


## "Safelight" Lamps

 "Junior" Model(Registered No. 519347 ).
Designed on the same lines as our world-famed "MODEL A," which was the original lamp using reflected light only.

The "Junior" Model is a smaller lamp at the lowest possible price in order to bring it within the reach of all.

Used in conjunction with our scientifically calculated "SAFELIGHT" Filters, gives a volume of light which is a revelation to those who have been accustomed to working with old pattern dark room lamps.

## In use the world over.

Imitated by others, but never equalled.
Prices - - 3/- and 4/- each.
For full particulars see body of List.


## VEST POCKET CAMERAS.

ESSuto
The dainty camera. The camera that everyone is talking about. Not a sunshine camera only, but can be a constant companion under all conditions. Undoubtedly the smallest practical camera made. The only real vest pocket camera. The illustration represents the actual size of the apparatus, but cannot give any idea of its extreme daintiness. The camera takes plates of a standard size ( 6 by $4 \frac{1}{2} \mathrm{c} / \mathrm{m}$ ), which are obtainable everywhere. You are thus not tied down to any one make of plate, but can


Fig. 1 (open)

## THE "SPRITE"-continued.

continue to use your favourite brand. The camera is also obtainable for use with the standard makes of film packs and film blocks. The "Sprite" Camera is fitted with a high grade rapid rectilinear lens, or at an increased price with the famous "Delos" anastigmat, working at a large aperture, and so distinguishes the "Sprite" from so many of the vest pocket cameras which are fitted with slow single lenses. As will be gathered from the illustration, the "Sprite" is fitted with a large useful direct vision view finder, in addition to which a focussing screen is also fitted, so that when desired the picture to be taken may be seen in its full size. The "Sprite" shutter is adjustable for speeds and also for "time" exposures.

The "Sprite" is always ready for immediate action, the front bearing the lens being drawn out practically instantaneously. No need to focus, no complicated shutter adjustments. The "Sprite" Camera is the acme of neatness, being richly covered in a high grade real morocco leather, and the metal parts beautifully nickel plated.


Fig. 2 (closed).

The "Sprite" Camera is intended to be your constant companion, as you know full well that it is when without your camera that some striking effect, some pictorial arrangement, some interesting event, some incident in child life occurs, and the fleeting effect once lost may never recur. This is the opportunity for the "Sprite"! The pictures, dainty but small in themselves, are capable of infinite enlargement, the details being so crisp and well defined, and the glass negatives being structureless, offer distinct advantages in this direction over negatives made on celluloid roll films.

By the "Sprite" "Post Card Printer" it is simplicity itself to produce a pictorial post card from your own little negative by placing the negative in one end of the printer and a sensitive bromide post card in the other. If you can make a bromide or gaslight print you have no new operation to learn; if you have never yet done so, you can master it in a few minutes.

THE "SPRITE"-continued.
The "Sprite" No. 1, for plates, complete with 6 metal plate holders, camera and slides in leatherette envelopes
. 1186
The "Sprite" No. 2, fitted for Premo film pack or Lumière film block, \&c., in leather purse
£1 186
The "Sprite" No. 1a, for plates, complete as No. 1, but fitted with the "Delos" anastigmat, yielding exquisite definition with extreme rapidity $\qquad$
The"Sprite" No. 2A, for film packs, complete in purse as No. 2, but fitted with " Delos" anastigmat
lens lens
The "Sprite" No. 1c, for plates, as No. 1, but fitted with "Cooke" anastigmat, $\mathrm{f} / 5^{\cdot} 6$, in focussing mount
The "Sprite" No. 2c, as No. 1c, but for use with film paclis ... £5 50
The "Sprite" No. 1R, as No. 1, but fitted with Ross' Homocentric £5 50
The "Sprite" No. 2R, as No. 1R, but for use with film packs ... £5 50


Fig. 3
Actual size of picture taken by the "Sprite."

## CASES FOR <br> 

A dainty camera deserves a dainty case, and these we supply in a variety of sizes, and a choice of puma goat (brown) or seal grain leather (green).


## CASES FOR THE "SPRITE"-continued.

Cases, puma or morocco, to hold camera and 6 slides, with handle or sling strap, 3/9

## Cases to hold camera and 12 slides, 4/9

Cases to hold film pack camera, 3/9
Note.-When ordering please specify whether you prefer the shoulder sling strap or handle ; also state if goat or seal is desired, and if for the plate camera, how many slides it is wanted to carry.

## ACCESSORIES FOR . .

Extra dark slides
Extra set of six dark slides in envelope case each 1 .
.....

Washing tank and rack in zinc, with overflow ... .. 2 /.
Boots "Perfect " developing tank, to take 12 plates ... .. 7/-
Printing frames ... ... ... ... ... ,. Yd.
$\begin{array}{cccccccc}\text { Drying racks } & \text { superior } & \ldots & \ldots & \ldots & \ldots & . . & 8 d . \\ \text { Dis. } & \ldots & \ldots & \ldots & \ldots & \ldots & . . & 9 \mathrm{~d} .\end{array}$
Plates - " Alford," "Imperial," "Barnet," "Wellington,"
and "Lumiere," extra rapid
Lumière "Sigma" plates ... ... ... ... ," 10d.
"Promo" film pack ... ... ... ... each $\mathbf{1 / 2}$
"Lumière" film block ... ... ... ... ., 1/2
Set of 3 Supplementary Lenses (3ft., 6 ft ., and 9 ft .) in neat pig skin case ... ... ... per set 7/6
Single Supplementary Lens, without case

## (She)pilis <br> POST CARD PRINTER.

Place your negative at the small end, a bromide post card at the other, expose according to the density of the negative, develop, and you have an enlarged picture on a post card. Simplicity itself -no instruction books necessary -mastered in a few minutes. Well made throughout. Fitted with high grade R.R. lens.


Fig. 5


Fig. 6
No. 34-To hold 48. Grey leaves
No. 34b
., 48. Brown
$\begin{array}{llll}\ldots & \ldots & \ldots & 1 / 3\end{array}$
No. 36
No. 36b ., 96. Brown ,
,, 96. Grey
,
$\ldots$... ... $1 / 3$
... ...
2/3 velvet kid leather, with silk headbands and linen guarded leaves.

Supplied in brown covers with grey leaves, or brown covers with brown leaves.

## (Onc) Pruits

## "TOP SPEED"

... ...

Specially prepared for use with the "Sprite" Camera, and is a plate of the highest possible quality, combining extreme speed and brilliancy in working.


#### Abstract

Price


10d. per box.

## 200 Ce lentury "FAST" PLATES FOR THE "SPRITE."

This plate is so well known as to call for no recommendation. High speed, freedom from fog, rich in quality.

$$
\text { Price } \quad \ldots \quad \ldots \quad \ldots \quad \text {... per box. }
$$

## ©.Boot "Ultra-RAPID" plates for the "SPRITE,"

The maximum of quality and the minimum of price. A plate to be relied upon for all ordinary work.
Price
6d. per box.

> All above makes of plates can be supplied "backed" at an extra charge of $2 d$. per box. For other makes of plates suitable for use in the "Sprite," see under Accessories.

A printing-out paper of extreme quality.

$$
\text { Price } \quad . . \quad \ldots \quad \text { bd. per packet. }
$$

(The Write S.T.P. (Glossy only).
A self-toning paper of supreme excellence. Requires fixing in Hypo only.
Price

> 6d. per packet.
(She) brits G.L.P.
A gaslight paper of a beautiful velvety surface, yielding extremely rich prints.

$$
\text { Price } \quad \ldots \quad \ldots \quad 6 \mathrm{~d} . \text { per packet. }
$$

## (Inc) pits pOST CARDS.

A superior bromide card for use in the Sprite Post Card Printer. Supplied in two surfaces -glossy and matt.

Price ... Bd. per packet (12 cards).


MEDIUM, FAST, AND ISOCHROMATIC.

Unequalled for A nateur or go | The "Fast" Grade is the most |
| :--- |
| rapid and perfect plate made. |
| Professional. . . . |



## CHEMICAL PACKETS.

Specially prepared for producing the best results on "Sprite" plates and papers. The chemicals used in compounding these have been specially chosen for their purity and strength, and these packets are thus the finest


Fig. 7
$\begin{array}{cccccc}\text { The "SPRITE" "M.Q." Developer } & \ldots & \text { in packets } & \text { Sd. } \\ " & \text { Pyro-Soda } & \ldots & \ldots & " & \text { Sd. } \\ " & \text { Toning and Fixing (combined) } & " & \text { Sd. } \\ & \text { Acid Fixer (in tins) } & \ldots & " & \text { Bd. }\end{array}$

(The brits

## CONCENTRATED ONE SOLUTION DEVELOPER

(as Fig. 8).

A few drops of this solution added to water according to the instructions accompanying bottle provides a developer ready for immediate use.

$$
\text { Price ... ... } \mathbf{1} / \text { - per bottle. }
$$

Fig. 8

## SHC Sprito "PRESENTATION" OUTFIT.



Fig. 9
Makes a charming and altogether delightful present.
One of the "Sprite" cameras is cosily encased in a dainty leather purse bag, either puma goat or seal grain leather, complete with six slides.

This little outfit will immediately insinuate itself into the affections of the recipient, daily reminding him or her of the kindly thought of the donor.

As a finishing touch to complete this gift it is enclosed in a neat case.
We will post these, if required, free, direct to your friend, enclosing your card, unon receipt of remittance.

Price
£2 20

## THE "ENSIGNETTE" No. 1 (Patent). British Made.



Fig. 10
The "Ensignette" is a vest pocket camera built on a new plan. It is new in size, shape and construction. The "Ensignette" is built of metal throughout.

When closed the "Ensignette" measures $3 \frac{7}{8}$ by $1 \frac{7}{\frac{7}{8} i n}$. and is only $\frac{3}{4}$ in. in thickness. It opens and locks in position for exposure by one simple movement.

The "Ensignette" is loaded and unloaded in daylight with special six-exposure "Ensign" roll films, and produces pictures $2 \frac{1}{4}$ by $1 \frac{1}{2}$ in.

The "Ensignette" is fitted with an achromatic "Meniscus" lens, with adjustable diaphragm openings, $f / 11, f / 16$, and $f / 22$. It has an Everset instantaneous shutter, with a large and easily controlled release lever.

Time exposures can also be given, and the camera will stand easily on a level surface for either oblong or upright pictures.

There is a brilliant view finder, a winding key for changing the film, and an indicator window.

The "Ensignette" is sold in a limp leather pocket wallet, which keeps the camera clean and free from dust, and takes up little or no room.

No. 1 "Ensignette" Vest Pocket Camera
No. 1n "Ensignette "Camera, complete with "Ensign" Anastigmat lens, $\mathrm{f} / 6$, and focussing adjustment...
No.1B "Ensignette" Camera, with "Cooke" Anastigmat lens, $f / 5 \cdot 8$, and focussing adjustment

| \&1 | 10 | 0 |
| ---: | ---: | ---: |
| 3 | 15 | 0 |
| 5 | 5 | 0 |

$$
\begin{aligned}
& \text { "Ensign" spools of six exposures for ditto ... } 10 \mathrm{~d} \text {. } \\
& \text { "Ensignette" printing box to enlarge negatives }
\end{aligned}
$$

The "Ensignette" fixed focus printing box will automatically enlarge the pictures to the full standard size post card ( $5 \frac{1}{2}$ by $3 \frac{1}{2}$ in.), without loss of definition. It means that you can produce full size post card pictures with a camera that slips into your vest pocket.

## THE "ENSIGNETTE" No. 2.

The latest introduction for pictures 3 by 2 in . Designed on similar lines to the well-known "Ensignette" No. 1.

No. 2 "Ensignette" Vest Pocket Camera $\qquad$ ... \&2 100
"Ensign" spools of six exposures for ditto, 1/-
"Ensignette" Printing Box No. 2, 7/6

## "PLAISAUNCE PETITE" (as Fig. i1).

The embodiment of neatness and daintiness. An ideal lady's camera. The simple action of drawing open the baseboard brings the front into position at infinity, where it is rigidly locked and ready for use. The lens is a Detective aplanat working at $\mathrm{f} / 6 \cdot 8$, and the shutter is of the diaphragmatic type, giving time and instantaneous exposures with an adjustment of speeds from 1 sec . to $\frac{1}{100}$ th.

Two brilliant view finders are fitted, and a hooded focussing screen in a case with three single dark slides are included.


Fig. 11

Extra slides, $1 / 6$ each.


## "PLAISAUNCE JUNIOR"

(as Fig. 12).
As "Plaisaunce Petite," but fitted with more simple shutter and R.R. lens.

Price ... £1 150

## "PLAISAUNCE ELITE" (as Fig. 13). $3 \frac{1}{2}$ by $2 \frac{1}{2} \mathrm{in}$.

A dainty little pocket camera for plates $3 \frac{1}{2}$ by $2 \frac{1}{2} \mathrm{in}$. The camera itself is beautifully made of aluminium, thus securing the maximum of compactness and the minimum of weight. It will fold into so small a compass as to go easily into the pocket without causing inconvenience. The body is elegantly covered in fine leather, all fittings being exceptionally well nickelled. The front bearing the lens has a rising movement actuated by a screw, a sliding motion is also fitted. Focussing may be effected by means of rack and pinion, and, in addition, a focussing scale with infinity stop is supplied.

The lens is Dr. Krügener's extra rapid aplanat, working at $\mathrm{f} / \mathrm{8}$, but allowing of the


Fig. 13 Iris to be opened much wider to facilitate focussing, or to allow of shorter exposures for portraits. The shutter is a "Bausch \& Lomb," giving time, bulb, or instantaneous exposures, these latter being marked $\frac{1}{25}, \frac{2}{50}, \frac{1}{100}$ th. A hooded focussing screen is also supplied, together with three single metal slides in envelope. Each camera is fitted with two finders, one a brilliant pattern, reversible, attached to the spirit level, and the other a direct view frame finder, fitted to side of front.

Price complete, with three slides
£2 76
Extra slides, superior quality, $1 / 9$ each.

## MAGAZINE CAMERAS.


"BEDFORD" CAMERA
(as Fig. 14). $3 \frac{1}{2}$ by $2 \frac{1}{2} \mathrm{in}$.
SPECIFICATION.
CAMERA.-Well built of wood, neatly finished and covered with grained material.
LENS.-Achromatic view, giving good definition. Diaphragms and dust cover.
Shutter.-Everset pattern for time and instantaneous exposures.
Finders.-For upright and horizontal views.
Changing Mechanism. Simple and reliable.
"BEDFORD" No. 1 for 6 plates, $3 \frac{1}{2}$ by $2 \frac{1}{2}$ in. ... ... 4/9
"BEDFORD" No. 2 for 12 plates, $3 \frac{1}{2}$ by $2 \frac{1}{2}$ in. ... ... 6/3

[^0]
## "FRANKLIN" HAND CAMERA No. 1

(as Fig. 15). $4 \frac{4}{4}$ by 3 in.

## SPECIFICATION.

CAMERA.-Well made of hard wood, covered with seal-grain waterproof material, oxidised fittings and handle for carrying.
Lens.-Good quality rapid single lens, producing excellent pictures.
Stops.-Rotating, with dust cover.
Shutter.-Everset, giving either time or instantaneous exposures, with sunk release. A catch is provided for holding shutter open for prolonged time exposures.
Finders. - Two brilliant, for upright and oblong pictures, with oxidised fittings.
Changing Arrangement. Simple and effective.


Fig. 15
"FRANKLIN" No. 1, complete for 12 plates, $4 \frac{1}{4}$ by $3 \frac{1}{4}$ in. ... $\mathbf{8 / 9}$ Limp canvas case, with shoulder strap, 2/6 Complete Developing and Printing Outfit, for plates $4 \frac{1}{4}$ by $3 \frac{1}{4} \mathrm{in}$., $4 / 6$


Fig. 16

## SPECIFICATION.

CAMERA.-Hard seasoned wood, covered with keratol, oxidised fittings and handle for carrying Lens.-Finest quality achromatic view lens, good definition, fitted with three magnifiers for near objects.
Stops.-Iris diaphragm.
SHUTTER.-Everset time and instantaneous, giving variety of speeds, with speed indicator.
Finders.-Two, for vertical and horiozntal pictures.
Changing Mechanism.-Simple and efficient, with exposure indicator.
Complete with two bushes, 11/9

Canvas case, strong and well made, $2 / 9$

## "SOLAR" No. 2


(as Fig. 17), $4 \frac{1}{4}$ by 3 iin.

## SPECIFICATION.

CAMERA.- The same specification applies to this as to "Solar" No. 1, but with the following improvements.
Lens.-Fine quality rapid rectilinear lens, with magnifiers and Iris diaphragm and dust cap.
Finders.-Brilliant, for horizontal and vertical.

> Price complete
> $17 / 9$
> Canvas case, with handle and shoulder strap, 3/3

Fig. 17
"KELVIN"
No. 1
(as Fig. 18).
$4 \frac{1}{4}$ by $3 \frac{1}{4} \mathrm{in}$.

SPECIFICATION.
Camera.-
Thoroughly well made and covered with superior morocco leatherette, with opening front door for adjusting shutter, \&c. Divided back door for removing exposed plates.


Fig. 18

Lens.-Achromatic rapid rectilinear of good quality and definition, $\mathrm{f} / \mathrm{8}$.
Shutter.-Everset time and instantaneous, with sunk release. Marked from 1 second to $1 \frac{1}{00}$ th, and giving also prolonged time exposures.
STops.-Rotating Diaphragms.
Magnifiers.-Set of three in revolving mount for taking portraits, \&c., at $3 \mathrm{ft} ., 5 \mathrm{ft}$., and $9 \mathrm{ft} .$, adjustable from the outside.
Finders.-Two of real brilliant form, showing pictures correct way up.
Changing Arrangement.-Simple and reliable, cannot get out of order. Automatic indicator.
Bushes and tripod screw are provided.
"KELVIN" No. 1, complete for 12 plates, $4 \frac{1}{4}$ by $3 \frac{1}{4} \mathrm{in}$. \&1 Limp canvas case, with shoulder strap, 3/9

## " 20th

CENTURY"
HAND
CAMERA
(as Fig. 19).
$4 \frac{1}{2}$ by 3 in .


Fig. 19

## SPECIFICATION.

Camera.-Built of hard wood, with open front, mahogany polished. The back door is divided to facilitate removal of exposed plates without disturbing the unexposed ones.
Lens.-Fine quality, fitted with magnifier for portraiture.
Shutter.-"Bausch and Lomb" Gem pattern, giving time, bulb, and instantaneous exposures, either with pneumatic or finger release. Finders.-Two brilliant, for upright and horizontal views.
Changing Mechanism.-Novel and reliable, with automatic indicator. Fitted complete, with sliding dust cover to lens and finders, 17/9

Strong canvas case for above camera, 3/3
"PERFECTUM" STAMP CAMERA (as Fig. 20).


The camera is provided with nine lenses, producing nine distinct but identical pictures on a $\frac{1}{4}$-plate. Decorative borders are supplied which, together with any $\frac{1}{4}$-plate or cabinet print, will produce dainty little pictures the size of a postage stamp. The shutter is so arranged that all the exposures are made simultaneously.

Price complete with 1 single dark slide, 9/10

## ROLL FILM CAMERAS.

## PIONEER" $\frac{1}{4}-P L A T E$ ROLL FILM CAMERA.

Undoubtedly the cheapest reliable $\frac{1}{4}$-plate Roll Film Camera ever offered. Of sound construction throughout, will.stand hard wear and tear-although
 produced at so low a price the lens is of high quality and superior to those often fitted to cameras at twice the price. For those to whom price is an object this camera can be heartily recommended, possessing as it does all the essentials for the production of perfect negatives on rollable films.

## Price complete

## 259

Leather case for ditto, 5/6

Fig. 21
SPECIFICATION.
CAMERA.-Constructed of hard wood, covered with wear resisting leatherettte, Shutter.-Automatic Everset, giving time, bulb, and instantaneous exposures, LENS.-Superior quality achromatic, with Iris diaphragm.
"ESSACTO" ROLL FILM AND PLATE CAMERA No. 3 (as Fig. 22).


Fig. 22 by which the spools are inserted, nothing so simple or convenient having been introduced into any other roll film camera. Dry plates may be used in single metal dark slides-three of which are included in the price. Special attention has been given to the lens, which is a high-grade double aplanat, and will bear comparison with many of the cheap anastigmats. The shutter is of the latest Sector type and is perfectly dependable.

Each camera is complete with hooded focussing screen and three single metal plate holders.

$$
\begin{array}{cc}
\text { Price, } \text {, plate } & \ldots \\
\text { E2 19 } \\
\text { Leather case, } 6 / 6 & \text { Extra slides, } 1 / 6 \text { each. }
\end{array}
$$

## "ESSACTO" DOUBLE EXTENSION ROLL

 FILM CAMERA.Same specification as above, but fitted with double extension, and the front is so arranged that it is always in position on the base ready for use.
Price
\&3 146
Leather case, 7/6 Extra slides, 1/6 each.
 wood being well seasoned and the body covered in hard sealgrain leather. This camera is suitable for use under the most exacting conditions of climate. Films and plates may be used without alteration-three single metal slides and hooded focussing screen being included in the price.
Lens.-Any high-grade lens may be fitted, and below we give quotations for two well-known lenses fitted to this camera. Shutrer. -The most suitable is the well-known "Koilos," which is recognised universally as being the most reliable and accurate, and gives speeds marked from 1 sec . to ${ }^{\frac{1}{1}}$ vell th, as well as "time" and "bulb" adjustments.
films is rendered Fig. 23 RoLL FILMS. - The insertion of roll
The whole apparatus has been designed and arranged novel fitting. practical work of the highest class, and represents value for really hard any other maker.
Camera as above

Camera as above fitted with Ross' "Cooke" anastigmat lens, f/6.5 \&5 150
"Homocentric," f/6.3 with Ross'

## "IMPERIAL" DOUBLE EXTENSION ROLL FILM AND PLATE CAMERA

(as Fig. 23a). 1-plate.
Similar to above specification, but fitted with double extension and designed on a novel system which facilitates the drawing out of the front.
"omplete with three slides and "Cooke" anastigmat lens, $f / 6.5$, \&6 100 Complete with three slides and Ross' "Homocentric" lens, $\mathrm{f} / 6.3$,玉7 0 Leather case, $7 / 6$ Extra slides, $1 / 6$ each.


## "REGALO" ROLL FILM AND PLATE CAMERA <br> $4 \frac{1}{4}$ by 3 in. <br> SPECIFICATION.



Camera.-Exceptionally well built, the wood-work being beautifully finished, and every effort having been made to obviate any shrinkage or warping, no matter what climatic condition the apparatus may be exposed to. The baseboard and front are made of hard metal heavily nickel-plated, enamelled in a wear-resisting black, giving the whole a charming appearance. The cover is keratol, which is not only waterproof, but exceptionally durable.
Bellows are of black leather.
Lens.-Rodenstock's "Special Doublet," working at $\mathrm{f} / \mathrm{s}$. Each lens is tested and gives good definition.
ShUTTER.-Reliable and simple. Automatic Everset, giving instantaneous, bulb, and time exposures. Finder.-Brilliant, reversible.
BACK is fitted with focussing screen and a sliding panel, enabling glass plates in dark slides to be used, and when closed is flush, leaving no projections. Price complete with one single dark slide and focussing screen \&1 196 Extra slides $1 / 6$ each. Leather case to take camera, $5 / 6$

## "SUCCESS" ROLL FILM AND PLATE CAMERA No. 0

(as Fig. 25). $4 \frac{1}{4}$ by 3 in.

## SPECIFICATION.

Camera.-Exceptionally well built, very compact and of neat appearance. The baseboard and front are of aluminium, the latter possessing rising and cross movements.
Lens.-Special quality rapid rectilinear. fitted with Iris diaphragm, full aperture f/8.
Shutter.-Automatic, for time, bulb, and instantaneous exposures.
Finder.-Brilliant, reversible.
The back is fitted with focussing screen, and the camera may be used, without any additions, for $\frac{1}{2}$-plates or rollable films.
Price, complete with one single slide and focussing screen,

## 81149

Extra slides $1 / 6$ each.
Leather case 5/6


## "ESSACTO" DE LUXE ROLL FILM CAMERA (as Fig. 26).

 POST CARD SIZE. FOR ROLL FILM OR PLATES.This camera is exceptionally well designed, with a minimum of projecting parts, and is covered with real seal-grained leather. All fittings are heavily nickelled, and the rack and pinion for focussing is so arranged as to admit of being locked at any extension. A focussing scale is provided which is adjustable for either plates or films, and is fitted with an infinity catch. The cross and rising fronts are actuated by screws.

The finder is a reversible brilliant pattern, fitted with spirit level.
The " Essacto "shutter with which it is fitted is of an entirely new pattern of the "Sector" type and eminently reliable, the working parts being made of hardened steel. It is of the Everset variety, and is marked from 1 sec . to ${ }^{1} \frac{1}{0}$ th, giving also bulb and time exposures, and a safety lock for the prevention of accidental exposure. It may be used with either finger or antinous release. The camera may be had fitted as follows :RF. 1, fitted with "Essacto" shutter and Kenngott's "Medio Anastigmat " lens working at $\mathrm{f} / 7 \cdot 7$
… \&3 1910 RF. 2, fitted with Ross' "Homocentric," series III, f/6.3, 6 in. focus in "Essacto " shutter ...

$$
\begin{aligned}
& \text { RF. 3, fitted with "Cooke " lens, series III, f/6.5, } 6 \mathrm{in} \text {. focus in } \\
& \text { " Koilos " shutter }
\end{aligned}
$$



Fig. 26

$\cdots \quad$| $\cdots$ | 5 | 0 |
| :--- | :--- | :--- | :--- | :--- | :--- |

Glass focussing screen, with three single metal slides for glass plates in envelope case
Solid leather case, with shoulder strap ..... 7/6


## "BROWNIE" CAMERA No. 1

(as Fig. 27).
Takes roll films 24 by 24 in . Loaded in daylight. Compact and well made.

## Price

5/-

View finders 1/- extra.

Fig. 27
"BROWNIE" CAMERA No. 2
(as Fig. 28).
Takes photos $3 \frac{1}{4}$ by $2 \frac{1}{4} \mathrm{in}$., is fitted with finders, and substantially made.
... 10/-


Fig. 28

## "BROWNIE" CAMERA No. 2a.

Daylight loading "Kodak" for pictures $4 \frac{1}{4}$ by $2 \frac{1}{2}$ in.
The No. 2A "Brownie" is a box-form fixed focus camera, constructed to take the spools intended for the No. 1A Folding Pocket "Kodak." As many as twelve pictures may therefore be made without reloading, instead of the maximum of six, as in the case of No. 1 and No. 2 models.

> Price
$12 / 6$
Canvas case $2 / 3$. Leather case $5 /$ -


Fig. 29

## "BROWNIE" CAMERA No. 3

(as Fig. 29).
A new daylight loading "Kodak" for pictures $3 \frac{1}{4}$ by $4 \frac{1}{4} \mathrm{in}$. It is fitted with a pair of finders and a set of three lens stops.

$$
\text { Price } \quad \ldots \quad \ldots \quad 17 / 6
$$

FOLDING "BROWNIE" No. 2 (as Fig. 30).


Fig. 30

## FOLDING "BROWNIE"

The No. 3 Folding "Brownie" is very similar in construction to the No. 2, but takes pictures $4 \frac{1}{4}$ by 3 in. It is supplied to meet the demand for an efficient yet simple camera, to take quarter-plate size roll film pictures at less cost than the No. 3 Folding Pocket "Kodak." It is fitted with a "Bausch and Lomb" rapid lens, and an Everset automatic shutter for time, brief time, and instantaneous exposures, with Iris diaphragm stops. Reversible view finder and automatic focussing adjustment for distances of $6,8,10$, 15,25 , and 100 feet.

Price


Fig. 32

A folding film camera, taking No. 2 "Brownie" spools, and giving a picture $3 \frac{1}{4}$ by $2 \frac{1}{4} \mathrm{in}$. Covered in leatherette, with new patent focussing catch for varying distances, automatic time and instantaneousEverset shutter, achromatic lens, Iris diaphragm, leather bellows, reversible view finder, and two bushes for tripod screws.

Price ... ... £1 $\mathbf{1}$

No. 3 (as Fig. 31).


Fig. 31

## ※1 176

## FOLDING "BROWNIE

 KODAK" No. 3a(as Fig. 32).
The No. 3a Folding "Brownie Kodak" takes post card size pictures, $5 \frac{1}{2}$ by $3 \frac{1}{4} \mathrm{in}$.

Price of No. 3a Folding "Brownie,"
む2 20
Ditto, fitted with R.R. lens,
£2 100

## FOLDING POCKET

"KODAK" No. 1 (as Fig. 33).
For roll films only, $3 \frac{1}{4}$ by 2 in. Capacity 12 exposures without re-loading. By simply releasing the catch and drawing the baseboard down, the camera is instantly set for taking a picture. Fitted with good quality lens, with Iris diaphragm, and new Everset automatic shutter, giving time, brief time, and instantaneous exposures ; has two view finders for horizontal and vertical views.

$$
\text { Price ... ... £2 } 2 \mathbf{0}
$$



Fig. 33.

## FOLDING POCKET "KODAK" No. 1 a.

This camera is similar to the No. 1, but takes roll film pictures $4 \frac{1}{4}$ by $2 \frac{1}{2}$ in.

$$
\text { Price } \quad \ldots \quad \ldots \quad \ldots \quad \text { \&2 } 10 \quad 0
$$

FOLDING POCKET "KODAK" No. 3 (as Fig. 34).
Takes 6 or 12 exposure daylight loading spools, $\frac{1}{4}$-plate size. Fitted with R.R. lens,


Fig. 34 automatic shutter, pneumatic and finger release, brilliant reversible finder, rising and falling front, focussing scale, \&c. Can be supplied with combination back which adapts the camera for use with either glass plates or roll films.

$$
\text { Price … £3 } 12 \quad 6
$$

Or complete with combination back

$$
\text { £3 } 176
$$

Or separate plate attachment for above, with one double plate holder, 13/6 extra.

Extra double plate holders, $\mathbf{4 / - \text { each }}$

## FOLDING POCKET "KODAK" No. 3a

## POST CARD SIZE (as Fig. 35).

Takes daylight loading spools size $5 \frac{1}{2}$ by $3 \frac{1}{4} \mathrm{in}$. It has every desirable movement, finest workmanship and highest finish, fitted with selected "Bausch and Lomb" R.R. lens working at $\mathrm{f} / \mathrm{s}$, Everset automatic shutter, rising, falling, and sliding front, spirit level, brilliant finder, \&c.
Price, with single valve automatic shutter, £4 100
Glass plate attachment and one plate holder, 14/-
Extra plate holders, 5/- each. If camera is fitted with combination back for plates and films instead of ordinary back, 5/- extra.


Fig. 36 strength and solidity is greatly waterproof cloth of evceller similar type. The covering is leather. The spol excellent quality, practically indistinguishable from of solid oxidised metal. Lens.-Fine quality achromatic Meniscus of excellent covering power. Shutter.-Everset time and instantaneous.
View Finder.-Ground-glass of rectangular form, built into the body of the camera.
Handle.-Solid leather.
The " $2 \frac{1}{4}$ a Ensign," complete for pictures, $2 \frac{1}{4}$ by $2 \frac{1}{4} \mathrm{in}$. Size and description of spool, " $2 \frac{1}{4} \mathrm{~A}$." "Ensign" Portrait Attachment for taking pictures at 3ft., 1/6

## THE " 21 ENSIGN."

## Box-Form Model. British Made.

Takes pictures $2 \frac{1}{4}$ by ${ }^{9} \mathrm{i} \mathrm{in}$. SPECIFICATION.
CAMERA.-Beautifully made and built entirely of well-seasoned wood and metal. Novel in construction, and exceedingly casy to load, the whole of the spool - winding mechanism being withdrawn from the outer case with the side of the camera, thus greatly facilitating this operation. The

Fig. 35

## CASH (D) HOIOORAPHIC CHEMISTS (P DEPARTMENT

## THE " 21 l ENSIGN."

Box-Form Model. Takes pictures $3 \frac{1}{4}$ by $2 \frac{1}{4} \mathrm{in}$.
Specification as the " $2 \frac{1}{4}$ a Ensign," but to take pictures $2 \pm$ by $3 \frac{1}{\mathrm{i}} \mathrm{in}$. Size and description of spool, " $2 \frac{7}{7}$ B."
The " $21 \mathbf{l}$ Ensign," complete ...
10/-
"Ensign" Portrait Attachment for taking pictures at 3ft., 1/6

## THE " $2 \frac{1}{2}$ ENSIGN."

Same as above, but to take spools $2 \frac{1}{2}$ by $4 \frac{1}{4} \mathrm{in}$. Price ... $\mathbf{1 2} / 6$

## STAND CAMERAS.

"METROPOLITAN" SET (as Fig. 38). For plates $4 \frac{1}{4}$ by 34 in . UNAPPROACHED FOR VALUE.


Eig. 38
SPECIFICATION.
Camera.-Mahogany, finest French polished, double rack and pinion, rising front, reversing and swing back, double extension bellows and turntable. Lens.-"B.C.C." achromat, with Iris diaphragm.
Shutter.-Behind lens pattern, roiler blind for time and instantaneous exposures, giving approximately from $\frac{1}{15}$ th sec . to $\frac{1}{90}$ th with speed indicator. Dark Slide.-Double book form, hinged shutters.
Tripod.-Two-fold.
$\ddagger$-plate set complete

IMPROVED 1 -PLATE "SOUTHERN" SET
(as Fig. 39).
NEVER YET EQUALLED AT ANYTHING LIKE THE PRICE BRITISH MADE THROUGHOUT.


Fig. 39.

## SPECIFICATION.

Camera.-Best mahogany, highly polished, swing front and back, rising and falling front, double rack and pinion, wide angle movement, double extension leather bellows, and turntable.
Shutter.-Roller blind, behind lens pattern, time and instantaneous, with speed indicator, speeds approximately marked $\frac{1}{15}$ th to $\frac{1}{90}$ th. Pneumatic release.
Lens.- "Planomat," with Iris diaphragm. A guaranteed high-class instrument.

Dark Slide.-Double book form, hinged shutters, side clips, metal division. Stand.-Two-fold.

Drice complete ... ... ... ... £1 19 6
Extra double dark slides 5/6 each.
Canvas case to hold camera and slide, 4/3

Camera.-Finest quality and London workmanship throughout. Built of selected seasoned mahogany, beautifully French polished, fitted rack and pinion actuating the back of the camera, offering special advantages when using wide angle lenses or when copying, extreme rising front and reversing back.
Shutter.-Behind lens, roller blind.
Lens.-"Cooke" anastigmat series III, f/6.5, world renowned for its optical perfection.
Dark Slide.-Double book form, hinged shutter, side clips.
Stand.-Three-fold.


Price complete as aboveSet "G" ... ... \&4 12 0

Set "H" (as above) but with the lens fitted in "Koilos" shutter, instead of roller blind £5 26 Set "R" (as Set "H") but with Ross' "Homocentric" Lens, $\mathrm{f} / \mathrm{6}^{\prime 3}$, in "Koilos" shutter £5 196

Set "RH" (as Set "H") with Ross' "Homocentric" Lens, $\mathrm{f} / 5^{\circ} 6$, in "Koilos" shutter \&6 16 6

Extra dark slides, 6/6 each.
Good quality stiff canvas case, lined green baize, web sling, leather handle to hold camera and three slides price $\mathbf{1 0 / 6}$

Fig. 40

## "INIVERSITY" SET (as Fig. 41).

## SPECIFICATION.

Camera. - Finest possible workmanship, only selected materials having been used, and is brass bound throughout. Triple extension with double rack and pinion, extreme rise of front, reversing back and every desirable movement provided in the simplest and most efficient form.

Dark Slides.-Three are included in the price and are exquisitely brass bound.

Shutter.-" Koilos," marked to give speeds from 1 sec . to $\frac{1}{250}$ th, as well as time and bulb.

Lens. - "Cooke" anastigmat, series III, f/6.5, representing the highest degree of optical perfection.
Tripod.-Three-fold.


Prices-
Set 7 "C"-1-plate size, fitted with "Cooke" series III, f/6.5, in "Koilos" shutter
Set 7 "H"-(as above) $\frac{1}{2}$-plate size
Set "UR"- $\frac{1}{4}$-plate (as above specification) but fitted with Ross' "Homocentric " Lens, $\mathrm{f} / 6 \cdot 3$, in " Koilos" shutter ...
Set "URH" $\frac{1}{4}$-plate (as above), but fitted with Ross'
"Homocentric̣" Lens, $f / 5 \cdot 6$, in "Koilos " shutter

Extra dark slides, fully brass bound ditto ditto $\quad . . \quad$... $\frac{1}{4}$-plate $10 / 6$ ditto $\ldots$... ... $\frac{1}{2}$-plate $18 / 6$

These sets have been designed to meet the requirements of the most exacting workers and represent value unapproachable elsewhere.

## "BOSCOMBE"

 $\frac{1}{2}$-PLATE SET (as Fig. 42).

Fig. 42
SPECIFICATION.
Camera.-Special quality mahogany, best French polished, double extension leather bellows, rack and pinion, wide angle movement, reversing and swing back, rising front, plumb indicator, and flush brass turntable.
Shutter.-Behind lens time and instantaneous, with speed indicator.
Lens.-Fine quality rapid rectilinear.
Dark Slide.-Double book form, hinged shutter and side clips.
Stand.-Three-fold.
Price complete
2289
Extra double dark slides, 7/9 each. Canvas case to hold camera and slides, 5/6
"COSMOPOLITAN" $\frac{1}{2}$-PLATE SET (as Fig. 43).


Fig. 43
"COSMOPOLITAN" $\frac{1}{2}-P L A T E$ SET-continued.

## SPECIFICATION.

CAMERA.-Beautifully made of mahogany, rising front, wide angle movement, reversing and swing back, double extension.
Shutter.-Superior quality rotary.
Lens.-Achromatic landscape.
Dark Slide.-Double book form.
Stand.-Well and strongly made.
Price complete
\&1 26
Extra double dark slides, 6/9 each. Canvas case for camera and slides, 2/10 This camera, although low in price, is exceptionally well made and cannot be repeated.

## "EXPERT" $\frac{1}{4}$-PLATE STAND CAMERA (as Fig. 44). <br> This camera has been

 designed to supply the requirements of those who desire an apparatus of practical utility devoid of movements which are seldom, if ever required, but nothing has been sacrificed which is of daily use for the sake of lightness. The camera is well built of seasoned mahogany, beautifully French polished, and will last a lifetime of continued and hard wear. It is fitted with a back focussing pinion to enable the screen to be moved forward when using Wide Angle Lenses or when copying, and it is only necessary to mention this last fact to the expert worker to convince him Fig. 44 designed by practical workers for practical workers.The rise of front admits of the toped
the top of the plate when used in top edge of the objective coming level with are fitted with automatic used in a vertical position. Both the back and front always being parallel. Spring struts which ensure the lens and the plate clamped in any position.

The tripod is of fine ash selected for its elasticity and fitted with automatic
"EXPERT" $\frac{1}{4}$-PLATE STAND CAMERA-continued.
Set A.-Supplied complete with one double mahogany dark slide, fitted with metal division and tripod
For those desiring a complete outfit with lens and shutter, we can quote the following prices:-
Set B.-Camera as above, with one double dark slide and tripod, fitted with Kenngott's "Medio-Anastigmat" lens and roller blind shutter for time and instantaneous exposures
Set C.-Ditto as Set A, fitted with "Koilos" shutter and Kenngott's "Medio-Anastigmat" lens
Set F.-Outfit as Set A, but fitted with Ross' "Homocentric" lens, $\mathbf{f} / 6 \cdot 8$, focus 5 in ., with roller blind time and instantaneous shutter

Extra double dark slides, $6 / 6$ each.
"PRINCESS" $\frac{1}{2}$-PLATE SET (as Fig. 45).


Fig. 45
"PRINCESS" $\frac{1}{2}$-PLATE SET-continued.

## SPECIFICATION.

Camera.-Finest London made, polished mahogany, triple extension, double rack and pinions, highly finished brass fittings, wide angle movement, plumb indicator, double swing back, reversing frame, extreme rise of front, automatic spring struts and cross movement, sunk turntable, and leather bellows.

Shutter.-Behind lens time and instantaneous roller blind, with speed indicator.

Lens.-"Cooke" anastigmat, series III, f/6.5, representing the highest degree of optical perfection.

Dark Slide.-Double book form, side clips and spring catches.
Stand.-Three-fold.
Price complete with one double dark slide ... $\boldsymbol{8 7} \mathbf{6} \mathbf{1 0}$
Extra dark slides, $8 / 6$ each.
Canvas case for camera and slides, 5/6


# "EMPEROR" $\frac{1}{2}$-PLATE SET 

(as Fig. 46).
Similar to the "Princess," but the lens is fitted into a "Koilos" shutter, giving exposures marked from 1 sec . to $\frac{1}{250}$ th.

Price complete with one double dark slide,

## £8 9

Extra slides 8/6 each.
Canvas case 5/6

Fig. 46 Hoors "DE LUXE" CAMERA (as Fig. 47).


Fig. 47
In this camera the skill of the British cabinet maker has been allowed full play. The apparatus is made of the very finest mahogany procurable, and is carefully clamped at all joints, extra strength being afforded by the superior brass binding, which not only adds to the strength and durability of the instrument, but also enhances its appearance. Nothing better is obtainable at any price.

## SPECIFICATION.

Camera.-Finest finished mahogany triple extension, with double rack and pinion, extreme rise of front, reversing back, and every essential movement, with a total absence of intricate mechanism.
Dark Slides.-Double book form, exquisitely made, beautifully brass bound, side clips and hinged metal division.

No. 0. Camera, $\frac{1}{4}$-plate, with three double dark slides
\&4 150
No. 0H. Camera, $\frac{1}{2}$-plate
650
No. 5R. No. 0 outfit, with Ross' "Homocentric" lens, 5 in . focus, series III, $f / 6 \cdot 3$, with roller blind time and instantaneous standard pattern shutter $\frac{1}{4}$-plate size

8126
No. 5RH. Ditto, but $\frac{1}{2}$-plate size, fitted with Ross' "Homocentric" lens, series III, $\mathrm{f} / 6 \cdot 3$, 7 in . focus, with roller blind shuttér

1246
Extra double dark slides, fully brass bound, $\frac{1}{4}$-plate, $10 / 6 ; \frac{1}{2}$-plate, 18/6


(as Fig. 50).


Fig. 50

## SPECIFICATION.

This apparatus is hand-made throughout of the finest possible material. Simplicity-the aim of all makers-has been adopted as the key-note in the construction of this instrument.
The mahogany employed in its making is chosen for its maturity and freedom from defects. Every joint is screwed, and thus is able to withstand the extremes of climate.
The metal work is entirely hand finished, and the whole is covered in leather selected for its wearing qualities. The hood, which is deep, is made reversible in order that exposures may be made at right angles to the direction in which the photographer is looking. The focussing screen revolves on metal plates, so preventing any jamming.
The Focal Plane Shutter is a feature of this apparatus, it being practically
. impossible for it to get out of order. The blinds are arranged on the
"self-capping" principle, and the width of the slit is adjusted at the time of setting the shutter, there being a special locking device which renders the repetition of an exposure certain and simple. The operation of one knob sets the shutter and adjusts the widths of the slit. The lens is mounted in a sunk cell or box of aluminium which is reversible, thus adding to the extension of the camera. The rising front is actuated by rack and pinion, and a sky shade is fitted, so protecting the lens from direct rays of light. The full extension is $10 \frac{1}{2}$ in., but in spite of this the camera is the lightest and smallest high-class Reflex made.
Lenses of $5 \frac{1}{2} \mathrm{in}$. focus of most makes may be fitted.
Price complete with three double dark slides
Fitted with Ross' "Homocentric" lens, series II, f/5.6
Special black leather case, velvet lined, to take camera and three slides
Film pack adapter, covered in Morocco leather

# .. The .. <br> <br> "Plaisaunce <br> <br> "Plaisaunce <br> Cameras <br> REPRESENT ALL THAT IS <br> LATEST AND BEST. 

## $\operatorname{cose} 9$

We have pleasure in calling attention to the series of "Plaisaunce" Cameras illustrated on the following pages as being exclusively designed by ourselves, and embodying those improvements and essential features in camera construction which facilitate the working of the apparatus.

The design ensures absolute rigidity in every part, and the accessories incorporated have been chosen for their dependability and quality.
"PLAISAUNCE" No. $\mathbf{i}$ (as Fig. 51). $\frac{1}{4}$-plate.
REPRESENTS THE MAXIMUM VALUE IN FOLDING CAMERAS AT THIS PRICE.


Fig. 51
SPECIFICATION.
Camera.-Built of hard wood, covered with high-class keratol.
Lens.-Achromatic view, with Iris diaphragm.
Shutter. - Automatic Everset, giving time, bulb, and instantaneous exposures. All fittings heavily nickelled.

Extra single slides, $1 / 6$ each.
Leather case to hold camera and six slides, 5/6

| "PLAISAUNCE" No. 1a. As above, but fitted with |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| R.R. Lens | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ |

"PLAISAUNCE" No. 2 親-PLATE (as Fig. 52)

(Regd. No. 563854).

## SPECIFICATION.

Camera. - Best construction, with aluminium baseboard and leather bellows of special quality. Covered in very hard wearing keratol.
Shutter. - Latest pattern shutter, giving time, bulb and instantaneous exposures.
Lens.-Good quality R.R., with Iris diaphragm.
Finder.-Brilliant, with spirit level attached.
Two single metal dark slides are included in envelope case with hooded focussing screen.

Price complete £1 76
Extra slides, $\mathbf{1} / 6$ each.
Leather case for camera and slides, 5/6


Fig. 52
"PLAISAUNCE" No. 3 -1-PLATE (as Fig. 53).
(Regd. No. 563854).


## SPECIFICATION.

Camera.- Constructed similarly to the No. 2, but fitted with rack and pinion for finefocussing.
Shutter.-New pattern Sector giving in addition to time and bulb exposures, automatic snap-shot exposures marked $\frac{1}{25}$ th, $\frac{1}{50}$ th, and $\frac{1}{100}$ th.
Lens.-Fine qualityaplanat with Iris diaphragm.
Finder.-Hooded brilliant, with spirit level.
Two single metal dark slides in envelope with hooded focussing screen.

## Price complete £1 176

Fig. 53

$$
\text { Extra slides, } 1 / 6 \text { each. }
$$

Leather case to hold camera and slides, 5/6

## CASH <br> CHEMISTS

"PLAISAUNCE" No. $4 \frac{1}{4}$-PLATE (as Fig. 54).
(Regd. No. 563854).
This is the finest possible quality, covered in real leather, and is without doubt unapproachable for value by any other maker. Long extension is provided with rack and pinion focussing adjustment.

## SPECIFICATION.

Shutter. - The well-known
"Essacto" Sector, giving automatic exposures from 1 second to $\frac{1}{100}$ th in addition to time and bulb, and is also fitted with patent safety lock to prevent accidental exposure.
Lens. - Finest quality R.R. aplanat, with Irisdiaphragm.
Finder.-Brilliant, with hood and spirit level.


Dark Slides.-Two single metal, complete in envelope case, with hooded focussing screen.

> Price complete

Extra slides, $1 / 6$ each.
Leather case to hold camera and slides, 5/6


Fig. 55

## "PLAISAUNCE"

 No. 10 POST CARD(Regd. No. 563854). (as Fig. 55). $5 \frac{1}{2}$ by $3 \frac{1}{2} \mathrm{in}$.

## SPECIFICATION.

The same description as found under"Plaisaunce" No. 3applies here, but it is designed for use with Post Card Plates.

Price complete with two dark slides

## \&2 86

Extra slides, 2/- each.
Leather case to hold camera and slides, 7/6

## "PLAISAUNCE" No. $20 \frac{1}{4}$-PLATE (as Fig. 56)

This, and the following three cameras, have been designed with a view to producing the best that is possible, irrespective of cost, and we feel sure that in introducing this series of cameras we are offering apparatus that is above criticism, and which we realise will meet the demand for instruments adapted to the most trying conditions and the most exacting work.

## SPECIFICATION.

CAMERA.-The body is leather covered and the baseboard finished in heavily nickelled metal and black enamelled fittings. The front, which is exceptionally rigid, is fitted with a ball bearing infinity catch of new design. The rise and fall movements are also provided in a simple form.
Lens.-Rodenstock'sextrarapid aplanat $\mathrm{f} / \mathrm{s}$, giving exceptionally fine definition.
Finder.-Brilliant with spirit level attached.
ShUTTER.-Reliable, automatic, giving marked exposures of $\frac{1}{25}$ th, $\frac{1}{50}$ th, and $\frac{1}{100}$ th. - in addition to bulb and time.

A pneumatic release may be supplied at a slight extra cost. Price complete, with three slides in envelope $\ldots$ £2 $\mathbf{1 2} 9$ Extra slides, $1 / 6$ each. Leather case to take camera and slides, 6/6
"PLAISAUNCE" No. $21 \frac{1}{4}$-PLATE (as Fig. 57).


## SPECIFICATION.

CAMERA. - Body beautifully leather covered, with double extension bellows and novel ball-bearing infinity catch. A feature of this apparatus is that the sliding front of the camera never leaves the rails, and there is therefore no difficulty in drawing the front forward when extending the apparatus.
Shutter.-Reliable, automatic, giving marked exposures at $\frac{1}{25}$ th, $\frac{1}{50}$ th, and $\frac{1}{100}$ th, in addition to bulb and time. Pneumatic release may be used, and is supplied at a small extra charge.


Fig. 56


## "PLAISAUNCE" No. 21 -PLATE-continued.

Lens.-Rodenstock's extra rapid aplanat, working at $f / 8$, and giving exquisite definition. This lens is superior to many cheap anastigmats.
Finder is of a brilliant folding variety, and reliable.
Price complete, with three single dark slides in envelope, and hooded focussing screen

E3 26
Extra slides, $1 / 6$ each. Leather case to take camera and three slides, 6/6
"PLAISAUNCE" No. $22 \frac{1}{4}$-PLATE (as Fig. 58).

## SPECIFICATION.

Camera.-Body covered with superior leather. Double extension leather bellows, the front bearing the lens is always in position on the runners, and therefore is ever ready for immediate use.
The Sliding Front is actuated by an archimedean screw, and the rising front by rack and pinion.
The Baseboard \& Lens Front are beautifully finished in nickel and dull ebony polish, and fitted with a novel ballbearing infinity catch.
Shutter. - Bausch \& Lomb "Sector," giving marked exposures from 1 second to ${ }^{1 \frac{1}{100}}$ th, in addition to bulb
 and time adjustments. This shutter may be fitted with an antinous release at an extra cost of $2 / 6$.
Lens. - Rodenstock's "Hemi - Anastigmat," working at $f / 7 \cdot 7$, gives a brilliant and well-defined image. This world-famed lens can be relied on under any circumstances.
Finder.-Brilliant, collapsible, with spirit level attached.
Price complete, with three single metal slides in envelope,

## £3 196

Extra dark slides, $1 / 6$ each.
Leather case to take camera and three slides, 6/6 "PLAISAUNCE" No. 23 -PLATE (as Fig. 59).


Fig. 59

Undoubtedly a "Camera de Luxe." The body is superbly made and covered with the finest quality leather. It is fitted with double extension, with rack and pinion, and novel ball-bearing infinity catch.

## SPECIFICATION.

The Front is so designed that it never leaves the runners, and in consequence no difficulty is experienced in drawing it into position. The front is of unique pattern, and as solid as a rock; the rising and sliding movements are actuated by archimedean screws.
Shutter is the well-known
"Essacto Sector," marked in speeds from 1 to $\frac{1}{100}$ th, in addition to bulb and time.

An "antinous" release may be supplied at an extra cost of 2/6
Lens.-Rodenstock "Hemi-Anastigmat," working at $\mathrm{f} / 7 \cdot 7$.
Price complete, with three single metal slides in envelope case, and hooded focussing screen
$\& 4100$
Extra slides, $1 / 6$ each.
Leather case to hold camera and slides, 6/6

We shall be pleased to quote specially for supplying this camera with other makes of lenses and shutters.

## (30)Suito <br> The <br> Dainty Camena

For full particulars of this unique Vest Pocket Camera you should write for the "Sprite" booklet-"IT'S FREE."
"PLAISAUNCE DE LUXE" (as Fig, 60). $\frac{1}{4}$-plate.


Fig 60

Exceptionally well made apparatus, combining every essential movement in the most compact form.

The camera is beautifully covered in real leather, and fitted with a high grade anastigmat lens working at the large aperture of $f / 5 \cdot 5$, so rendering possible instantaneous exposures under adverse atmospheric conditions.

The lens is the celebrated "Tessaplast," emanating from the Dr. Staeble Optical Works, which for the excellence of their workmanship are unsurpassed, and is fitted into a "Koilos" shutter, which automatically gives exposures varying from 1 second to $\frac{1}{250}$ th.
This camera complete with three dark slides.
Our cash price
... £5 176
Good quality leather case to hold camera and slides, price $8 / 6$ Extra slides, $1 / 6$ each.

## "PLAISAUNCE" FOCAL PLANE HAND CAMERA (as Fig. 61).

This camera presents all the necessary features of an apparatus intended for rapid work at the lowest price, consistent with absolute dependability in every direction. The body is built of beautifully ebonized wood, focussing being by rack and pinion or scale, a double extension being provided. The clamping of the front is quite automatic in action, so that no time is lost in making the adjustment. The rising front is actuated by rack and pinion. The lens provided is of superior quality, and of good covering power and is
 fitted into a reliable shutter-time and slow instantaneous exposures, thus adding to the adaptability of the apparatus. The focal plane shutter is fitted with a millimetre scale, and the slot is adjustable to all widths from the outside. A safety lock is provided to retain the slit at full aperture when giving time exposures with front shutter or when using a cap. This adjustment may also be utilized for preventing accidental exposures while the camera is being carried with the shutter set ready for immediate action. A direct vision finder is fitted, and all external fittings are oxidised.

Price complete with three single metal dark slides and hooded focussing screen

Extra slides, $1 / 6$ each.

## Do you want a . .

## Roll Film Camera?

If so, you want the BEST.

C KNOW that in our models sold $\begin{aligned} & \text { under the names of 'ESSACTO' }\end{aligned}$ and 'IMPERIAL' that comparison with all other makes will demonstrate the superior value we offer.

## LATEST AND RELIABLE SHUTTERS. GOOD AND TESTED LENSES. SOUND CAMERAS.

Photographic Department.

## "KELVIN" FOLDING FOCAL PLANE CAMERA

(as Fig. 62). For pictures $4 \frac{1}{4}$ by $3 \frac{1}{4} \mathrm{in}$.


Fig. 62

A most ingenious and well-made camera, designed for high-speed photography. The camera folds into the smallest possible space, and is instantly ready for use. The lens is fitted in helical focussing mount, scaled from $5-\mathrm{ft}$. to infinity. The lens supplied is Busch "Detective" aplanat No. 2B, which is an instrument capable of doing any work which is likely to be expected of it. The shutter, which is adjustable for all speeds and width of slit from the outside, is of a pattern which has been proved by long experience to be reliable and not likely to get out of order. The width of the slit can be regulated to $5 \mathrm{~m} . \mathrm{m}$. ., giving a range of automatic speeds from approximately $\frac{1}{15}$ th of a second to what is usually known as $\frac{1}{1000}$ of a second. In addition, the blind can be opened to the full width of the plate for giving time exposures. A direct vision finder is fitted, and this pattern has been adapted as the most practical by all high speed workers.

Three single plate holders are supplied with each camera. The body of camera is of beautifully ebonised wood, with a hard seal-grain covering.

Extra slides, $1 / 6$ each.

## "HUXLEY" FOCAL PLANE FOLDING CAMERA

(as Fig. 63).
This camera combines all the requirements for high speed work, and is in every way superior to anything that has previously been offered for this purpose. The focal plane shutter is one of marvellous simplicity, and it is impossible for it to get out of order with ordinary usage. There are five different widths of slit available, which are in each case fixed, so that the exact exposure is known with such accuracy that is impossible with shutters in which the slit is variable in width. This is attained by having a blind of

Fig. 63
 extra length with the fixed slits in different portions of it. The mere operation of setting the shutter brings into use any one of these slits as desired, the width being indicated automatically by a dial on left hand of camera. The shutter will also give

## "HUXLEY" FOCAL PLANE FOLDING CAMERA-continued.

time exposures with finger or pneumatic release. The blind may be locked so that it cannot be operated while the "Wollensak" shutter, which is fitted on the lens, is in use. This latter shutter will give exposures for time or bulb, and automatically short exposures marked from 1 second upwards, so that with both shutters available a range of automatic exposures from 1 second to $\frac{1}{1000}$ th of a second is possible.

The lens is the well-known "Busch" rapid rectilinear, working at $f / 8$. The camera itself is beautifully made of highly polished mahogany, covered with a very hard wearing seal-grain keratol. A rising front is available, and though a focussing scale is fitted, focussing may be done with rack and pinion, which may be locked at any position, The maximum extension is 9 in .; the view finder is the "Newton's" direct vision pattern, which has been proved to be the most satisfactory for high speed work.

Each camera is complete with two pneumatic releases, bushes for either horizontal or vertical pictures, and three double plate holders, which are so fitted that they may be used for either $\frac{1}{4}$-plates or 9 by $12 \mathrm{c} . \mathrm{m}$., a convenience which will be appreciated by all who, travelling on the Continent, experience a difficulty in obtaining English size plates. The focussing screen has a large and useful folding hood, dispensing entirely with a focussing cloth. Price complete with three double dark slides
… \&5 36
Solid leather case for above, 10/6. Extra double dark slides, 5/- each.

## LANCASTER EXTENSION ADAPTER

(as Fig. 64).

Enables a $\frac{1}{2}$-plate picture to be taken with a $\frac{1}{4}$-plate or 5 by 4 camera, slight stopping down of the lens only being necessary. The adapter is fitted into the grooves in which the dark slide is usually held, and so is removable at any time.


Fig. 64
Model A for Hand Cameras.-Extension adapter in black-polished mahogany with nickel-plated fittings, complete with collapsible focussing hood and single metal dark slide. (If desired an ordinary focussing screen can be supplied in lieu of focussing hood).
To take post-card ( $5 \frac{1}{2}$ by $3 \frac{1}{2} \mathrm{in}$.) from $\frac{1}{4}$-plate or $3 \frac{1}{2}$ by $2 \frac{1}{2} \mathrm{in}$. each £O 150 " $\frac{1}{2}$-plate from $\frac{1}{4}$-plate, 5 by 4 , or post card
The adapter with double dark slide, of best quality, with aluminium shutters, very light and beautifully made:-
To take post card ( $5 \frac{1}{2}$ by $3 \frac{1}{2}$ in.) from $\frac{1}{4}$-plate or $3 \frac{1}{2}$ by $2 \frac{1}{2}$ in. each \&1 0 ") $\frac{1}{2}$-plate from $\frac{1}{4}$-plate, 5 by 4 , or post card

## LANCASTER EXTENSION ADAPTER-continued.

Model B for Stand Cameras.-Extension adapter in polished mahogany, with brass fittings, highly finished and lacquered, complete with focussing screen and single metal dark slide.
To take post card ( $5 \frac{1}{2}$ by $3 \frac{1}{2} \mathrm{in}$.) from $\frac{1}{4}$-plate or $3 \frac{1}{2}$ by $2 \frac{1}{2} \mathrm{in}$. each $\mathbf{8 0} 126$ " $\frac{1}{2}$-plate from $\frac{1}{4}$-plate, 5 by 4, or post card $\ldots, \quad, \quad 0150$

Collapsible focussing hood (P.C. or $\frac{1}{2}$-plate), 2/6 extra.
The adapter with double dark slide, of best quality, with aluminium shutters, very light and beautifully made :-
To take post card ( $5 \frac{1}{2}$ by $3 \frac{1}{2} \mathrm{in}$.) from $\frac{1}{4}$-plate or $3 \frac{1}{2}$ by $2 \frac{1}{2}$ in. each $\mathbf{£ 1} 176$ " $\frac{1}{2}$-plate from $\frac{1}{4}$-plate, 5 by 4, or post card $\ldots$... $\quad 1150$
", $\frac{1}{1}$-plate from $\frac{1}{2}$-plate $\ldots$... ......
", 15 by 12 in . from 12 by 10 in . or 10 by $\sin$.
The slides in all sizes from $\frac{1}{1}$-plate upwards are best quality double book-form mahogany.
Collapsible focussing hood (P.C. or $\frac{1}{2}$-plate) if required, $2 / 6$ extra. Extra Slides for Model A or B.


Carriers.
$\frac{1}{2}$-plate to post card, for use with $\frac{1}{2}$-plate slides... $\}$ each \&0 16 $\frac{2}{2}$-plate to 5 by 4
Where extra extension only is required, a new pattern of the extension adapter Model C in specially compact form may be used, taking purchaser's own dark slides and focussing screen.
$\left.\begin{array}{ll}3 \frac{1}{2} \text { by } 2 \frac{1}{2} \text { in. } & \ldots \\ \frac{4}{4} \text { plate } & \cdots \\ 5 \text { by } 4 & 4 \\ \text { P.C. }\left(5 \frac{1}{2} \text { by }\right. & \left.3 \frac{1}{2} i n .\right) \\ \frac{1}{2} \text {-plate } & \ldots\end{array}\right)$

|  |  | 20100 |
| :---: | :---: | :---: |
| 2 to 6 in . |  | 0100 |
| 1 to 9in. | according to | 0126 |
| 2 2 to 9 in . | requirements | 0126 |
| 3 to 9 in . |  | 0150 |

## Special adapters made to order.

With this adapter the single combination of the lens can be used as a long focus lens, while any of the Telephoto and supplementary lenses on the market can be used with cameras of short extension.
A charge of $1 / 6$ upwards made for fitting to customers' own cameras.
When ordering it is necessary to send either the back of camera or dark slide and state which model is required.
Minimum Increase of Exposure. Maximum Correction.
Best Finish. :: :: :: :: Lowest Price

## ALBUMS.

SCRAP ALBUM, for Paste-down Photos (as Fig. 65).


Fig. 65

A very superior line, bound in half French morocco, cloth sides, gilt lines, with best quality cream cardboard leaves, linen-jointed.


Upright albums and gilt edges supplied to order, size of leaves slightly different.

## "ARTISTIC" SERIES <br> Well bound in cloth, artistic design as per illustration, good quality, plain art tinted boards, linen-jointed. Colours of leavesassorted green and grey. A very superior album. <br> No. <br> 703A for 24 prints C.D.V. 9d. 703B , 48 706A 24 " $"$ 1/3 $706 \mathrm{~B}, 48 \quad " \quad$ 4-plate $1 / 3$ $\begin{array}{llll}709 \mathrm{~A} \\ ", 24 & \text { " } & \frac{1}{2} \text {-plate } \quad 1 / 11 \\ 1 / 9\end{array}$ 709B " 48 ", $\quad$, $2 / 9$




Fig. 66

## "TITIAN" P.D. ALBUM

(as Fig. 67).
A superior paste-down album, with flexible art canvas cover and 12 assorted hand-made art paper leaves with rough edges.

$$
\begin{array}{clc}
\text { No. } & \text { Size of Leaves } \\
1209 \text { A } & \ldots & 9 \text { by } 6 \frac{3}{4}-\mathrm{in.} . . .
\end{array} \text { price } 2 / 11
$$

Fig. 67

## "TITIAN" GIFT ALBUM

 (as Fig. 68).As Fig. 67, but bound in velvet kid flexible leather, either brown or green, and forms a very acceptable gift.

\[

\]


"REMINISCENCES" ALBUM (as Fig. 69).
Bound in cloth or art canvas, openings of various sizes and shapes, leaves of various art tints. No paste or gum required.


Fig. 69

"REMINISCENCES" GIFT ALBUM (as Fig. 70).


Fig. 70

Bound in green or chocolate velvet kid leather, with silk headband and gilt edges. This album is arranged with stout tough dark art tinted paper leaves instead of card, and is in consequence much thinner than the usual series, and at the same time flexible. It forms an elegant and acceptable present.

One size only to take 96 photographs up to $\frac{1}{4}$ plate.

$$
\text { Price } \quad . . \quad . . \quad 4 / 9
$$

## "GAINSBOROUGH" SLIP ALBUM

(as Fig. 71).
Bound in art canvas, with linen jointed leaves, with oval and square openings, assorted. One size only to take 24 - plate prints, one on a page.

No. 206A ... price $10 \frac{1}{2} \mathrm{~d}$.


Fig. 71

## " PRESENTATION " ALBUM, Slip-in (as Fig. 72).

Bound whole padded roan leather, linen-jointed leaves, gilt edges. A thoroughly well finished and handsome album, and exceedingly cheap. Supplied with red and green covers.


## "EXCLUSIVE" SERIES, Slip-in Albums.

(as Fig. 73).
A beautifully finished and attractive slip-in album, with assorted art leaves, plate-marked round opening, giving a finished appearance to the print. Bound in Florentine art cloth of a new and exclusive pattern, with neat design blocked in gold. Quarterplate size only.


Fig. 73

"CAMEO" SERIES, Slip-in (as Fig. 74).
Bound whole padded cloth, linen-jointed leaves. Stock colours of leaves-dark green, brown and grey. A remarkably cheap and effective album.


Fig. 74

| No. | 600 for | or 12 p | tures | $\ldots$ | $\ldots$ |  | on page | $\ldots$ | $5 \frac{1}{2}$ by $3 \frac{1}{2} \mathrm{in}$. |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ,, | 600A | ,, 24 | " | $\ldots$ | ... | 1 | " | $\ldots$ | ,, | 1/8 |
| , | 600B | ,, 48 | , | ... | ... | 2 | " | $\ldots$ | , | 2/5 |
| ,, | 600C | ,, 96 | , | ... | ... | 2 | , | ... |  | 3/9 |
| ," | 602 | , 12 | , , | $\ldots$ | ... | 1 | " | $\ldots$ | 21 by 24 in . | 8d. |
| , | 602A | ,, 24 | , | ... | ... | 1 | " | $\ldots$ | , | 10d. |
| ,, | 602B | ,, 48 | ,, | $\ldots$ | ... | 1 | " | $\cdots$ |  |  |
| , | 603 | ,, 12 | " | $\ldots$ | ... | 1 | , | $\ldots$ | $3 \frac{1}{4}$ by 24 in . | 9 d. |
| ," | 603A | ,, 24 | , | $\ldots$ | ... | 1 | " | ... | , | 1. |
| " | 603B | ,, 48 | , | $\ldots$ | ... | 2 | , | $\ldots$ | " | 1/6 |
| ," | 603c | ,, 96 | " | ... | ... | 4 | 4 , | $\ldots$ |  | 2/5 |
| , | 604 | ,, 12 | " | ... | ... | 1 | " | $\ldots$ | by $2 \frac{1}{2}$ in. | 9d. |
| , | 604A | ,, 24 | " | ... | ... | 1 | 1 " | $\ldots$ | , | 1/3 |
| , | 604B | , 48 | " | ... | ... | 2 | , | ... | " | 1/6 |
| ,, | 605 | ,, 12 | " | ... | ... |  | " | ... | $\frac{1}{4}$ by 3 ain. | 9d. |
| ," | 605A | ,, 24 | " | $\ldots$ | ... |  | 1 " | $\ldots$ | " | 1/6 |
| , | 605B | , 48 | " | ... | ... |  | 2 " | $\cdots$ | 1-plate | 1/6 9 d. |
| , | 606 | ,, 12 | " | $\ldots$ | ... |  | " | $\cdots$ | 4-plate | 9d. |
| , | 606A | ,, 24 | " | $\ldots$ | $\ldots$ |  | 1 " | $\cdots$ | " | 1/- |
| ,, | 606B | ,, 48 | " | $\ldots$ |  |  | 2 " | $\ldots$ | " | 1/9 |
| , | 606c | ,, 96 | " | ... | ... |  | 2 " | $\ldots$ | " | 2/4 |
| , | 606D | , 96 | , | ... |  |  | 4 " | $\ldots$ | " | 2/8 |
| ,, | 606x | ,, 144 | , | ... | ... |  | 4 " | ... |  | $3 / 9$ $1 / 3$ |
| , | 607 | ,, 12 | " | $\ldots$ | ... |  | 1 " | $\cdots$ | 5 by 4 | 1/3 |
| ,, | 607A | ,, 24 | , | ... |  |  | " | ... | " | 1/8 |
|  | 607B | , 48 | " | ... |  |  | 1 " | $\cdots$ |  | 2/3 |
| ", | 608 | ,, 12 | " | $\ldots$ |  |  | 1 | ... | Cabinet | 1/3 |
|  | 608A | ,, 24 | , | ... |  |  | 1 " | ... | , | 1/8 |
|  | 608B | ,, 48 | , | ... | ... |  | 1 " | ... |  | 2/5 |
|  | 609 | ,, 12 | " |  | $\ldots$ |  | 1 " |  | $\frac{1}{2}$-plate | 1/4 |
|  | 609A | ,, 24 | " | $\ldots$ | $\ldots$ |  | 1 " | $\ldots$ | , | 2/- |
| " | 609B | , 48 | " | $\cdots$ | $\ldots$ |  | " | ... | " | 2/9 |

## "LANDSCAPE" SERIES, Slip-in (as Fig. 75).

Green art canvas covered album with neat design. Matt art leaves. A really high-class album of very superior finish. Neat and attractive.


Fig. 75

No. 1403A for 24 prints

| " | 1403B | ,, 48 | " |
| :---: | :---: | :---: | :---: |
| " | 1406A | ,, 24 | " |
| , | 1406B | , 48 |  |
| , | 1406c | ,, 96 | ", |
| " | 1407A | ,, 24 | , |
| , | 1407B | ,, 48 | " |
| " | 1409A | ,, 24 |  |
| " | 1409B | ,, 48 |  |

## "SEASONS"

SERIES, Slip-in Album
(as Fig. 76).
A very high-class series of slip-in albums, exceptionally well made and artistic in design. The cover is of fine art cloth, with chaste design, representing three seasons, in gold. The leaves are of either green, grey, or brown matt card, one colour only in a book, and have white margins round the openings.

| No. | 503A | hold | 24 | prints |
| :---: | :---: | :---: | :---: | :---: |$\ldots$



Fig. 76

"WHISTLER" Paste-down Album (as Fig. 77).
Made to supply the
 requirements of those who desire to present to their friends an artistic souvenir of a holiday. Each album contains 12 leaves of linen surface art paper of assorted tints, which enhance the beauties of any printsmounted thereon.

$$
\begin{gathered}
\text { Size } 6 \frac{1}{2} \text { by } 4 \frac{3}{4} \text { in. ... } 6 \mathrm{~d} . \\
, \quad 8 \frac{1}{4} \text { by } 6 \frac{1}{4} \text { in. ... } 9 \mathrm{~d} .
\end{gathered}
$$

Fig. 77

## "FLORENCE" ALBUM

Paste-down (as Fig. 78).
Contains 12 leaves of art paper, size 8 by 6 in ., and is so made that the leaves may be withdrawn and renewed as desired.

One size only. Price $10 \frac{1}{2} \mathrm{~d}$.


Fig. 78

"COLLEGE" SLIP ALBUM
(as Fig. 79).

Fig. 79
A high-class album designed for holding a large number of prints, and therefore correspondingly strongly made. It is half-bound in velvet kid leather, with art canvas covers. The leaves are of æsthetic tints.

| ${ }_{1} \mathrm{No}$ (1) | To hold |  |  |  |  |  | 6 on a page |  | 5/6 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 103 | 144 | , | $3 \frac{1}{4}$ by $2 \frac{1}{4} \mathrm{in}$. (C.-de | No. | P. K |  | 6 |  | 6/- |
| 103A | 300 | , | , | , | , |  | 6 | " | 8/6 |
| 106 | 96 | " | 4 -plate | ... | ... |  | 2 | " | 6/6 |
| 106A | 200 | , | $\ldots$ | $\ldots$ | ... | . | 4 | " | $8 / 6$ |
| 100 | 96 | ," | Post Card size... | $\ldots$ | $\ldots$ | ... | 2 | " | 8/6 |
| 100A | 200 | , | " | ... | $\cdots$ | $\ldots$ | 4 | " | 11. |

"OXFORD" P.D. ALBUM (as Fig. so).


Fig. 80
A beautifully bound book, containing 25 leaves of matt art grey card, the tint being such as to enhance the beauty of any prints mounted on it. The covers are art canvas, half-bound in brown velvet kid leather, with real English gold finish. Oblong only.

| No. SA1 | Size of le | , 71 by 9 in . |  |  | $5 /$. |
| :---: | :---: | :---: | :---: | :---: | :---: |
| SA2 | ", " | $8{ }^{\frac{8}{4}}$ by 10 in . | ... |  | 5/9 |
| SA3 | ," ', | $9 \frac{1}{2}$ by 11 in . | ... |  | 7/- |
| SA4 | " ", | 14 by $10 \frac{1}{2} \mathrm{in}$. |  |  | 9/6 |

"DURHAM" LOOSE LEAF ALBUM (as Fig. 81).


Fig. 81
Contains a number of art paper leaves, easily removable at will, so enabling the amateur to re-arrange and keep his album up to date. Supplied in two bindings-art duck cloth or red American Russia leather.
No. LLL1 Red American Russia Leather, size of leaf, $6 \frac{1}{2}$ by $8 \frac{1}{2} \mathrm{in}$. ... 6/9
 Refills for Albums LLL1 and LLC1, $1 / 6$ per packet.


## 20: Century border negatives <br> FOR POST CARDS (as Figs. 82 and 82a).

These are supplied in packets of four tasteful and refined designs, and lend a superior finish to portraits or views round which they may be printed. By their means a small print may be made to produce a full size post card with finished appearance.

In packets .... ... ... $5 \frac{1}{2} \mathrm{~d}$.


Fig. 82


Fig. $82 a$
"20th CENTURY" BORDER NEGATIVES-continued.


Fig. 83
Sets Nos. 10 and 12, with Christmas mottoes (as Fig. 83), per set, $5 \frac{1}{2} \mathrm{~d}$.

## 20* Century border negatives

1 (as Fig. 83a-Sets 13 and 14), with interchangeable mottoes.
Each border negative is so designed that it may be used with a variety of different mottoes, or the space intended for same may be filled with an artistic design, of which an

Sets 13 and 14, with interchangeable mottoes (as Fig. 83a) per set $5^{1} \mathrm{~d}$ d.


Fig. 83a

## BACKGROUNDS.

Plain, washable, different tint each side. No. 1, cream and slate grey.
No. 2, stone and light grey- 50 by $40 \mathrm{in} ., 2 /-; 70$ by $40 \mathrm{in} ., 2 / 6 ; 72$ by $72 \mathrm{in} ., 4 / 9$.
Painted cloth backgrounds, interior and exterior- 8 by $6 \mathrm{ft} ., 15 /-; 8$ by $8 \mathrm{ft} ., 25 /-$
Painted in oil, 6/- each extra.

## BACKING ("20th Century") Caramel.

"Will be found to admirably answer the purpose for which it is intended."
Per bottle
$5 \frac{1}{2} \mathrm{~d}$.

## BACKING PAPER.

"A" to prevent halation (gummed); "B" waterproof, for mounting glazed prints. For $\frac{1}{4}$-plate, $\frac{1}{2}$-plate, or $\frac{1}{2}$-plate. In packets, $5 \frac{1}{2} d$. each.

## BACKING PADS, for Printing Frames.

India-rubber, good quality. Per doz., $\frac{1}{3}$-plate, 8 d .; $\frac{1}{2}$-plate, $1 / 6 ; \frac{1}{1}$-plate, $2 / 6$

## BAGS.

Bags, light-tight. One yellow envelope to take plate, and one black one in which to place the yellow one, thus rendering the plate absolutely safe from light.

Bags, Negative, best quality (thick glazed brown)-$\frac{1}{4}$-plate, 8d. per 100 ; $\frac{1}{2}$-plate, 11d. per 100.

## BALLS, TUBES AND TEATS, for Shutters.

Best quality red rubber
... price $1 / 6$
"Arabesque," universally recognised to be the most reliable ... ", 2/-
"Oval Release," best quality red rubber, for between lens shutters
Owing to the continued fluctuations in the cost of rubber, these prices are liable to alteration without notice.

## WATSON'S PATENT "ANTINOUS" RELEASES,

for Shutters,
are now supplied for practically any make and pattern of camera or shutter.
Illustrations (full size) of the patterns principally in demand, with particulars of the best known cameras and shutters to which they can be fitted :-

For "Thornton-Pickard" and other makes of roller blind shutter (as Fig. S4).


Fig. 85


Fig. 84
For cameras with projecting trigger, operated by pull down movement, and all shutters that require to be similarly operated (as Fig. 85).


Fig. 89

## WATSON'S PATENT "ANTINOUS" RELEASES-continued.



For "Koilos," "Ensign," "Sector," and "Compound" shutters (as Figs. 86, 87, and 88).
Fig. 86


Fig. 87
For the "Automat" and ball-bearing shutters supplied on Nos. 3 and 3a "Kodaks," special pattern Releases are supplied, and full particulars of the shutter should be given when ordering.

Price for any standard pattern up to two feet long, 2/6

## " KNIPSI."

1.-For India Rubber Bulb.


Fig. 90
2.-For Wire Release.


A contrivance permitting of photographic groups being taken, in which the photographer may include himself. These are absolutely certain in action, the release being brought about by the burning of a fuse thread releasing a small ring which holds the shutter mechanism under control. This little appliance is supplied to work with shutters fitted with an antinous release, or with a pneumatic ball and tube.

$$
\begin{aligned}
& \text { Price for either pattern, } \\
& \text { complete with a supply of } \\
& \text { fuses and rings, } \\
& 3 / 6
\end{aligned}
$$



## BLOTTING SHEETS.

Thin, $22 \frac{1}{2}$ by $17 \frac{1}{2}$ in., $1 / 3$ per quire.
Thick white (highly absorbent), does not fray or tear-
2/10 per quire; 2 d . per sheet.

## BLOTTING BOOKS.

W0006" "Fotonic." A book containing 12 leaves of an extra thick and strong blotting board-chemically pure and fluffless. Size ... 12 by $9 \frac{1}{2}$ in. Price ... 1/- each.
"A.P." LITTLE BOOKS (as Fig. 91).


Fig. 91

| No. 1 | "To make Bad Negatives into Good" | $\ldots$ | $\ldots$ | 4 d. |
| ---: | :--- | :--- | :--- | :--- |
| $" 2$ | "Development Made Easy " | $\ldots$ | $\ldots$ | $\ldots$ |
| 4 d. |  |  |  |  |
| $" 3$ | "How to ensure Correct Exposures " | $\ldots$ | $\ldots$ | 4 d. |
| , 4 | "Home Portraiture Made Easy "... | $\ldots$ | $\ldots$ | 4 d. |



## CHATS ON PHOTOGRAPHY

(as Fig. 92).

Undoubtedly the best and most up-to-date guide for the amateur.

180 pages, well illustrated, price 6 d .

## A Focal Plane

## Camera <br> at the . . <br> Right Price.



The "PLAISAUNCE"-a name denoting absolute dependability in every direction-places within the reach of all an apparatus capable of fast speed work.

## SIMPLICITY IS THE KEYNOTE

OF ITS CONSTRUCTION.
The Focal Plane Shutter is fitted with a millimetre scale, and the slit is adjustable to all widths from the outside. The Lens is of superior quality and good covering power.

$$
\text { Our Price , £3 } 140
$$

## BOOKS (Photographic Publications).



BOTTLES (as Figs. 93 and 94).

Fig. 93


White glass, well stoppered, with etched label upon which the name of the chemical can be written with a pencil and removed with a wet sponge.

2oz. 4oz. 8oz. 10oz. 20oz.
Narrow mouth Wide mouth...)

4 d.
4d. 5 d .
$6 \mathrm{~d} . \quad 6 \frac{1}{2} \mathrm{~d}$. 9 d .
"DROP BOTTLES"
(as Fig. 95).



Fig. 94

BOXES (Light-tight).

Japanned metal, with clips, for paper For plates, 12 grooves

|  | $\frac{1}{4}$-plate | 5 by 4 | $\frac{1}{2}$-plate | $\frac{1}{1}$-plate |
| :--- | :---: | :---: | :---: | :---: |
| $\ldots$ | $1 / 3$ | $1 / 6$ | $1 / 6$ | $1 / 9$ |
| $\ldots$ | $10 \frac{1}{2} \mathrm{~d}$. | $1 / 2$ | $1 / 3$ | $1 / 9$ |



BOXES (Negative)
(as Fig. 96).
Negative Storage Boxes, of varnished white wood, well made and finished, with numbered grooves and tablet in lid ( 50 grooves).

Fig. 96

## Unequalled Value.



It is at once a complete, accurate and practical method of keeping negatives. It saves valuable time, and ensures that not only can every individual negative be found instantly when wanted, but that any desired collection of negatives relating to any particular subject or district will be found all together. The "Negasys" File allows the arrangement of the negatives to be changed whenever it is found desirable to do so. Every negative is accessible at all times. The title and data concerning each negative can be examined without removing the negative from the file.

One "Negasys" will hold as many negatives as an ordinary negative box three times the size, so the saving in space alone is enormous. Negatives can be filed by localities, by subjects, by dates,


Fig. 97 numerically, or in any other way desired. Guide cards can be used to divide or sub-divide the negatives. The index gives reference to each subject and of course gives a complete list of the contents at all times.
Prices of "Negasys" File.
$\frac{4}{4}$-plate box, complete with envelopes, \&c., takes 50 negatives ... $1 / 6$



Fig. 98

## BRUSHES.

MOUNTING BRUSHES (hog hair).

| lin. flat | $\ldots$ | $\ldots$ | $\ldots$ | $2 \frac{1}{2} d$. |
| :--- | :--- | :--- | :--- | :--- |
| Stump | $\ldots$ | $\ldots$ | $\ldots$ | 4 d. |
| 1in. flat, albatum mounted | 5 d. |  |  |  |

## DUSTING BRUSHES.

Flat camel hair
2in. $5 \frac{1}{2} \mathrm{~d}$.
3 in. $7 \frac{1}{2} \mathrm{~d}$.


Fig. 99

BRUSHES (Sable) FOR SPOTTING.

| No. 0 | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | 4 d. |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| . | 1 | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | 4 d. |
| , | 2 | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | 5 d. |
|  | 3 | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | 6 d. |
| , | 4 | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | 7 d. |

MOP BRUSHES, camel hair (as Fig. 100).

| Small | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | 3d. |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Medium | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | 4 d. |
| Large | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | 6d. |

BRUSHES FOR OIL PIGMENT \& "BROMOIL" PROCESSES IN STOCK.

## CAMERA CASES.

Tc hold Stand Camera and three Double Dark Slides.


Fig. 101
"A," limp waterproof case, with shoulder strap. $\frac{1}{1}$-plate, $1 / \mathbf{1 0} ; \frac{1}{2}$-plate, $2 / 10 ; \frac{1}{1}$-plate, $\mathbf{4 / 3}$
" AX" (as Fig. 101), limp waterproof canvas, best quality, green cloth lined, web sling shoulder strap, two front straps and buckles.
$\frac{1}{4}$-plate, $3 / 6 ; \frac{1}{2}$-plate, $4 / 6 ; \frac{1}{1}$-plate, $5 / 9$
"AA." limp, best quality mail cloth, with web. sling shoulder strap and handle.
t-plate, $4 / 3 ; \frac{1}{2}$-plate, $5 / 6 ; \frac{1}{1}$-plate, $7 / 6$
"B" (as Fig. 102), stiff waterproof canvas, lined green baize, with handle and shoulder strap.
$\frac{1}{\text {-plate, }} 4 / 3 \quad \frac{1}{2}$-plate, $5 / 6$
\&-plate, $7 / 6$

"C" (as Fig. 103), solid black leather, with nickel lock and key, shoulder strap, handle and buckles. Best saddler sewn.

$$
\frac{1}{4} \text {-plate, } 10 / 3 \quad \frac{1}{2} \text {-plate, } 14 / 6
$$

$\frac{1}{1}$-plate, 18/9

Fig. 103



LEATHER CASES FOR FILM CAMERAS
(as Fig. 104).
Solid leather, black or brown.

| No. 1 | "F.P.K." | $\ldots$ | $\ldots$ | $\ldots$ |
| :--- | :--- | :--- | :--- | :--- |
| No. 1A "F.P.K.", | $\ldots$ | $\ldots$ | $\ldots$ | $5 / 6$ |
| No. 2 "F.P.K.", | $\ldots$ | $\ldots$ | $\ldots$ | $5 / 6$ |
| No. 3 "F.P.K." | $\ldots$ | $\ldots$ | $\ldots$ | $5 / 6$ |
| No. 3A "F.P.K.", | $\ldots$ | $\ldots$ | $\ldots$ | $6 / 6$ |
| No. 2 "B.E."... | $\ldots$ | $\ldots$ | $\ldots$ | $5 / 9$ |



LEATHER CASES (as Fig. 105), as above, but with patent recess for holding a spare spool of films, $1 / 6$ extra.

Kindly state which Pattern required when ordering.

Fig. 105

## CANVAS CASES FOR HAND AND FOLDING CAMERAS.

"D," limp waterproof canvas, with shoulder strap and leather handle .. inside sizes $6 \frac{1}{4}$ by 5 by 5 in . 2/9
"DA," , ", $\quad$, $\frac{1}{2}$ by $3 \frac{3}{4}$ by 7 in. $3 / 3$
"DE," , ", $8 \frac{3}{4}$ by $4 \frac{1}{4}$ by $7 \frac{1}{2}$ in. $4 / 3$
"F," stiff , , , , 8 $\frac{3}{4}$ by $4 \frac{1}{4}$ by $7 \frac{1}{2}$ in. $5 / 6$
" $G$," $\operatorname{limp~,~,~,~} 9 \frac{1}{2}$ by $4 \frac{1}{2}$ by $7 \frac{1}{4} \mathrm{in} .3 / 9$

## Special Purchase of

## "PATENT" <br> Leather Cases

For Roll Film Cameras with spool recess

(AS ILLUSTRATED).



These cases can only be supplied to definite special order-providing that the stock is not already exhausted.

$$
\begin{array}{rrrrrr}
\text { For No. la } & \text { F.P.K. } & \text { Brown only } & \ldots & \mathbf{3 / 9} \\
" & \text { la } & \text { F.P.K. } & \text { Black and Brown } & \mathbf{4 / 3} \\
" & 3 & \text { F.P.K. } & " \quad " & \mathbf{4 / 9} \\
" & \text { 3a } & \text { F.P.K. } & \text { Brown only } & \ldots & \mathbf{5 / 3} \\
" & \text { 4 } & \text { F.P.K. } & \| & \ldots & \mathbf{5 / 9} \\
" & \text { 4a } & \text { F.P.K. } & \text { Black and Brown } & \mathbf{6 / 9}
\end{array}
$$

About 30 per cent. off usual prices.

All these Cases being perfectly new, this is an opportunity that should not be missed.

CANVAS CASES FOR KODAKS AND ROLL FILM CAMERAS (as Fig. 106).

Superior canvas cases with leather binding and nickel clasps.

| No. 1 | "Brownie" | 1/3 | No. | "olding |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| ,, 2 |  | 1/9 |  | Brownie" | $3 /$ |
|  | " | 2/3 | " | F.P.K." | 2/ |
| 3 | . | 3/- | 1A | " | $2 / 3$ |
| 2 | "Folding |  | , 3 | , | 2/6 |
|  | Brownie" | 2/6 | ,, 3A |  | 3 |
| 3 | ,. | 3/- | , 2 | "B. Eye |  |

CASES FOR TRIPODS (as Fig. 107)


Fig. 107
Waterproof canvas, leather bound, with handle (as Fig. 107).


LEATHER CASES FOR TELESCOPIC TRIPODS.
Black or brown, with handle, best quality (as Fig. 108).


Fig. 108
Leather Cases for "Cambridge" and "Durham" tripods, price 4/6 Cheaper pattern leather case, price 3/-

## GAMERA SUNDRIES.

Dividing Plates-
Metal, loose, with springs $\ldots \frac{1}{4}$-plate, $2 \mathrm{~d} . ; \frac{1}{2}$-plate, $4 \mathrm{~d} . ; \frac{1}{2}$-plate, 8 d . ," hinged, ", ... ", 3d.; ". 6d. ; " 8d.
Camera Screws, various patterns in stock.
Bellows, Racks, Pinions, and all Brass Work obtained to order at the shortest notice.

## CAMERA HANDLES.

Leather, with screws for fixing. Prices $5 \frac{1}{2} \mathrm{~d}$. and $8 \frac{1}{2} \mathrm{~d}$. each.

## CARRIERS.

Wood, single or double, best quality.
$\frac{1}{1}$-plate to $\frac{1}{2}$-plate, $\mathbf{1} / 4$ each ; $\frac{1}{2}$-plate to $\frac{1}{4}$-plate or lantern, 11 d . each.

## CHEMICALS, DEVELOPERS, SOLUTIONS, \&c.

NOTE.-When comparing prices it should be borne in mind that our prices include bottles.

In bottles, as under, of guaranteed purity, and specially selected for Photographic use.


CHEMICALS, DEVELOPERS, SOLUTIONS, \&c.-continued.


[^1]GLAZEIT. Squeegee and Mounting troubles at an end.
For use when glazing P.O.P., Gaslight and Bromide Paper, and Post Cards. Prints will not stick to Ferrotype, glass or celluloid plates after use, but will have a beautiful hard and brilliant enamel polish.

Price per bottle-6d. and $10 \frac{1}{2} \mathrm{~d}$.

## Boote glazing solution.

Prevents the sticking of prints to the Ferrotype glass or glazing slabs and imparts a superior gloss to the surface of the photographs. Does not render the gelatine brittle, and in this respect differing from other preparations sold for the same purpose. In bottles, $5 \frac{1}{2} \mathrm{~d}$. and $10 \frac{1}{2} \mathrm{~d}$.

## JOHNSON'S REDEVELOP INTENSIFIER (as Fig. 109).

Intensification by the new method.
NO MERCURY. NO URANIUM.
Never fails to renovate flat or thin negatives, giving a black quick printing intensification.



## 2P范lentury "LIGHTNING" HYPO REMOVER

(as Fig. 110).
Prints or plates treated with this for three minutes, and then washed for five minutes, are as free from Hypo as if washed for an hour in running water in the ordinary way.

$$
\text { Per bottle ... ... ... } 5 \frac{1}{2} d .
$$

Fig. 110

## " HYPONO."

Prints treated with " Hypono " are completely washed in eight minutes.
"Hypono" is put up in bottles, price 6 d . and $\mathbf{1 / -}$, to suit the profession and the amateur.

## AZOL (Johnson \& Sons)

(as Fig. 111).
The "ACTIVE" One Solution Developer.
Requires diluting with water only.
3oz. bottles making 720z. of Developer.


Fig. 112


Fig. 111

## DIOPHEN (as Fig. 112).

The developer for papers, requiring as it does no addition of caustic or carbonic alkali. Produces an image of a pure black or blue-black tint, free from stains, economical in use, being very pure and highly concentrated, therefore by far the cheapest developer obtainable. A trial will decide its unapproachable superiority. In bottles containing 1oz., 9d. RODINAL (as Fig. 113).

The concentrated one solution developer for all purposes.

| 3oz. bottle | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $1 / 4$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Soz. | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ |
| $2 / 8$ |  |  |  |  |  |
| $160 z$. | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ |



Fig. 113

## Ooote " SCIENTIFIC" DEVELOPER

(as Fig. 114).
This developer has been calculated to meet the requirements of precise workers, having in view the advances recently made in our knowledge of the processes of development. The times of development have been arrived at for different plates at a number of temperatures, and therefore when used in conjunction with a thermometer obviates the necessity for the ocular inspection of the plate during development, and consequent improvement in quality of the negative.

An ideal developer for use in all makes of tanks, development times for the diluted solution being incorporated in the instructions.

The solution is concentrated to eight times the strength of the normal developer.

In bottles, price 1 /.

## $\mathscr{H}$

## PHOTOGRAPHIC THERMOMETERS

(as Fig. 115).
For taking the temperature of developers and other solutions.

> SPECIALLY GRADUATED.

Price ... $8 \frac{1}{2} \mathrm{~d}$.
A similar Thermometer with ivorine scale in nickelled case (as Fig. 116).

Price ... 1/-


Fig. 116

## 20: <br> CENTOIDS.

## ตฟスอ

There are certain Solutions not in daily use which produce best results when fresh. These may be prepared as required from the corresponding Centoids.

For the Holidays they are indispensable, obviating the necessity of packing Solutions.

## ツ2n

## CENTOIDS ARE COMPRESSED TABLETS,

the ingredients of which are guaranteed of — UTMOST PURITY with the greatest accuracy in compounding.

## CASH CHEMISTS (P)IOTOGRAPHMENT DEPARTME

## . $\mathscr{B e}_{\text {cot }}$ STANDARDISED DEVELOPERS.

Prepared in our own laboratory under scientific control. Only chemicals of extreme purity and distilled water used.

PYRO SODA, A or B (as Fig. 117).

Per 8oz, bottle
... ... 4 d .


Fig. 118

## HYDROKINONE UNIVERSAL

 DEVELOPER (as Fig. 119).A highly concentrated single solution suitable for plates, papers or films. Convenient and infallible.

$$
\text { Per 8oz. bottle ... ... } 1 / 1
$$



Fis. 117
HYDROKINONE, A or B (as Fig. 118).

$$
\begin{array}{cllll}
\text { Per Soz. bottle } & \ldots & \ldots & 4 \mathrm{~d} . \\
, \text {, 20oz. ., } & \ldots & \ldots & 8 \mathrm{~d} .
\end{array}
$$



Fig. 119


## Boots "AMATEUR" DEVELOPER

(as Fig. 120).
A concentrated one solution developer, suitable for plates, papers and films.

$$
\text { Per bottle } . . . \quad \ldots \quad 6 \mathrm{~d} \text {. }
$$

Fig. 120

## 20th Century Specialities.

"EACH THE BEST IN ITS CLASS."

## " 20th CENTURY" COMBINED TONING AND FIXING SOLUTION (as Fig. 121).

This solution has, in spite of the bad reputation brought on preparations of this class by cheap and nasty concoctions rich in lead salts and poor in gold, created a unique position for itself on account of the great variety of beautiful tones which it is possible to obtain by its use. We have prints in our possession toned with this well-tried preparation which preserve their pristine vigour after many years' exposure to atmospheric influences.
Per 10oz. bottle ... 912 d. Per 20-oz. bottle ... $1 / 4$


Sample bottle ... 6d.


Fig. 121

## "20th CENTURY" CONCENTRATED GOLD TONING SOLUTION (as Fig. 122).

Presents in a convenient form the well-known sulphocyanide bath, which is preferred by many workers to any other, and can be relied on to be of constant composition and always ready for use.

Per $1 / 3$ bottle

$$
\ldots \quad 11 \frac{1}{2} \mathrm{~d} .
$$

## " 20th CENTURY" SEPIA TONER (ODOURLESS)

(as Fig. 123).


Fig. 123
A concentrated solution for producing the now popular sepia tones on bromide and gaslight prints.

By a special process of manufacture, the objectionable odour usually associated with similar preparations is practically eliminated.

Price per set of two bottles
...
$5 \frac{1}{2} \mathrm{~d}$. and 11 d .

## "20th CENTURY" URANIUM INTENSIFIER AND TONING SOLUTION (as Fig. 124).

This solution produces the maximum of intensification which it is possible to obtain by any known process. Negatives which are mere ghosts are easily brought up to full printing density.

By suitable dilution this preparation may be used for giving a variety of tones on bromide paper.

$$
\text { Per bottle } \quad \ldots \quad \ldots \quad 5 \frac{1}{2} d . \text { and } 10 \frac{1}{2} \mathrm{~d} \text {. }
$$



Fig. 124


Self-Toning Paper tran olit


## "20th CENTURY" ENRICHEUR


(as Fig. 125).
Disappointment is often experienced when a platinotype or bromide print on drying loses all the brilliance and vigour which it possessed when taken from the washing water. One or two coats of "Enricheur" will restore this brilliance, giving increased depth in the shadows without producing an undesirable gloss, and at the same time protect the print from atmospheric influence.

$$
\text { In bottles } \quad \ldots \quad 6 \frac{1}{2} \mathrm{~d} . \text { and } 11 \frac{1}{2} \mathrm{~d} \text {. }
$$

[^2]
## "20th CENTURY" NEGATIVE VARNISH

(as Fig. 126).
Produces a hard resistant coating without the application of heat.

Price per bottle ... $5 \frac{1}{2} \mathrm{~d}$. and $9 \frac{1}{2} \mathrm{~d}$.


Fig. 126


## " 20th CENTURY" MATT VARNISH

(as Fig. 127).
Produces a fine matt surface, rendering it easy to work at the back of negative with stump or pencil.

Price per bottle
... 512 $\frac{1}{2}$. and $10 \frac{1}{2} \mathrm{~d}$.

## CARTRIDGES AND PACKETS.

## "20th CENTURY" DEVELOPER TUBES

(as Fig. 128).

Most convenient for travelling and where space is a consideration. Highly concentrated. In air-tight glass tubes. In pairs, A and B, to make Soz. of developer.



## "20th CENTURY" COMBINED TONING AND FIXING CARTRIDGES.

In powder form, in sealed glass tubes, highly concentrated, and giving excellent results. Price per tube, $3 \frac{1}{2}$ d. ; per 12 tubes, $3 / 3$

## "20th CENTURY" MERCURIC INTENSIFIER.

A great convenience, enabling amateurs to conveniently intensify negatives without having a poisonous solution to prepare or stock. In sealed tubes, powder form. Price per tube, 3d.; per box of six, $1 / 3$
"20th CENTURY" PACKETS (as Fig. 129).

## Pyro Soda

to produce 8oz. of Developer.

## Hydrokinone

to produce 8oz. of Developer.

## Metol Quinol

to produce 4 to 10 oz . of Developer.

## Toning and Fixing

 to produce 4 oz . of SolutionIn packets, 2 d . each.


Fig. 129

CANISTERS.


Fig. 130

## "2Oth CENTURY" CANISTERS

(as Fig. 130)
are offered as an alternative to the ordinary solution, and for travellers are a decided convenience. Each canister will make two 200 . bottles of the respective developers.


## "20th CENTURY" NEUTRAL TONING AND FIXING SALTS (as Fig. 130a).

Needs only solution in water to prepare a neutral toning and fixing solution rich in gold and producing tones of the greatest beauty. This will meet the requirements of those who object to the usual acid toning and fixing solutions.

- Packed in canisters, making 12oz. and 36oz. of solution respectively at $5 \frac{1}{2} \mathrm{~d}$. and $1 /$ -



## "20th CENTURY" ACID HYPO

(as Fig. 131).
Specially prepared for fixing gaslight and bromide papers, obviating, as it does, stains, and at the same time hardening the surface of the paper.

| In tins | $\ldots$ | $\ldots$ | 4 oz .3 d. |
| :---: | :---: | :---: | :---: |
| $"$ | $\ldots$ | $\ldots$ | 8 Boz. $5 \frac{1}{2} d$. |
| $"$ | $\ldots$ | $\ldots$ | $16 \mathrm{oz} .10 \frac{1}{2} \mathrm{~d}$. |

## CENTOIDS.



## "20th CENTURY" CENTOIDS (as Fig. 132)

are compressed tablets combining extreme accuracy and convenience, both in storage and usage of those chemicals not in daily use, therefore at all times ensuring a perfectly fresh and active solution.

Fig. 132


## CENTOIDS-COMBINED TONING AND FIXING.

Contain in one tablet the constituents of a combined toning and fixing bath, and require no addition whatever. Price 10 d .

For the convenience of those who desire to use their stock developer with the Chromium Intensifier we supply the Chromium Centoid (the bleaching tablets only) in tubes, $5 \frac{1}{2} \mathrm{~d}$.


Fig. 133

## MOUNTANT.

## "2Oth CENTURY" MOUNTANT

 (as Fig. 134)is perfectly free from acid and all substances likely to have a deleterious effect upon the most delicate print.

| Large bottles | $\ldots$ | $4 \frac{1}{2} \mathrm{~d}$. |
| :--- | :--- | :--- |
| 12 oz. | , | $\ldots$ |

Quotations for bulk given on application.

## " 20th CENTURY" BROMIDE TONING OUTFIT

(as Fig. 135).
A complete outfit for toning bromide and gaslight papers to various colours, giving artistic effects.

Price complete ... $11 \frac{1}{2} \mathrm{~d}$.

## " 2Oth CENTURY" PRINTING OUTFIT, $\frac{1}{1}$-plate or $3 \frac{1}{2}$ by $2 \frac{1}{2}$ in.

Contents-Printing frame, P.O.P., earthenware tray, mounts, toning and fixing, and book of directions. Containing all apparatus necessary, together with sufficient materials for the production of a large number of finished prints.

## Price complete

2.3


Fis. 135

## '20th CENTURY" DEVELOPING OUTFIT, 4 -plate or $3 \frac{1}{2}$ by $2 \frac{1}{2} \mathrm{in}$.

Contents-Snapshot developer, hypo, two trays, ruby lamp (two lights), glass measure, dry plates, and book of instructions. Containing all necessary apparatus and sufficient materials for the development of nearly fifty negatives.

Price complete ... ... ... ... $2 / 3$

## " 20th CENTURY" LIGHT FILTERS.

A specially prepared filter for use with " 20 th Century" Plates, increasing the exposure five times, and rendering improved colour values.

Price, unmounted
...
3d.
For ..20th Century", Plates, P.Q.P., Gaslight and Bromide Paper.
P.O.P. and Gaslight Post Cards, see under the respective headings.

## CALCIUM TUBES (JAPANNED TIN),

With Rubber Bands (no Calcium) (as Fig. 136).


Fig. 136
This box is an improved metal case for storing cut or roll paper, keeping it both light-tight and dry. Receptacle at end for calcium. and air-tight rubber bands over joints.

| Diameter. | Length Inside. |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 3 in. | $\ldots$ | $\ldots$ | $6 \frac{1}{2}$ in. | $\ldots$ | $\ldots$ | $1 / 9$ |
| 3 in. | $\ldots$ | $\ldots$ | $10 \frac{1}{2}$ in. | $\ldots$ | $\ldots$ | $2 /-$ |
| tin. | $\ldots$ | $\ldots$ | $18 \frac{1}{2}$ in. | $\ldots$ | $\ldots$ | $2 / 3$ |

Broad india-rubber bands for calcium tubes, 3d. each. Prepared calcium chloride and asbestos, per oz. tin, 4 d .

## CHANGING BAGS.

THE "PARAGON." $\frac{1}{4}$-plate, $7 / 6 \quad \frac{1}{2}$-plate, $10 /-\frac{1}{1}$-plate, $12 / 6$
THE "SHEPHERD." (as Fig. 137).


Fig. 137
For use with any size plate up to whole-plate. Made of black twill, ruby lined, with ruby fabric window. Two eyeholes are fitted, enabling the user t) see clearly when changing plates, and yet have both hands free.

$$
\text { Price ... ... ... } 7 / 3
$$

## $\mathscr{B}$. PHOTO COLOUR OUTFIT (as Fig. 138).



Fig. 138
Box containing nine bottles highly concentrated transparent colours, specially prepared for tinting and colouring lantern slides, photographs, and picture post cards. They will be found to give beautiful tints, and the colours have been carefully selected.

$$
\text { Price, complete in box ... ... } 11 \mathrm{~d} \text {. }
$$



## "TABLOID" PHOTOGRAPHIC CHEMICALS

(Burroughs Wellcome \& Co.) (as Fig. 139).
Amidol Developer


Fig. 139

$\begin{array}{llll}\text { Hydroquinone } & \quad, & \ldots & \ldots \\ \text { Metol Quinol } & " & \ldots & \text { per bottle, 1/. }\end{array}$
Metol
Rytol, \&c., \&c. ", $\quad$.. $\quad .$.
Hypo Eliminator
Ammonium Bromide
Potassium ,"
Ammonium Persulphate
Sepia Toner(for Brom. Papers) per bottle, 1/-
\&c., \&c.

CONDENSERS (as Fig. 140).
Best quality plano convex in solid brass mounts.

Prices-
4in. $4 / 6 \quad 4 \frac{1}{2}$ in. $7 / 6 \quad 5 \mathrm{in} . \quad 12 / 9 \quad 5 \frac{1}{2} \mathrm{in} . \quad 15 / 6$
6 in. 19/9 7in. $31 / 9 \quad \sin$. 40/. $8 \frac{1}{2} \mathrm{in}$. 48/-

## CUTTING SHAPES (Plate Glass).



Fig. 140



Fig. 141

THE "PRACTICAL", CUTTING SHAPE $\begin{gathered}\text { Fig. } 142 \\ \text { (as Fig. 142). }\end{gathered}$


The great feature of the "Practical" is the parallel lines combined with the ground glass surface. Price, with knob, $\frac{1}{4}$-plate, 10d.; $\frac{1}{2}$-plate, $1 / 4$

## DEVELOPING, ENLARGING, RETOUCHING, PRINTING, TONING, MOUNTING, \&c.

SPECIAL NOTE.-Every possible care is taken of plates, \&c., sent to us for development, but we wish it to be distinctly understood that we cannot admit any liability for breakage or damage, nor can we be responsible for loss in the post or otherwise, and can only undertake such work entirely at owner's risk.

When leaving plates or films for developing or printing, insist on having an official receipt.

The following prices do not include postage.

Developing Plates, Flat Films per doz.
Developing Rollable Films, per 6 exposures $\ldots$
Developing Rollable Films, per 10 or 12 exposures
Varnishing, per doz. ...
Printing P.O.P., per doz.
Printing Self-toning Paper, per doz.
Printing Bromide \& Gaslight, per doz.
Toning only, per doz. ... ...
Intensifying or reducing, each
Intensifying or reducing,
per doz.
Mounting, per dozen-Gold Bevel Edge Mounts ...
Mounting, Plate-sunk Mounts


## EXTRAS :-

Matt P.O.P. Prints per doz. 6d.
Vignetting ... ... ,, 1/-
Sepia Toning Bromides ,, 9d.
Stereo Prints in P.O.P....
Mounting

Masking ... ... per doz. 3d. Finishing according to work required. ... ... per doz. pairs, 2/9

Lantern Slides made from Customers' own Negatives
By contact
By reduction
… each $10 \frac{1}{2}$ d. ; per doz. 7/6

Lantern Slides made from Customers' own Prints ,, $1 / 6$; ,. $15 /$.
Negatives made from Customers' Prints-
$\frac{1}{4}-\mathrm{pl} ., 1 /-; 5$ by $4,1 / 3$; P.C., $1 / 3$; $\frac{1}{2}$-pl., $1 / 6$; $\frac{1}{1}$-pl., $2 / 6$; 10 by $\sin$., $\mathbf{3 / 6}$; 12 by $10 \mathrm{in} ., 4 / 6$


DEVELOPING, ENLARGING, \&c.-continued.


Prices for Printing on Platinotype Papers.
BLACK, all qualities,
including Black Japine.
Size $4 \frac{1}{4}$ by 3 in. ... per doz. 26
.. $5 \frac{1}{2}$ by $3 \frac{1}{2}$ in. ... .. $3 / 6$
61 by 4 3in ...... $4 / 4$
,. $6 \frac{1}{2}$ by $4 \frac{3}{4} \mathrm{in}$. ... ., $4 / 6$... ... ,, $5 / 8$
," $8 \frac{1}{2}$ by $6 \frac{1}{2}$ in. ... .. 8/. ... ... ., 10 /.
,, 10 by $\sin . \quad . . \quad$., $11 /-\quad . . \quad$... ,. $14 /$.
,, 12 by $10 \mathrm{in} . \quad$.. ., 16 /. ... ... ., 20 .
,, 15 by $12 \mathrm{in} . \quad$... .. 23 . ... ... ., 29 /.
Quantities of less than half-a-dozen from each negative, $25 \%$ extra.

Owing to the fluctuation in the price of Platinum, these prices arc subject to alteration without notice.
——FOR DARK ROOM LAMPS
increase the illumination and at the same time the safety of your dark room lamp. Four series, size 10 by 8 in., $4 /-$ each; 8 by 6 in., $3 /$ - each.
$\qquad$
B.-For Slow Plates and Bromide Papers.
D.-For Orthochromatic Plates.
E.-For Red Sensitive Plates.
C.-For the Fastest Plates, not colour
sensitive.

OTHER SIZES TO ORDER.

## Bromide Enlargements

AN ENLARGEMENT from some of your negatives may reveal many beauties contained in your picture which are now hidden on account of the small size of the print.
WE MAKE many thousands of Enlargements from Amateurs' Negatives every year, and we would like to do some for you, as we know that you will be pleased with the result.

## PRICES OF ENLARGEMENTS FROM CUSTOMERS' OWN NEGATIVES.

These Prices refer to single copies.
A reduction can be made by taking six or more copies from the same negative. Please ask for quotation.

|  | $6{ }^{61}$ by 4 4 | $8 \frac{1}{2}$ by $6 \frac{1}{2}$ | 10 by 8 | 12 by 10 | 15 by 12 | 18 by 15 | 24 by 20 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Bromide Enlargement Unmounted | $\begin{array}{ll} \text { s. } & \text { d. } \\ 1 & 0 \end{array}$ | $\begin{array}{ll} \text { s. } & \text { d. } \\ 1 & 6 \end{array}$ | $\begin{array}{lll} \text { s. } & \text { d. } \\ 2 & 0 \end{array}$ | $\begin{array}{cc} \text { s. } & \text { d. } \\ 2 & 3 \end{array}$ | $\begin{array}{ll} \text { s. } & \text { d. } \\ 2 & 9 \end{array}$ | $\begin{array}{ll} \text { s. } \\ 4 & \text { d. } \end{array}$ | $\begin{array}{ll} \text { s. } & \text { d. } \\ 6 & 0 \end{array}$ |
| Spotted and Mounted on Plate Sunk Mounts | 16 | 26 | 30 | 36 | 46 | 60 | 96 |
| Sepia Toned extra | 03 | 03 | 04 | 04 | 06 | 06 | 08 |

Monochrome Enlargements on linen and mounted on stretcher, size 18 by 15, 21/-
If copied from prints, \&c., extra charge (from 1/- upwards) for making negative.

## FINISHING.

In best style. Price (according to work required) from $3 / 6$ upwards.

## ENLARGED NEGATIVES.



## DARK SLIDES.

## THE " NETTEL" PLATE ADAPTER (as Fig. 143).

An adapter with a self-contained focussing screen, permitting the use of single metal dark slides in any camera designed for use with wooden dark slides. This contrivance, using as it does metal dark slides, offers distinct advantages over all other similar adapters in which paper or celluloid sheaths are employed.


Fig. 143
Price- $\frac{1}{4}$-plate 20/-, $\frac{1}{2}$-plate 25/-.
Special "Koerma" Slides for use with same, $\frac{1}{4}$-plate 1/9, $\frac{1}{2}$-plate 3/- each.
In cases where an alteration is necessitated by the construction of the camera, a small charge is made for the fitting.

## "MACKENZIE WISHART" DAYLIGHT SLIDE AND ENVELOPES (as Fig. 144).

A simple means of carrying and exposing plates or flat films.


Model A. Fig. 144

| Price- $\frac{1}{4}$-plate |  | Slides 15/. |  | Envelopes |  | 12 er |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| - plate |  |  |  | 1/3 | $\ldots$ |  |
| " 2 -plate | $\cdots$ | 21. | $\ldots$ | 2 - | $\ldots$ | 4/6 |

FILM PACK ADAPTER (as Fig. 145).
Takes 12 films in a space of 8 in . thickness.
This film pack adapter takes the standard size " Premo" film pack carrying 12 films. It is beautifully made in black metal and aluminium, with aluminium draw sheath, and can be adapted to most cameras using metal dark slides.

## Prices.

| $3 \frac{1}{2}$ by $2 \frac{1}{2} \mathrm{in}$. | $\ldots$ | $\ldots$ | $\ldots$ | $4 / 6$ |
| :--- | :---: | :--- | :--- | :--- |
| $\frac{1}{4}$ plate $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $5 /-$ |
| Post Card $\left(5 \frac{1}{2}\right.$ by | $\left.3 \frac{1}{2} \mathrm{in}.\right)$ | $\ldots$ | $\ldots$ | $8 / 6$ |



Fig. 145
"HOLBORN" ADAPTER, for the "Premo" Film Pack (as Fig. 146).


Fig. 146
A special adapter, built entirely of aluminium and designed to scoommodate the "Premo" film pack, and made to fit most folding cameras.

$$
\text { Price } \quad \ldots \quad \text {... } 7 / 6
$$

The Novelty of the Year !


UNDOUBTEDLY THE BEST LAMP FOR THE AMATEUR OBTAINABLE AT THE PRICE.

## Evening Work with a Daylight Enlarger

 is possible with the (TETWith this contrivance it is possible to obtain fully exposed and evenly illuminated enlargements by the aid of powdered magnesium blown through the flame of a specially designed spirit lamp. It is thus possible to dispense with daylight entirely, and as the duration of the flash is quite under the control of the operator, negatives of varying densities may be successfully dealt with. The lamp itself is removable, and may therefore be used for evening portraiture or the photographing of dark interiors.

SUITABLE FOR USE WITH ALL BOX PATTERN DAYLIGHT ENLARGERS.

## cost

F. J. Mortimer, Esq., F.R.P.S., says :- "It is a great novelty, and should be asked for."


Fig. 147
In this apparatus we have sought to provide all necessary movements in a thoroughly dependable form, eliminating those mechanical devices which, while adding to the cost and complexity in working, are never required. The enlarger is built very solidly of well-seasoned oak, and nicely polished. The extension obtained by a rack and pinion movement, operated from either side, is sufficient for using the lantern as a reducer. The body containing the incandescent gas fitting is made of Russian iron, and slides smoothly in grooves, allowing of perfect adjustment of the illuminant-the connection between this and the condenser being obtained by a telescopic hood. It is fitted with a carrier adaptable for smaller sizes, and which may be raised or lowered by rack and pinion.

Prices quoted below include a fine quality portrait objective, and in the $\frac{1}{2}$-plate we would call attention to the fact that the condenser is of $8 \frac{1}{2} \mathrm{in}$. diameter, and not the smaller size as usually supplied.

$$
\begin{array}{llllllllll}
\frac{1}{4} \text {-plate size } & \ldots & \boldsymbol{1} & \mathbf{1 7} & 6 & \frac{1}{2} \text {-plate } & \ldots & \boldsymbol{£} & \mathbf{7} & 6
\end{array}
$$

## "SYMPLO" ILLUMINATOR (as Fig. 148).

With this contrivance it is possible to obtain fully exposed and evenly illuminated enlargements by the aid of powdered magnesium blown through the flame of a specially designed spirit lamp. It is thus possible to dispense with daylight entirely, and as the duration of the flash is quite under the control of the operator, negatives of varying densities may be successfully dealt with. The lamp itself is removable, and may therefore be used for evening portraiture or the photographing of dark interiors.


Fig. 148

## "SYMPLO" DAYLIGHT ENLARGER

(as Figs. 149 and 150).


Fig. 149
Presenting in the simplest form the means of obtaining large pictures from small negatives direct on to sensitive bromide paper. These are well made of wood covered with a wear resisting material. Each enlarger is provided with a removable dark slide made of mahogany, and thus obviates the necessity for taking the whole apparatus into the dark room for loading purposes.


Fig. 150
The larger patterns are made divisible in the middle for convenience in packing.


By arrangement with the " 20th Century" Photographic Co., we are enabled to give, free of charge, to the purchaser of any of above enlargers a trial packet of bromide paper of a suitable size, together with sufficient developer for same.

## "JAYNAY" ENLARGING EASEL

(as Figs. 151 and 152).
The use of pins for holding the bromide paper is dispensed with by the use of the hinged glass plate which is most ingeniously worked by pressure of a number of springs, so arranged that the thinnest paper or thickest glass receives equal pressure. thus making the printing of transparencies for enlarging negatives a very simple task.


Fig. 151. WHEN ARRANGING PAPER OR PLATE.


Fig. 152. WHEN EXPOSING.

Adjustments are provided for correcting distortion in the negative in both directions, this being a superior method to disturbing the parallelism of the negative and condenser in the enlarging lantern.

The worker having obtained correct position and focus, brings the easel down to horizontal position, opens the glass lid, places the paper or plate, brings the easel back to vertical position again and exposes.
"HOLBORN" ENLARGING EASEL (as Fig. 153).
Everybody who enlarges by artificial light will find a use for the enlarging easel as illustrated. It is made of white American hardwood. There is a solid base to which the easel is hinged. It is kept in position by a brass strut, which automatically locks when it is at right angles to the base. The easel board can be adjusted to any height, and can be instantly fixed in the required position by means of the milled nut at the side.

The bromide paper does not require to be pinned down to the surface of the board, an objectionable procedure which is entirely overcome by means of the spring pressure bars. These bars can be adjusted to any position, and will hold firmly either $\frac{1}{4}$-plate pieces of paper or any paper up to 15 by 12 in .

The baseboard is supported on


Fig. 153 four soft rubber feet, which prevent it sliding about and getting out of focus when the sensitised paper is being fixed on the easel.

When fixing the bromide paper the side strut can be released and the easel board swung back and laid flat, and the bromide paper easily inserted under the spring pressure bars. When raised, the easel board automatically locks in the same position it occupied during focussing. This is a great advantage when a number of enlargements are required of the same subject.

The total height of the easel when set up is 17 in .
Model A, complete with spring pressure bars, to take paper up to 15 by 12 in .

86 RULED FOCUSSING SCREENS (as Fig. 154).


1648

This is a negative with very finely ruled lines intended for use when enlarging. The amount of light passing through a dense negative when placed in the enlarging apparatus is so small that it often makes it very difficult to focus the picture sharply. By inserting this screen in the carrier and focussing it sharply, and then substituting the negative, this difficulty is easily overcome.

| 4-plate | $\ldots$ | $\ldots$ | 6 d. |
| :---: | :---: | :---: | :---: |
| 5 by 4 | $\ldots$ | $\ldots$ | $7 \frac{1}{2} \mathrm{~d}$. |
| $\frac{1}{2}$-plate | $\ldots$ | $\ldots$ | $6 \pi$. |



SILK BOLTING CLOTH. Fine or coarse.

| 39 by 36 in. | $\ldots$ | per piece $15 / 6$ |
| :--- | :--- | ---: |
| 23 by 17 in. | $\ldots$ | , |
| 16 by 13 in. | $\ldots$ | ", |
| 13 by 11 in. | $\ldots$ | $2 / 6$ |
|  |  |  |


| 10 by $8 \sin$. | $\ldots$ | per piece 11 d. |  |
| :---: | :--- | :--- | ---: |
| $8 \frac{1}{2}$ by $6 \frac{1}{2}$ in. | $\ldots$ | , | 8 d. |
| 7 | by 5 in. | $\ldots$ | , |

DARK ROOM PINS.
Hexagonal wooden handles. Price 512 d d. per box of 12 .


## GLASS-HEADED PUSH PINS (as Fig. 155).

Heads of glass with strong steel points embedded into same. Very useful and convenient.

Price $5 \frac{1}{2} \mathrm{~d}$. per box of 12 .
Fig. 155

Fig. 156

Fig. 157



Fig. 158

## WELLCOME'S EXPOSURE RECORD AND DIARY (as Fig. iss).

Indispensable to all users of plates. Contains exposure calculator and speed tables. Price 1/-

## FABRIC.

Ruby or orange, 3 sin . wide
per yard 10d.

## FERROTYPE PLATES.

14 by 10 in .
... price $2 \frac{1}{2}$ d. each ; per doz. $2 / 6$
See also Squeegec Pads.

## FERROTYPE PLAQUES.

Extra stout, highly enamelled surface. Will not easily chip or crack.

| $7 \frac{1}{2}$ by $5 \frac{1}{2} \mathrm{in} . ~ . . . ~$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | 8 d. |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 14 by 10 in. | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ |
| $1 /-$ |  |  |  |  |  |  |

## FINGER STALLS.

India-rubber (thick rubber)
(very thin) ... ... ... each 2d.; per doz. 1/9 (very thin) ... ... ... per box of three 6d.

## FOCUSSING SCREENS.

Fine ground glass. Superior quality.
$\frac{1}{4}$-plate, each, $1 \frac{1}{2} \mathrm{~d} . ; \quad 5$ by $4,2 \mathrm{~d}$.; $\frac{1}{2}$-plate, $2 \frac{1}{2} \mathrm{~d}$. whole plate, 4 d .

## FOCUSSING CLOTHS.

# Plain black twill, 30 by 34 in . ... ... ... ... ... 10d. <br> Lined ruby, 30 by 30 in . ... ... ... ... ... $1 / 3$ <br> Velvet-lined ruby 40 in . $\ldots$... $\quad . . . \quad . . . \quad .$. 4/3 

## Speciality wanted by all!

Waterproofed blue serge, with dove grey lining, size 30 by 40 in ., with weighted corners and tapes. A thorough protection to the apparatus and at the same time of extremely good appearance. Price 4/9 each.

FOCUSSING GLASSES (as Fig. 159).

Screw focussing


Fig. 159

## FORCEPS.

Xylonite-Small .. ... per pair 1d. Large ... ... ., 3d.
FUNNELS (as fig. 160).
Fluted glass-diameter, 3in. $3 \frac{1}{2} \mathrm{~d}$.; $4 \mathrm{in} .4 \frac{1}{2} \mathrm{~d} . ; 6 \mathrm{in} .8 \mathrm{~d} . ; \sin .1 / 4$


Fig. 160

## FLASH LAMPS.

"FARRINGDON" FLASH LAMP (as Fig. 161).


Fig. 161
Substantially made. Several charges can be fired without refilling. The lamp is self-feeding on an improved principle.

$$
\text { Price ... ... ... } 5 / 3
$$



## THE "CERVUS" FLASH LAMP

(as Fig. 162).
This Flash Lamp is of extremely simple, but at the same time, efficient construction. To ignite the powder, an ordinary paper percussion cap, such as may be obtained at any toy shop, is used.

Fig. 162

## DIRECTIONS FOR USE.

Hold the Flash Lamp in the hand as shown in illustration. With the thumb, pull down the plunger a short distance and slip a "cap" between the bridge and plunger. Gently allow plunger to return to position. The necessary powder is now placed on tray, taking care that it covers percussion cap, and holding the lamp at arm's length and above the head, the plunger is puiled down with thumb to the fullest extent, and suddenly released. The flash follows immediately.

$$
\text { Price ... ... ... } 3 / 6
$$

"BEE-CEE-CEE"
FLASH LAMP
(as Fig. 163).
Flashlight photography simplified.

No mechanism to get out of order.


Fig. 163

## DIRECTIONS FOR USE.

Place the requisite quantity of Flash Powder in the tray, and holding the lamp at arms length above the head, press the spring arms together, so causing the spark producing metal to pass over the roughened surface below. This produces a spark which fires the Flash Powder. Price 2.


# "TODD-FORRET" FLASH <br> LAMP (as Fig. 164). 

The special features of thislamp are-the production at will of an instantaneous or continuous flash; complete combustion of the powder; flash in form of a large sheet, thus affording a large illuminating surface.

The "Todd-Forret" Lamp is suitable for interiors, single-figure subjects, small and large groups, copying pictures, \&c.
Fig. 164 The Junior "Todd-Forret " Lamp ... 7/6 The "Todd-Forret" (as Fig. 164) ... 12/6

## "AGFA" FLASHLIGHT (Patented)

(as Fig. 165).
A new and efficient powder. Minimum smoke development, highly actinic, absolutely non-explosive.
${ }^{\text {'Convenient packing, with measure. }}$
Per package, 10 grammes, $1 /-$, including special measure and ignition paper.

Also in bottles-
25 grammes 2/-; 50 grammes 3/3 100 , $5 / 3 ; 250 \quad$, 12 /.


Fig. 166

## BAYER'S "FLASHLIGHT"

 POWDER (as Fig. 166).Smokeless, extremely rapid, noiseless, packed in tins.

| $\frac{1}{2}$ oz. | $\ldots$ | $1 /-$ | 4oz. | $\ldots$ | $6 / 6$ |
| :--- | :--- | :--- | :--- | :--- | ---: |
| loz. | $\ldots$ | $1 / 10$ | Soz. | $\ldots$ | $12 / 6$ |
| 2oz. | $\ldots$ | $3 / 6$ |  |  |  |

GLASS, Photographic.
Finely etched for focussing screens-
$\frac{1}{4}$-plate $1 \frac{1}{2} \mathrm{~d}$. ; $\quad 5$ by $42 \mathrm{~d} . ; \quad \frac{1}{2}$-plate $2 \frac{1}{2} \mathrm{~d}$. ; $\quad \frac{1}{1}$-plate 4 d .
Signal green $\frac{1}{4}$-plate $2 \frac{1}{2} \mathrm{~d}$.; 5 by $43 \frac{1}{2} \mathrm{~d}$. ; $\frac{1}{2}$-plate $4 \frac{1}{2} \mathrm{~d}$.
Canary, orange, or ruby- 6 in . square $4 \mathrm{~d} . ; 12 \mathrm{in}$. square $1 /-$
Cover glass for lantern slides, best quality-per doz. 4 d . ; per gross $3 / 6$ extra thin, per doz. 6 d . ; per gross $5 / 6$

## GLOVES.

India-rubber, for developing
per pair 6/6
In ordering, a size larger than that usually worn should be chosen.

## ISOCHROMATIC SCREENS.

\% ${ }^{2}$."ORTHO" SCREEN (as Fig. 167).
Undoubtedly the most accurate and best finished screen yet offered. Maximum correction and minimum increase of exposure. Each provided with special cap complete in neat velvet lined case. Increase of exposure four times.

Price- $1 \frac{1}{4} \mathrm{in} .3 / 6 ; 1 \frac{1}{2} \mathrm{in} .4 /-; 1 \frac{3}{4} \mathrm{in} .4 / 6 ; 2 \mathrm{in} .5 /-$

## "20th CENTURY" ISO. SCREEN.

Specially adapted for hand cameras. Increases exposure about four times.

$$
\text { Price } \quad . .
$$



Fig. 167

## " 20th CENTURY" ISO. FILTER.

Increasing exposure five times.
Price, unmounted
3d.


Fig. 163

## "BARNET" ORTHO SCREEN

 (as Fig. 169).Increasing exposure four times and specially corrected for use with "Barnet" plates.

In two sizes- $1 \frac{5}{16}$ in. $\mathbf{3} / \cdot ; \quad 1 \frac{11}{16} \mathrm{in}$. $\mathbf{3} / 6$

## Ooots MAGNESIUM FLASHER

(as Fig. 170).


Fig. 170

## SPECIAL HOLDER

with silvered reflector (as Fig. 171).

For use with above.
Price
$5 \frac{1}{2} \mathrm{~d}$.

An ingenious device by means of 169 which magnesium ribbon can be burned in any length without the use of a lamp. Perfectly safe and practical. Each flasher is charged with the finest magnesium ribbon.

Price complete


Fig. 171

## The Novelty of the Year!



## 'SAFELIGHT'

 LAMPS.Registered Nos. 519347 and 545499. Fully Patented.

## Junior Models

(as Fig 173).


Fig. 173. Junior Model.

Conforming to our registered design, which was the forerunner of all other Safelight Lamps, and which revolutionised the illumination of dark rooms the world over, these have been introduced to meet the requirements of the amateur, and to provide for him a really practical and scientific lamp at a popular price. One needs only to experience the comfort of working with one of these lamps to appreciate the advantages now offered over all others. The illuminant provided is a large wick lamp burning colza, and the Safelight Filters supplied are designed to give the maximum of safety with the utmost brilliancy, and are of the same quality as those supplied with our full size models which have been adopted by Scientific Institutions in every country. The Filters are supplied in two Series. Series " $\mathbf{X}$," a light brown, passing an immense volume of light of a very pleasing quality, and is recommended for use with all ordinary and fast plates not colour sensitive. Series "Y," a rich ruby, much more brilliant and safer than any Ruby Glass, and intended for use with Orthochromatic plates.

These lamps are made in two sizes :-

$$
\begin{array}{llll}
\text { " } \mathbf{S}, \text { " complete with one Filter, } 4 \text { by } 6 \mathrm{in} . & \ldots & \mathbf{3} /- \\
\text { " } \mathbf{L}, \text { " complete with one Filter, } 6 \frac{1}{2} \text { by } 5 \mathrm{in} . & \ldots & 4 /-
\end{array}
$$

The Lamps can be supplied with either Filter at customer's selection.

$$
\begin{array}{ccllll}
\text { Extra Filters, } 6 \text { by } 4 \text { in. } & \ldots & \ldots & \ldots & \mathbf{1} / \mathbf{6} \\
", & 6 \frac{1}{2} \text { by } 5 \mathrm{in} . & \ldots & \ldots & \ldots & 2 /-
\end{array}
$$

The first lamp designed for utilising the advantages offered by the adoption of reflected and diffused light, thereby securing the maximum of comfort with the utmost safety.

With these lamps scientifically designed Safelight Screens may be used without any risk of damage.
MODEL "A" (as Fig. 174).
For oil or electric light only.
For Oil, cor lete with one filter, any series, large oil lamp for paraffin, outside winder
… 9/6
For Electric Light, complete with one filter, lamp holder, plug adapter, and 9 ft . of flexible wire ... $\mathbf{1 0}$.

Electric Globes are not inchuded in
this price.

Fig. 174. Model "A"

## MODEL "B"

(as Fig. 175). Registered. For oil, incandescent gas or electric light.
In this model the form has been somewhat modified, and a ventilating space added, so that none of the air consumed or heated by the lamp can possibly come into contact with the screen, in fact the screen is perfectly isolated from the lamp itself.

## Series "B."

For Oil, complete with one filter, any series, large oil lamp for paraffin, outside winder $\quad \ldots$... $12 / 6$


Fig. 175. Model "B"

For Electric Light, complete with lamp holder, plug adapter and
9 ft . of flexible wire, and one filter, any series
For Incandescent Gas, complete with Welsbach burner and one filter, any series

## Wơob "DE LUXE" COPPER SAFELIGHT LAMP.

 (Model "B").Constructed of solid copper, beautifully burnished, practically indestructible.
The highest grade lamp obtainable for oil, gas, or electric.

$$
\text { Price } \ldots \text {... } 42 /-
$$

Filters, 10 by 8, either series, $4 /$ - each extra.
These lamps are now in use by the leading scientists and scientific institutions all over the world, which we think is sufficient proof of the advantages they offer over all other lamps.

SAFELIGHT LAMP, MODEL "C" (as Fig. 176). FULLY PATENTED.


Fig. 176
In order to meet the requirements of those of our customers whose dark rooms are small, we have designed this lamp which, although retaining the distinguishing features of our "A" and "B" models, is intended for use with a smaller filter, and therefore somewhat more compact in form.

This model, however, can only be supplied for use with incandescent gas or electric light.

None of the air used in the lamp can come in:o contact with the filter. Our patented system of ventilating further secures freedom from overheating. Price for Electric.-Complete with plug, 9ft. flexible wire, one
incandescent globe, ${ }^{*}$ and one 8 by 6 in . filter, any series
$11 / 6$
Price for Incandescent Gas.-Complete with burner, and one 8 by 6 in . filter, any series
*It is necessary to state voltage required when ordering.


## SAFELIGHTS.

For use with the "Safelight" lamps, are a departure from the usually accepted theory that a red light is the safest for use with rapid plates. The colour of these is a light brown, and the amount of light passed far exceeds that transmitted by any other series.

Series B.-A light tinted filter intended for use with bromide papers and lantern plates, but when in conjunction with the oil lamp is safe, if a little care is exercised, for the fastest plates not colour sensitive. The volume of light is such that plates may be developed and examined in comfort at a distance of 8 ft . from the lamp.

Series C.-This filter is similar to sertes B, but somewhat denser, and is safe for the fastest plates not colour sensitive. The comfort of working with this light needs only to be experienced to be appreciated.

Series D.-This is intended for orthochromatic plates, and is of a rich ruby colour of great transparency.

The above series is notable for the extreme translucence of the filtering material, and the dyes used have been selected for their permanence and reliability.

> The price of either series of the above, size 10 by 8 ", size 8 by 6 $\ldots$

## " A CHAT ON DARK ROOM ILLUMINATION."

A booklet giving further information on the foregoing lamps and screens is free on receipt of request, or at our Photographic Depôts.

## DARK ROOM LAMPS.

## "GOODLIGHT" LAMP (as Fig. 177).

Folding fabric. Russian iron top and bottom, with double fabric one side to ensure light-tightness. Thoroughly reliable.

Complete in box, price 7 d .
Size $6 \frac{7}{8}$ by $3^{3}$ by 3 isin.

" MIDGET" LAMP (as Fig. 178).
For colza oil, ruby glass front.
Price ..
... ...

$$
\ldots \quad 6 \mathrm{~d} .
$$

Size of glass, 6 by 3 itin.


Fig. 178

## " 20th CENTURY" <br> No. 1 RUBY OIL LAMP

(as Fig. 179).
With ruby glass and orange fabric, oil container and outside winder, and fitted with shade, sloping front. Boxed complete.

$$
\text { Price } \quad \ldots \quad \ldots \quad 1 / 1
$$

Size of glass $5 \frac{3}{4}$ by 37 zin
Fig. 179

SEMICIRCULAR LAMP
(as Fig. 180).
For oil or night-light, ruby glass front, $7 \frac{1}{2}$ by 5 in ., with outside winder.

$$
\text { Price } \ldots \quad \text {... } \ldots \quad 1 / 1
$$



Fig. 180


## HOCK BOTTLE LAMP

(as Fig. 181).
For candle. Real hock chimneys, light-tight japanned tin base and cap.

Price
11d.
Ditto, with ruby chimneys (full-sized lamps), 11d.


Fig. 181

## TRILUMINUX LAMP

(as Fig. 182).
Nine inches high, outside winder. One side canary, other side ruby. For paraffin, with chimneyless burner.

Price ... ... 1/11
Size of glass $6 \frac{3}{4}$ by $5 \frac{1}{4} \mathrm{in}$.

Fig. 182

## "LUXOL" DARK-ROOM LAMP (as Fig.183).

An ideal travellers' lamp for use while on holidays. Paraffin oil is the illuminant, but is absorbed in a packing, so obviating any risk of spilling. A single charge will burn for twelve hours at least. Indestructible asbestos wick.

Each complete in tin case, $\mathbf{1 / 3}$
Extra ruby chimney, 5d.


Flg. 183


## IMPROVED CANDLE

LAMP (as Fig. 184).
All brass lamp, portable, in tin case. Most convenient for travellers.

$$
\text { Price ... ... } 2 / 3
$$

HARD CANDLES suitable for above lamp and all other candle lamps.
Per box -... ... ... 9d.

Fig. 184

## "ELECTRIC" RUBY LAMP

(as Fig. 185).
Consists of a ruby shade which can be instantly fitted to any ordinary electric fitting.

Price
.. ...
Incandescent orange electric globes :

| (low voltages) | $\ldots$ | $2 / 3$ |
| :--- | :--- | :--- |
| (high | $\ldots$ | $2 / 9$ |

These globes are made of real yellow glass, and should not be confused with the cheap varnished ones.


Fig. 185


## "RADIANT" LAMP

(as Fig. 186).
For paraffin. Requires no chimney; outside winder, well ventilated. Ground ruby and canary glass.

$$
\text { Price } \quad \ldots \quad \ldots \quad 3 / 5
$$

## "PRACTICAL" GAS LAMP

(as Fig. 187).
Slope fronted gas lamp, beautifully japanned black outside and yellow inside, with ruby glass and fabric screen.

Size of Glass 10 by $\sin$.

5/9


Fig. 187

## "SQUARE" LAMP

(as Fig. 188).
Outside winder and filler. Three sides ruby glass, chimneyless burner and large oil tank. Size of glasses $6 \frac{1}{4}$ by $3 \frac{1}{2}$ in.

$$
\text { Price } \quad \ldots \quad \text {... } 2 / q
$$

Fig. 188

## "LITTLE RAY", LAMP (as Fig. 189).

Brilliant light, double ventilating shafts, outside winder and filler. Patent chimneyless burner. Ground ruby and canary glasses.

$$
\text { Price } \quad \ldots \quad \ldots \quad \text {... } \quad 4 / 3
$$



## "RELIANCE" LAMP (as Fig. 190).

Constructed for petroleum, with chimneyless burner. Gives a steady and safe light without smoke. Outside winder, fitted with two ground ruby glasses and one ground orange glass.

$$
\text { Price } \quad . . \quad 3 / 11
$$

Ditto, for gas, $3 / 11$; larger size, 8/6
For electric light, with six yards flexible wire and adapter (no incandescent lamp) slightly larger than above.

$$
\text { Price } \quad . .
$$



Fig. 190


Fig. 191

The case is practically indestructible, and being fitted with an imperishable asbestos wick, may be charged and re-charged with petroleum or paraffin oil as required. With each re-charge better results are obtained. The flame never sinks or becomes dim, but remains always the same.

## Directions for Use.

Totally immerse the box in a vessel containing petroleum or paraffin oil for four or five minutes, then remove from the bath, wipe dry, raise the wick (by means of a pin) about one-sixteenth of an inch from the hole at the top, and light.

Small size, suitable for dark room lamps, to burn 6 hours without re-charging, price $\mathbf{1} \mathrm{d}$.

## $\mathscr{B}$ octd "Safelight" Lamp.

A revolution in dark room illumination. Ask for pamphlet. The ONLY Dark Room Lamp in use the world over.

## LECTURE LANTERNS.



Fig. 192
SPECIFICATION.
Body.-Well made japanned tin. Russian iron cowl.
Objective.-Double achromatic with helicoidal focussing.
Condenser.-4in. plano-convex in brass cell.
Illuminant.-Incandescent gas or 2-wick oil lamp.
Carrier.-For two slides.
Slides.-A set of eight Junior Lecturer's slides.
Complete in beautifully polished wooden case, with brass handle,

$$
\text { Price } \quad \ldots \quad \text { ※1 } \quad \mathbf{7} \quad \mathbf{6}
$$

"SURREY" LANTERN (as Fig. 193).


Fig. 193

> SPECIFICATION.

Body.-Russian iron with open stage.
Objective.-Best double achromatic with rack and pinion and flashing shutter.
Condenser.-4in. plano-convex in brass cell.
Illuminant.-Incandescent gas or 3-wick oil lamp.
Carrier.-For two slides.
Slides.-Three complete sets of Junior Lecturer's slides.
Chromotrope.-Coloured mechanical slide.
Complete in beautifully polished wooden case, with brass handle.

$$
\begin{array}{llllll}
\text { Price } \ldots & \ldots & \text { £2 } & 12 & 6
\end{array}
$$

"THAMES" LANTERN (as Fig. 194).


Fig. 194
SPECIFICATION,
Body.-Well made japanned tin, with panelled door and fibre handle, ventilated base taking the chimney in the foot, all-brass front draw-tube and refulgent lamp.

Objective.-Double achromatic of good quality, with rack and pinion. Condenser. - 4 in . plano-convex in brass cell.
No. 3 Fitted with 3-wick lamp, 2 inches wide ... ... ... \&1 36
, 3c , incandescent burner, support and reflector 1870
," 3sl ", No. 0 "Economic" spirit lamp $\quad .$.
Japanned́ tin case, extra ... ... ... ... ... ... 0 2 0

## "COMPACTUM" LANTERN (as Fig. 195).



Fig. 195

## "COMPACTUM" LANTERN-continued.

## SPECIFICATION.

Body.-Japanned tin, well made, very compact and neat appearance, open stage ; panelled door with fibre door handle and sight hole. The top is perforated, keeping lantern very cool, and the foot is also ventilated and carries the lamp chimney when not in use.
Front.-Open stage design, with brass front sliding tubes supported on brass uprights.
Objective.-No. 1 single pinion, best double achromatic large diameter back lenses.
Condenser.-4in. plano-convex compound in brass cells.
Case.-Made in japanned tin. Very neat, fitting lantern exactly.


## "PELHAM" <br> LECTURE LANTERN

(as Fig. 196)

## SPECIFICATION.

Body.-Superior mahogany body, with two hinged panelled doors and brass bound sight holes with flashers, long polished mahogany baseboard with moulded fittings, and hinged back door, japanned tin lining, with dome and rose cowl.


Front Stages.-Solid brass carrier opening and brass stages for lenses.
Condenser.-4in. plano-convex in brass mount, with easily removable lenses for cleaning or repairing.
Objective.-Solid brass, single rack and pinion, with 2 in . diameter back lenses, and flashing shutter.

"TRENT" PROJECTION LANTERN (as Fig. 197). RUSSIAN IRON.


Fig. 197

## SPECIFICATION.

Body.-Well made in stout Russian iron, with panelled door, sight hole, fibre handle, and ventilated base taking the chimney when not in use.

Front.-Open stage in lacquered stout sheet brass with wired edges, giving great strength. Brass sliding tubes mounted on brass supports.

Objective.-No. 1 best double achromatic with large diameter back lenses, and rack and pinion

Condenser. -4 in . plano-convex compound in brass cells.
Case.-Japanned tin with handle.


Best for Spring, Summer, Autumn, and Winter.
"ISIS" PROJECTION LANTERN (as Fig. 198).

Russian Iron. New Model.<br>With 4 in . condenser and 2 in . diameter lenses.



Fig. 198

## SPECIFICATION.

Body.-Well made, ornamental ventilated Russian iron body of new design, panelled door with fibre handle and sight hole, 3 -draw chimney to lamp, fitting inside foot of lantern.

Front.-Open stage design with plates of stout brass and solid drawn tubes accurately fitted to ensure rigidity when extended. The front end is supported by a cast-brass standard and the whole is lacquered and finished in first-class style. The condenser sleeve and cover are pierced with holes to correspond with those in condenser, giving perfect ventilation.

Objective.-No. 2 best double achromatic, large diameter back combination, with flashing shutter and rack and pinion.

Condenser.-4in. plano-convex compound in brass cell.
CASE.-Russian iron, with carrying handle.


## $\mathscr{F}$ 흥 <br> ‘Solar’ Nernst Lamp

(as Fig 199).


Fig. 199
An ideal medium power illuminant for the optical, magic, or enlarging lantern. No special fittings required and no danger. The flexible wire supplied with the lamp needs only to be connected to any lamp fittings to start the light. Automatic heater ; no spirit torch necessary. Constant light requiring no attention.

## PRICES :-

Complete with 6 ft . flexible wire, with connections, lantern tray, \&c.

$$
\text { Low Voltages, } 7 / 6 \text { High Voltages, } 8 / 6
$$

$$
\begin{aligned}
& \text { Extra burners with filament attached- } \\
& \qquad \begin{array}{llllll}
\text { Low Voltage } & \ldots & 1 / 6 \quad \text { High Voltage } & \ldots & 2 / 6 \\
& \text { In ordering please state voltage required. }
\end{array}
\end{aligned}
$$

## "ECONOMIC" INCANDESCENT SPIRIT LAMP

(as Fig. 200).


Similar to the 'Spirox,' but of a cheaper construction. The mantle used is smaller, but will be found to give an extremely good light. Suitable for the enlarging lantern, magic or optical lantern, microscopic work, \&c.

Price with lantern tray, 10/6

Mantles 6d. each.

Fig. 200

## "SPIROX" INCANDESCENT SPIRIT LAMP

(as Fig. 201).
An ideal illuminant for the enlarging or optical lanterns, the light yielded being much more intense than ordinary incandescent gas. Extremely simple in use, an occasional pressure of the bellows being sufficient to maintain a steady illumination. The lamp takes a full size "Gem" mantle, and is thus not to be confounded with many at a similar price. First-class workmanship throughout.

$$
\begin{array}{ccccc}
\text { Price, with lantern tray } \quad . . & \ldots & \ldots & 12 / 6 \\
& \text { Mantles } 6 \mathrm{~d} \text {. each. }
\end{array}
$$

## CARRIERS.

The "Slide Through," polished maple ... ... Price 11d.
Beard's "Eclipse" Carrier.-This ingenious and world-famed carrier applies a dissolving effect to a single lantern, automatically centres all 31 by $3 \frac{1}{4} \mathrm{in}$. lantern slides.

$$
\text { Price } \quad . . \quad \text {... } . . . \quad 10 / 6
$$

## 'Safelight' Lamp

Why not work in comfort when so small an outlay
$\qquad$


-     - SEVERAL PATTERNS TO MEET ALL NEEDS.-

Although introduced only recently the sale of this lamp has been phenomenal, its unique advantages over all other lamps being immediately appreciated by practical workers in all parts of the world.

## ADOPTED UNIVERSALLY BY SCIENTIFIC INSTITUTIONS.

Descriptive Pamphlet from any Photographic Depot of

or from ...
29 FARRINGDON RD.,
-LONDON, E.C.
'JAYNAY" LANTERN SLIDE CARRIER (as Fig. 202).


Fig. 202
The simplest carrier obtainable, being devoid of all mechanism for raising the slide, and yet permitting of the easiest removal of the slide exhibited. The carrier is made in best hard wood, highly finished and polished, with rubber stops, making it practically silent in operation.

$$
\begin{array}{lllll}
\text { Price } & \ldots & \ldots & \ldots & 1 / 6
\end{array}
$$



## BOXES.

For the safe transit of lantern slides (as Fig. 203). To hold 60 slides, rubber tubing top and bottom, and leather carrying strap. Strongly made.

$$
\text { Price } \quad \ldots \quad 3 / 6
$$

Fis. 203
"JAYNAY" TRAN'SIT BOX (as Fig. 204).


Fig. 204
Made of polished maple with false bottom, mounted on spring bufferspreventing all movement of the slides in transit. Absolutely the finest transit box yet produced.

$$
\text { Price } \quad . . \quad \ldots \quad \text {... } \ldots \text {... } 4 / 6
$$

## SCREENS (Washable).

Calico, without seam, well shrunk, with edges turned in and fitted with tapes.

5ft. sq. calico, without seam, 5/-
6ft. sq. ., ., 5/6
8ft. sq. calico, without seam, 10 -
$9 f t$. sq.
12

## Woots "EVER-CLEAN" OPAQUE

LANTERN SCREEN (as Fig. 205).


Fig. 205
Undoubtedly the most practical screen obtainable. The material of which it is made is of such a nature that it may be cleaned with a wet sponge. It is mounted on a stained moulding and roller, and is provided with a waterproof cover for its protection when not in use. We consider this to be a more satisfactory design than those fitted with spring rollers, which are often unreliable. The back of the screen is of a slate colour, and can therefore be used as a photographic background.

Obtainable only of Воots Cash Chemists, at the following prices-

$$
\begin{aligned}
& 5 \text { feet by } 5 \text { feet ... ... } 10 / 6 \quad 7 \text { feet by } 7 \text { feet ... ... } 18 / 6
\end{aligned}
$$

$$
\begin{aligned}
& \text { * Made to special order only-time required two weeks. }
\end{aligned}
$$

LIMELIGHT NETS (as Fig. 206)


Fig. 206
These are of excellent quality and can be thoroughly recommended.
Blow-through $9 / 6$ and $12 / 6$. Mixed $11 / 6$
Trays for holding gas or limelight fittings in lantern, $\mathbf{1} /$. Cowls and chimneys, $1 /$ - and $2 /$ -
LANTERN MASKS in boxes, assorted shapes ... Price $5 \frac{1}{2} \mathrm{~d}$. and $\mathbf{1 0 \frac { 1 } { 2 }} \mathrm{d}$.


# "UNION JACK" LANTERN SLIDES 

(as Fig. 207).
A set of slides beautifully lithographed in colour, showing the evolution of the national flag. Highly instructive and entertaining.

$$
\text { Price per set of } 6 \text { slides, }
$$

1/9

Fig. 207


Offer in a compact and permanent form a means of preparing as required those Solutions that are not in daily use. Price $10 \frac{1}{2} \mathrm{~d}$.

## "ENSIGN" FOLDING LANTERN SCREEN

(as Fig. 208).



Fig. 208
The lantern screen itself is on a spring roller, and winds up automatically like a window blind. There are rings suspended from the bottom bar which engage on hooks in the bottom of the box and keep the screen taut. Extra tapes are sewn to the two bottom corners so that the screen can be tied to the side supports. Two hinged locking struts support the framework at the bottom and keep it rigid.

| 4 by 4 ft . "Ensign" Lantern Screen, complete |
| :--- |
| 6 by 6 ft. |,$\quad . \quad, \quad, \quad 32 / 6$

## LANTERN SLIDE CLAMP

(as Fig. 209).
A half-turn of the screw at top releases or clamps the glasses as required.

This screw cannot loosen or tighten during binding.

The base, although it can be fixed to allow of the clamp being used upright as illustrated, may also be used so that the glasses themselves rest on the table.

$$
\text { Price ... ... } 11 \mathrm{~d} \text {. }
$$



Fig. 209

## COVER GLASSES

For Lantern Slides. Plain, best quality, 4 d . per dozen, $3 / 6$ per gross ; extra thin, 6 d . per dozen, $5 / 6$ per gross.


## LENSES.

## HAND CAMERA LENSES.



Fig. 210

Achromatic plano convex, unmounted.
lin. diameter ... ... 1/-
$1 \frac{1}{4} \mathrm{in}$.
1/6
Periscopic R.R., in black oxydised mount, with thread for adjusting the focus (as Fig. 210).

$$
\text { Price } \quad \ldots \quad \text {... } 2 / 10
$$

## VIEW LENSES.

Achromatic, best quality, with superior Iris diaphragms (as Fig. 21!).

| $\frac{1}{4}$-plate | $\ldots$ | $\ldots$ | $5 /-$ |
| :--- | :--- | :--- | :--- |
| $\frac{1}{2}$-plate | $\ldots$ | $\ldots$ | $7 / 6$ |



Fig. 211


Fig. 212

## "B.C.C. ACHROMAT" LENS

(as Fig. 212).
An exceptionally good quality achromatic landscape lens, fitted with Iris diaphragm opening to $f / 11$, and giving a very brilliant picture. This can be thoroughly recommended.

$$
\text { Price, } \frac{1}{4} \text {-plate only ... } 7 / 6
$$



RECTILINEAR LENSES

Fig. 213.
(as Fig. 213).
A very superior periscopic lens of best manufacture, in brass mount with screw hood and flange, and Iris diaphragm working at $\mathrm{f} / \mathbf{8}$.
$\begin{array}{llll}\frac{1}{4} \text {-plate } & \ldots & \ldots & 7 / 9 \\ \frac{1}{2} \text {-plate } & \ldots & \ldots & 8 / 6\end{array}$

## "FARRINGDON"

## RECTILINEAR LENSES

(as Fig. 214).
Finest quality achromatic lenses, with Iris band diaphragms, best brass mounts, working aperture f/8. A good high-class lens for all-round work. Can be thoroughly recommended.

| $\frac{1}{1}$-plate | $\ldots$ | £0 | 17 | 6 |
| :--- | :--- | ---: | ---: | ---: |
| $\frac{1}{2}$-plate | $\ldots$ | 0 | 19 | 6 |
| Whole-plate | $\ldots$ | 1 | 13 | 0 |



Fig. 214


Fig. 215

## "FARRINGDON" WIDE

 ANGLE LENSES (as Fig. 215).Same quality as the "Farringdon" above described. In brass mounts, with band, Iris diaphragm and best achromatic lenses.

| $\frac{1}{2}$-plate | $\ldots$ | $\ldots$ | $£ 1$ | 2 | 6 |
| :--- | ---: | :--- | ---: | ---: | ---: |
| $\frac{1}{2}$-plate | $\ldots$ | $\ldots$ | 1 | 6 | 0 |
| Whole-plate... | $\ldots$ | 1 | 16 | 6 |  |

## "FARRINGDON" PORTRAIT LENSES

(as Fig. 216).
This lens is of very superior quality and of best workmanship. It is mounted in best brass mounts, with rack and pinion and leather cap, "Waterhouse" diaphragms, working aperture $\mathrm{f} / 4$ (as Fig. 216).

| cover | "A" |  |  |
| :---: | :---: | :---: | :---: |
| C.D.V. | $\frac{1}{2}$-plate | e |  |
| ${ }_{1}$ s. d. | ${ }_{0} \mathrm{~s}$. d. | ${ }_{2} \mathrm{~s}$. d. |  |
| 186 | 219 | 2199 | 68 |




Fig. 216
"DELOS" ANASTIGMAT (as Fig. 217).


Fig. 217

An anastigmatic lens of the highest possible quality, carefully corrected for all outstanding aberrations. The lens is symmetrical, each component being cemented and free from air spaces. The field covered is very large and flat, permitting of the use of cameras with extreme rising front. The illumination to the edge of the field is extremely even. This lens will bear comparison with those at twice the price.

The working aperture in the $\frac{1}{4}$-plate size is $f / 6$, and in the $\frac{1}{2}$-plate size $f / 6 \cdot 2$, and all the apertures are guaranteed to be accurate as marked. The lens may be had mounted in aluminium and black "Iris" mounts, or in sunk mounts suitable for "Reflex" cameras. This is also supplied fitted into "Koilos" shutters at the prices below:-


Quotations given for fitting to customers' own shutters.

BUSCH "BIS-TELAR" (as Fig. 218).
Tele-objectives. Series $f / 7$.
The "Bis-Telar" may be described as a long-focus lens which requires only a short bellows extension. By its use on an ordinary hand camera with the ordinary extension, an image can be obtained approximately twice as large as that given by the lens usually attached to such cameras.

The Busch "Bis-Telar" is no larger than the ordinary R.R. or aplanat lenses and can be fitted to almost any shutter. It is a complete lens requiring no attachment, \&c., and gives sharp definition at full aperture $f / 7$.


Fig. 218

Series f/7.

| No. | Focus | $\begin{gathered} \text { Camera } \\ \text { Extension } \end{gathered}$ | For Plates | In Iris Mount | $\begin{aligned} & \text { In Focussing } \\ & \text { Mount } \end{aligned}$ | In KoilosShutter |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Sin. | $4 \frac{1}{8} \mathrm{in}$. | 31 by 21 in. | $\begin{array}{cccc}\text { ¢ } & \text { s. } \\ 2 & 5 & 0\end{array}$ | $e$   <br> 3 s. d. | ${ }_{4}{ }^{\text {s }}$ s. | ${ }_{0}^{\text {d. }}$ |
| 2 | 103 in . | $5 \frac{1}{2} \mathrm{in}$. | $4 \frac{1}{3}$ by $3 \frac{1}{2} \mathrm{in}$. | 300 | 400 | 55 | 0 |
| $2 \frac{1}{2}$ | $13 \frac{1}{2} \mathrm{in}$. | 7 in . | 5 by 4 in. | 450 | 550 | 613 | 0 |
| 3 | 16 in . | $8 \frac{1}{4} \mathrm{in}$. | $6{ }_{2}^{\frac{1}{2}}$ by $4 \frac{3}{3} \mathrm{in}$. | 500 |  |  |  |
| 4 | 22 in | $11 \frac{1}{2} \mathrm{in}$. | $8 \frac{1}{2}$ by $6 \frac{1}{2} \mathrm{i}$. | $10 \quad 0$ |  |  |  |

## ROSS' PATENT "HOMOCENTRIC" LENSES

(as Fig. 219).


Fig. 219

These lenses work at full aperture with exquisite definition, and are unequalled in the qualities which distinguish lenses of the highest grade.

Remarkable covering, flatness of field, freedom from distortion.

SERIES II. For portraits, groups, and extremely rapid exposures.

Series III. For views and groups, and snapshot hand camera work.
Series V. For views and groups, copying and hand camera work, with large aperture.

| No. | Focus | Plate covered Full aperture | $\begin{gathered} \text { Series } 11 . \\ F / 5^{\prime} 6 \end{gathered}$ | Series III. F/6'3 | Series IV. F/6.8 | Series V. F/8 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Inches | Inches | £ s. d. | $\pm$ s. d. | £ s. d. | $f$ s. d. |
| 1 | 5 | $4 \frac{1}{4}$ by $3^{\frac{1}{4}}$ | 5000 | 400 | 400 | 3100 |
| 2 | $5 \frac{1}{2}$ | $4 \frac{3}{4}$ by $3 \frac{1}{2}$ | 5100 | 450 | 450 | $3-150$ |
| 3 | 6 | 5 by 4 | 600 | 4100 | 4100 | 400 |
| 4 | 7 | $6 \frac{1}{2}$ by $4 \frac{3}{4}$ | 700 | 5100 | 5100 | 500 |
| 5 | $8 \frac{1}{2}$ | $7 \frac{1}{2}$ by 5 | 8100 | 700 | 700 | 600 |
| 6 | 10 | $8 \frac{1}{2}$ by $6 \frac{1}{2}$ | 1200 | 9100 | $910 \quad 0$ | 800 |
| 7 | 12 | 10 by 8 | 1700 | $1210 \quad 0$ | 12100 | 10100 |

ROSS-ZEISS "TESSAR" LENSES (as Fig. 220).
The " Homocentric" and "Tessar" lenses may be adapted to all cameras, new or old.

Series IIb. F/6*3.

| Focus |  | \& | s. | d. |
| :---: | :---: | :---: | :---: | :---: |
| $5 \frac{1}{2} \mathrm{in}$. | $\ldots$ |  | 15 | 0 |
| 6 in . | $\ldots$ | 5 | 0 | 0 |
| $7 \frac{1}{10} \mathrm{in}$. | .. | 7 | 0 | 0 |
| $8 \frac{1}{4} \mathrm{in}$. | $\ldots$ | 8 | 10 | 0 |
| 10 in . | $\ldots$ | 11 | 10 | 0 |
| 12in. |  | 17 | 0 | 0 |

Series Ic. F/4.5.

| Focus |  | $£$ | s. | d. |
| :--- | :--- | ---: | ---: | ---: |
| Fin in. | $\ldots$ | 5 | 0 | 0 |
| 6 in. | $\ldots$ | 6 | 10 | 0 |
| $7 \frac{1}{1} \mathrm{in}$. | $\ldots$ | 8 | 0 | 0 |
| $8 \frac{1}{2} \mathrm{in}$. | $\ldots$ | 10 | 0 | 0 |
| 10 in. | $\ldots$ | 16 | 0 | 0 |
| 12 in. | $\ldots$ | 22 | 10 | 0 |

## GOERZ DOUBLE ANASTIGMAT "SYNTOR"

Series Id. F/6•8 (as Fig. 221).

This lens, being intended for use on hand cameras, will only be supplied in foci varying from $4 \frac{3}{4}$ to $8 \frac{1}{4}$ inches. The "Syntor" $\mathrm{f} / 6.8$ is well corrected for chromatic and spherical aberration and for astigmatism. The angle covered at $f / 6.8$ is $64^{\circ}$; by the use of smaller stops this angle can be increased to $70^{\circ}$. A plate having a base line equal to the focal


Fig. 221 length of the "Syntor" used is excellently covered. Where a considerable displacement of the lens from the centre is desired the next longer focus is recommended.

| No. | Equivalent Focus | For Plates | Price in Ordinary Mount | Price in Sunk Mount | Price in Anschutz Focussing Mount |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Inches | Inches | \& s. d. | $\pm$ s. d. | £ s. d. |
| 0 | $4 \frac{3}{4}$ | $4 \frac{1}{4}$ by $3 \frac{1}{4}$ | 350 | 3100 | 400 |
| 1 | 6 | 5 by 4 | 3150 | 400 | 4100 |
| 2 | 7 | $6 \frac{1}{2}$ by $4 \frac{3}{4}$ | 4100 | 4150 | $5 \quad 50$ |
| 3 | 81 | 7 by 5 | 650 | 6100 | 700 |

## COOKE LENSES

With Iris diaphragm (as Fig. 222).

The following prices for "Cooke" lenses are subject to a cash discount of five per cent.:-


SERIES II. Aperture $\mathbf{f} / \mathbf{4} \cdot 5$.

| Approximate Equivalent Focus | Size of Plate | Diameter of Flange Screw | Diameter of Hood | PRICE with Flange |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Inches | Inches | Inches | Inches | £ | s. | d. |
| 4 | $3 \frac{1}{4}$ by $3 \frac{1}{4}$ | $1 \frac{1}{2}$ | $1 \cdot 60$ | 4 | 2 | 0 |
| 5 | $4 \frac{1}{4}$ by $3 \frac{1}{4}$ | $1 \frac{1}{2}$ | 1.65 | 4 | 17 | 0 |
| 6 | 5 by 4 | 2 | $1 \cdot 90$ | 5 | 9 | 6 |
| 8 | $6 \frac{1}{2}$ by $4 \frac{3}{4}$ | 24 | $2 \cdot 50$ | 6 | 12 | 6 |
| $10 \frac{1}{2}$ | $8 \frac{1}{2}$ by $6 \frac{1}{2}$ | 2 妾 | 2.60 | 13 | 17 | 6 |
| 13 | 10 by 8 | $3 \frac{1}{2}$ | $4 \cdot 00$ | 21 | 4 | 0 |



Fig. 223

## COOKE LENSES

Series IV (as Fig. 223).
These lenses of large aperture have been designed for high speed photography for the finest portraiture and for difficult subjects in poor lights. Like the wellknown "Cooke" lenses, Series III and V, they have only three thin glasses uncemented, and obviously transmit more light than do any of the usual complex forms. Their unique construction ensures a uniform excellence hitherto impossible among lenses having such large apertures.

| Approximate Equivalent Focus | Plate covered at $f / 5^{\prime} 6$ | Plate covered at $f / 16$ | Diameter of Flange Screw | Diameter of Hood | PRICE with Flange |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Inches | Inches | Inches | Inches | Inches | £ s. d. |
| 5 | $4 \frac{1}{4}$ by $3 \frac{1}{4}$ | 5 by 4 | $1 \frac{1}{2}$ | $1 \cdot 40$ | 496 |
| 6 | 5 by 4 | 7 by 5 | $1 \frac{1}{2}$ | $1 \cdot 65$ | 4196 |
| 8 | $6 \frac{1}{2}$ by $4 \frac{3}{4}$ | $8 \frac{1}{2}$ by $6 \frac{1}{2}$ | $1{ }^{3}$ | $1 \cdot 90$ | 660 |
| 912 | $8 \frac{1}{2}$ by $6 \frac{1}{2}$ | 10 by 8 | 2 | 2.00 | 950 |
| 11 | $8 \frac{1}{2}$ by $6 \frac{1}{2}$ | 12 by 10 | $2 \frac{1}{2}$ | $2 \cdot 80$ | 12146 |
| 13 | 10 by 8 | 14 by 11 | 3 | $3 \cdot 30$ | $\begin{array}{lll}15 & 3 & 0\end{array}$ |
| 16 | 12 by 10 | 15 by 12 | 31 | $3 \cdot 60$ | $\begin{array}{llll}21 & 3 & 6\end{array}$ |
| 18 | 15 by 12 | 18 by 16 | 4 | $4 \cdot 25$ | 2440 |

## "COOKE" LENSES IN SUNK MOUNTS.

To meet the growing demand for Lenses in Sunk Mounts, suitable for collapsible and Reflex types of Cameras, this special sunk form of mount has been designed, and "Cooke" Lenses, complete with flanges, in such mounts, can now be supplied at the following prices.
"Cooke" Lenses can be supplied in Sunk Mounts with Focussing Jackets at an extra cost of 20/-.

| Series II. f/4.5 | Series III. $f / 6.5$ | Series IV. $\mathrm{f} / 5 \times 6$ | Series IIa. f/3'5 |
| :---: | :---: | :---: | :---: |
|  |  |     <br> $5 i n$.   s. |  |
| 51 in in. ... 5150 | $5 \frac{1}{2}$ in. ... 4126 | 6 in . .. 5776 | $6 \mathrm{in} . . . .7130$ |
| $6 \mathrm{in} .1 . .656$ | 6 gin. ... 4176 | $\sin$. .. 6190 | Sin. ... 10176 |
| sin. ... 7100 | $7 \frac{1}{2}$ in. ... 6000 | $9 \frac{1}{2} \mathrm{in} . . .99180$ |  |
| $10 \frac{1}{2}$ in. ... 14150 | $8 \frac{1}{2} i n . . .66136$ | 11in. ... 13120 |  |
|  |  |  |  |

PLANISCOPE "A" (as Fig. 224).
For use on Magazine or Box Hand Camera.

For Portraiture


Fig. 224
PLANISCOPE LENSES (as Fig. 225).


Fig. 225.
These are supplementary lenses, which are mounted in light metal mounts, arranged to grip the hood of any ordinary lens (as Fig. 225), "Telephoto," wide angle, copying and portrait lenses.

$$
\begin{array}{rcccc}
\text { No. 0, for Folding Hand Cameras, \&c. } & \ldots & \ldots & 5 /- \\
", 1 \text {, for } \frac{1}{4} \text {-plate or } 5 \text { by } 4 & \ldots & \ldots & \ldots & 5 /- \\
, 2 \text {, for } \frac{1}{2} \text {-plate or } 7 \text { by } 5 \mathrm{in} . & \ldots & \ldots & \ldots & 6 / 6 \\
", 3 \text {, for whole-plate } & \ldots & \ldots & \ldots & \ldots
\end{array} 7 / 6
$$

Or complete set of four lenses, No. 1, 20/-; No. 2, 26/-; No. 3, 30/If required other than makers' standard size, an extra charge of $2 / 6$ is made.

When ordering please be sure and state which kind is required.

## BINOCULARS.

## ROSS' NEW MODEL STEREO PRISM

BINOCULARS (as Figs. 226 and 227).

## LARGE APERTURES.



Fig. 226

INCREASED FIELD.


Fig. 227

Ross' Stereo Prism Binoculars.


| Linear <br> Magnifications | Field of View |  | Stereoscopic Power | Light Transmitting Power | Approximate Weight |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Apparent Angular | Linear per 1000 yards |  |  | $\begin{aligned} & \text { With } \\ & \text { S.F.A. } \end{aligned}$ | Without E.F.A. |
| $x \quad 6 \mathrm{ELA}$ | $50^{\circ}$ | 146 | 12 | 25 | - | 24 oz. |
| $\times 8$ LA | $50^{\circ}$ | 110 | 15 | 9 | 21 oz . | 19 ," |
| $\times 10$ LA | $50^{\circ}$ | 87 | 19 | 64 | 21 , | $19$ |
| $\times 12 \mathrm{ELA}$ | $40^{\circ}$ | 58 | 24 | 61 | - '" | $24$ |

## "LYRIC" PRISM. OPERA GLASSES

(as Fig. 228)


Fig. 228

An extremely dainty glass, comprising all the good points of the larger glasses, but in a condensed form, rendering them suitable for opera use. The field is large and the illumination brilliant. The definition is excellent over the whole field of view. Each in a dainty soft leather bag, with silk cords. An acceptable present.

$$
\begin{array}{llllll}
\text { Our cash price } & \ldots & £ 3 & 5 & 0
\end{array}
$$

"PORTSMOUTH" PRISM BINOCULAR
(as Fig. 229).


Fig. 229
Thoroughly well made, with exceedingly rigid and solid body, a most practical glass and equal to those sold at twice the price. Fitted with central screw adjustment for focussing and bending bar for the adjustment of the varying separation of the eyes. Owing to the wide separation of the object glasses, a real stereoscopic relief is obtained. Magnification, eight times.

Complete in leather sling case.
"ALDERSHOT" PRISM BINOCULAR (as Fig. 230).

The "Aldershot" Prism Binocular is specially compact, yet embodies all the necessary movements, and can be thoroughly recommended. The lenses are specially selected and give excellent definition and field of view, and the prisms are securely fixed in position. The body is strongly constructed and fitted with central screw adjustment for focussing, and also bending bar for adjustment of the varying separation of the eyes. Magnification, eight times.

Our special cash price, complete in leather sling case, $\begin{array}{lll}£ 3 & 17 & 6\end{array}$


Fig. 230

## LENS CAPS.

These caps are covered with real Morocco leather, and lined with velvet. and must not be confounded with the cheap imitation leather caps on the market, which fall to pieces if allowed to get damp.

$$
\begin{aligned}
& \text { Price each ... } 4 \mathrm{~d} . . .4 \frac{1}{2} \mathrm{~d} . . .5 \frac{1}{2} \mathrm{~d} . \ldots 6 \mathrm{~d} . . .6 \frac{1}{2} \mathrm{~d} . . .7 \mathrm{~d} . . .9 \mathrm{~d} . . .1 \text { 10d. ... } 1 / 1
\end{aligned}
$$



Fig. 231

LENS CASES (as Fig. 231).
Made of solid brown leather and lined with velvet. A perfect protection for the lens and everlasting wear.

| $\frac{1}{4}$-plate | $\ldots$ | $\ldots$ | $2 /$. |
| :--- | :--- | :--- | :--- |
| $\frac{1}{2}$-plate | $\ldots$ | $\ldots$ | $2 / 5$ |

Baize lens cases ... ... $\frac{1}{4}$-plate 6 d .
$\frac{1}{2}$-plate 9 d .

## CASH DDHOUGRAPHC CHEMISTS (C) DEPARTMENT

LEVELS (as Fig. 232).
Taylor, Taylor and Hobson's patent circular spirit level, guaranteed for 12 months.

Price
1/-


Fig. 232

Circular levels, without flange, of very superior make, 9 d .

" T " pattern nickel levels (as Fig. 233)
Ball levels (as Fig. 234).
Price
Fig. 233


Fig. 234

## MASKS AND DISCS.

In boxes, either 2 by 2,3 by 2,3 by 3,3 by 4 in . per box 5d.
In boxes 3 by 4 in., 5 by 4, cabinet, and $\frac{1}{2}$-plate, 10 d .
CRUSHMETER (as Fig. 235).
A measure having an exceptionally thick bottom, the inside being shaped like a mortar. As shown in illustration, it is provided with a glass pestle exactly fitting the measure, tablets and compressed developers can readily be reduced to powder. The thickness of the glass bottom prevents any chance of breakage, and it will therefore be found a very useful adjunct to the dark room.

Price complete in carton
... 4oz. size $1 / 10 \frac{1}{2}$
... 10oz. ,, 2/9


MEASURES (Glass).
Sand blasted, plain figures.

| loz. (as Fig. | $236)$, | conical... |  |
| :--- | :--- | :--- | :--- |
| loz. | , | , | $\ldots$ |
| $20 z$. | $"$ | $"$ | $\ldots$ |
| $40 z$. | , | , | $\ldots$ |

...
4 d .
Fig. 235


Fig. 237
10oz. (as Fig. 237), cylindrical ... 20 oz .
" ...


## "NERO" MEASURES

(as Fig. 238)
2oz. ... ... .... 5d.
4oz. ... ... ... $6 \frac{1}{2} d$.
10oz.

Fig 238
MEASURING JUGS (Glass).
(as Fig. 239). With handle, sand blasted, plain figures.
To hold 1 pint ... ... 11d. To hold 1 quart ... ... $\mathbf{1 / 2}$

## MAGNIFIERS.

" 20th Century," specially adapted for hand cameras. To take photos at 3 ft ., 6 ft ., and 9 ft . distance, $1 / 6$ each ; $3 / 9$ set of three.
"Klito " Magnifiers, 3ft., 6ft., and 9ft., per set of three, 3/6

## HIGGINS' PHOTO MOUNTANT.

## 3oz. bottle $5 \frac{1}{2} \mathrm{~d}$.

6oz. 11d.
14oz. 1/10
"ADHERO" MOUNTING MACHINE (as Fig. 240).
A complete outfit for dry mounting photographs, pictures, drawings, \&c., on paper, cards, or mounts of every description.

This machine has been specially introduced to meet the requirements of amateurs for a thoroughly satisfactory dry mounting press at a price within the reach of all. It will mount $\frac{1}{4}$-plate, 5 by 4 , and $\frac{1}{2}$-plate prints, in one pressure on a mount up to 8 in. wide, and whole-plate prints in two pressures.

The working of the press is extremely simple.
The box contains :-
1 Machine Mounting Press
1 Thermometer
1 Spirit Lamp
1 Fixing Iron
2 Metal Mounting Covers, Glossy and Matt
1 Grey Mounting Board
Heated by spirit lamp or gas. $25 /-$, in neat box.

## "ENSIGN" DRY MOUNTER

(as Fig. 241).


Fig. 241
Enables prints to be dry mounted by heat in an album or on the ordinary mounts. There is no limit to the size of the print that may be mounted with this appliance.

[^3]

## ADHESIVE TISSUE.

| Inches. <br> $3 \frac{1}{2}$ by $2 \frac{1}{2}$ |  |  | pieces | 6d. | ... |  | pieces 1/- |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $4 \frac{4}{4}$ by 34 | ... | 30 | " | 6d. | ... | 72 | 1/. |
| 5 by 4 | ... | 24 | , | 6 d . | $\ldots$ | 54 | 1/. |
| $6 \frac{1}{2}$ by $4 \frac{3}{4}$ | ... | ... | ... | ... | $\ldots$ | 36 | 1/- |
| $7 \frac{1}{2}$ by 5 | ... | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | 30 | 1/- |
| $8 \frac{1}{2}$ by $6 \frac{1}{2}$ | ... | $\ldots$ | ... | ... | ... | 20 | 1/. |
| 10 by 8 | ... |  | $\ldots$ | 30 p | ieces) |  | packet |
| 12 by 10 | ... | $\ldots$ | ... | 20 | " |  | 2/. |
| $3 \frac{1}{2}$ by $2 \frac{1}{2}$ | ... | ... | $\ldots$ | ... | ... |  | per gross |
| 44 by 31 | (1-plate) |  | ... | $\ldots$ | $\ldots$ | 1/6 | ," |
| 6 by 4 | (cabinet) |  | $\ldots$ | $\ldots$ | $\ldots$ | 2/6 | , , |
| 6 by $4 \frac{1}{4}$ | ... | ... | $\ldots$ | ... | $\ldots$ | 2/6 | ,, |
| $6 \frac{1}{2}$ by $4 \frac{3}{4}$ | (1)-plate) | ... | $\ldots$ | $\ldots$ | $\ldots$ | 3/3 | ," |
| 8 by 6 | ... | ... | $\ldots$ | $\ldots$ | $\ldots$ | 5/- | , , |
| $8 \frac{1}{2}$ by $6 \frac{1}{2}$ | (1-plate) | ... | $\ldots$ | $\ldots$ | $\ldots$ | 6/- | ,, |
| 10 by 8 | ... | ... | $\ldots$ | $\ldots$ | $\ldots$ | 8/- | -, |
| 12 by 10 | ... | ... | $\ldots$ | $\ldots$ | $\ldots$ | 12/- | , , |
| 15 by 12 | ... | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | 18/- | , |
| 20 by 16 | ... | $\ldots$ | $\ldots$ | $\ldots$ | ... | 32/- |  |
| 24 by 20 | ... | ... | $\ldots$ | $\ldots$ | ... | 45/- | ," |
| 24 by 20 | ... | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ |  | per quire |



Fig. 242

## "20th CENTURY" MOUNTANT (as Fig. 242)

The "20th Century" Mountant is perfectly free from acid and all substances likely to have a deleterious effect upon the most delicate print.

$$
\begin{array}{lllll}
\text { Large bottle } & \ldots & \ldots & \text { 4id } \mathrm{d} . \\
\text { 12-oz. }, \quad & \ldots & \ldots & 9 \mathrm{~d} .
\end{array}
$$

Quotations for bulk upon application.

# Diophen. <br> THE DEVELOPER FOR BROMIDE AND GASLIGHT PAPERS. <br> Per ounce 9d. 

ONLY OBTAINABLE FROM
$\mathscr{A}$ atd PHOTOGRAPHIC DEPARTMENT

## MOUNTS.

PORTRAIT OR VIEW MOUNTS.

|  | $\begin{aligned} & 3 \\ & 0 \\ & 0 \end{aligned}$ |  | $\begin{aligned} & \text { ì } \\ & \text { in } \end{aligned}$ |  | $\frac{\stackrel{y}{5}}{\frac{\pi}{4}}$ | $\frac{\underset{\pi}{2}}{i}$ | $\begin{aligned} & \infty \\ & \hat{\infty} \\ & \underset{\Omega}{2} \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Bristol Cream or Grey, plain edges ... 25 | $\begin{array}{ll} \text { s. } & \\ 0 & { }_{2}^{2} \end{array}$ | $\begin{array}{cc} \text { s. } & \text { d. } \\ 0 & 3 \end{array}$ | $\begin{array}{ll} \text { s. d. } \\ 0 & 5 \end{array}$ | $\begin{aligned} & \text { s. } \mathrm{d}_{1} \\ & 0 \\ & 0 \end{aligned}$ | $\begin{aligned} & \text { s. d. } \\ & 0.6 \end{aligned}$ |  | $\begin{array}{cc} \text { s. } & \text { d. } \\ 1 & 8 \end{array}$ |
| .. ", ". ... 100 | 07 | 010 | 14 | 16 |  |  | 63 |
| ". ." gold bevelled edges ... 25 |  | 07 | 09 | 010 | 10 |  | 30 |
| ", "̈ ., ." .. |  |  | 27 | ${ }_{2}^{2} 11$ |  |  | 11 |
| Enamelled Cream, plain edges ... 25 |  |  | $\begin{array}{ll}0 & 6 \\ 1\end{array}$ |  |  |  | 22 |
| gold bevelled edges $\quad 100$ | $\begin{array}{ll}0 & 9 \\ 0 & 6\end{array}$ | $\begin{array}{ll}1 & 2 \\ 0 & 8 \\ 8 & \\ 8\end{array}$ | 1 8 <br> 0 108 | 2 1 | $\begin{array}{ll}2 & 9 \\ 1 & 9\end{array}$ |  | 8 3 3 |
| ". 100 | 17 | 25 | 31 | 36 |  |  | 136 |
| .. Olive or Chocolate, plain edges 25 |  | 05 | 0 0 | ${ }^{0} 8$ | $1{ }^{1} 0$ |  | ${ }^{2} 7$ |
| , " |  |  | 111 |  |  |  | 10 3 |
|  | $\begin{array}{ll}0 & 6 \\ 1 & 8\end{array}$ | $\begin{array}{ll}1 & \\ 0 \\ 2 & 6\end{array}$ | $\begin{array}{ll}1 & 11 \\ 0 & 11 \\ 3 & 3\end{array}$ | 1 0 <br> 3 8 | $\begin{array}{ll}1 & \\ 4 \\ 4 \\ 4\end{array}$ | $\begin{array}{rr}2 & 7 \\ 10 & 0\end{array}$ |  |

## PLATE SUNK MOUNTS

Granulated Surface
Granulated board, paste-down (as Fig. 243).
Colours-Cream on grey, cream on havannah, and cream on slate grey.

Best Quality only.


|  | Board |  |  |  |
| ---: | :--- | :--- | :--- | :--- |
| No. 306 | $6 \frac{1}{2}$ | by | $5 \frac{1}{2}$ |  |
| $"$ | 307 | 8 | by | $6 \frac{1}{2}$ |
| ", | 308 | 10 | by | 8 |
| $"$, | 309 | 10 | by | 8 |
| $"$, | 311 | 12 | by 10 |  |
| $"$, | 317 | 15 | by 12 |  |
| ", | $318 \frac{1}{2}$ | 18 | by 14 |  |
| ", | 318 | 20 | by $15 \frac{1}{2}$ |  |

Tint


PLATE SUNK MOUNTS (Superior Quality).
Stock Colours-Cream on white, cream on grey.
Board


## PLATE SUNK MOUNTS

## Homespun Surface

(as Fig. 244)
Supplied in light grey on dark grey, light grey on dark brown. A matt art surface board, plate


Fig. 244


Fig. 245


## "EMBOSSED"

 CIRCLES (as Fig. 245).White, dark grey, or dark green.
Paste-on.
No. 13 Per 25 Per 100 512 13in. circle ... 9d. 2/6
513 - plate ( 2 inin. circle) 11 d . $3 / 3$
514 Cabinet 4in. ... $1 / 6$ 5/-
Slip-in.
No. Per 25 Per 100
61213 in. opening ... 11d. $3 / 3$
$613 \frac{1}{4}$-plate ( 2 zin. open) $1 / 2 \quad \mathbf{4} /$.
614 Cabinet (4in. ,, ) 1/9 6/3

## "EXHIBITION" CIRCLE AND PANEL MOUNTS.

Paste down in the following tints, dark grey on light grey, and dark brown on havannah. Matt surface with lithographed and embossed border (as Fig. 246).

| No. |  |  | Per 25 | Per 109 |
| :---: | :--- | :--- | :---: | :---: |
| 1660 | C.D.V. Panel | $\ldots$ | $1 / 4$ | $4 / 9$ |
| 1661 | Cabinet $\ldots$ | $\ldots$ | $1 / 11$ | $7 /-$ |
| 1662 | C.D.V. Circle | $\ldots$ | $1 / 5$ | $5 /-$ |
| 1663 | Cabinet $\ldots$ | $\ldots$ | $1 / 9$ | $6 / 6$ |



Fig. 246

## "ECLIPSE" MOUNTS

Slip-in (as Fig. 247).
Art matt boards with white lines, in three colours-brown, green, and grey.

| No. |  |  |  | Per 25 | Per 100 |  |
| ---: | :--- | :--- | :--- | ---: | ---: | ---: |
| 403 | C.D.V. | $\ldots$ | $\ldots$ | 9 d. | $2 / 9$ |  |
| 406 | t. | -plate | $\ldots$ | $\ldots$ | 11 d. | $3 / 3$ |
| 408 | Cabinet | $\ldots$ | $\ldots$ | $1 / 4$ | $4 / 9$ |  |
| 409 | $\frac{1}{2}$-plate | $\ldots$ | $\ldots$ | $1 / 9$ | $6 / 3$ |  |



Fig. 247
"CAMEO" SERIES, Slip-in (as Fig. 248).
Stout matt surface boards, bevelled edges and bevelled openings. Tints-green, brown, and grey.


Fig. 248

| No. |  |  | Per 25 | Per 100 |
| :---: | :--- | :--- | :---: | :---: |
| 700 | Post Card | $\ldots$ | $2 /-$ | $7 / 6$ |
| 703 | C.D.V. | $\ldots$ | $1 / 5$ | $5 /-$ |
| 706 | $\frac{1}{4}$-plate | $\ldots$ | $1 / 8$ | $6 /-$ |
| 708 | Cabinet | $\ldots$ | $2 / 6$ | $9 / 3$ |
| 709 | $\frac{1}{2}$-plate | $\ldots$ | $2 / 10$ | $10 / 6$ |
| 711 | Whole-plate... | $4 / 2$ | $15 / 3$ |  |



| No. |  | Pe | Per 10 |
| :---: | :---: | :---: | :---: |
| 712 | Circle 2in. | 1/6 | /6 |
| 3 | 3 in . | 1/10 | 6/9 |
| 4 | $3{ }_{4} \mathrm{in}$. | 2/3 | 8/- |
| 715 | $4 \frac{1}{2} \mathrm{in}$. | 2/11 | 10/9 |
| 715 | Oval C.D.V. | 1/9 | 6/6 |
| 16 | 4 by 3 in . | 2/4 | 8/6 |

## "SCROLL" MOUNTS.

Beautifully embossed (as Fig. 249) in the following tints, each with gold edge :Grey on white, light brown on dark brown, and light grey on dark grey.
C.D.V.
... per 259 d .
per $1002 / 9$
Cabinet ... , $1 / 3$
$4 / 6$


Fig. 250

| Packet |  | Size. |  |  |
| :---: | :---: | :---: | :---: | :---: |
| 2 T | ... | $2 \frac{1}{2}$ by $2 \frac{1}{2}$ | $\ldots$ | per 124 d . |
| 2 V | ... | c D'V | ... | , 257 d . |
| 3 l | $\ldots$ | C.D.V. | $\ldots$ | , 12 5 5d. |
| 5 T | $\cdots$ | $3 \frac{1}{2}$ by $3 \frac{1}{2}$ | .. | 126 d . |
| 5 V |  |  |  | 25 11d. |
| 6 S | $\ldots$ | 1-plate | $\ldots$ | 6 312d. |
| 6 T | ... | ," | $\ldots$ | $12 \mathrm{6d}$. |
| 6 V | ... | 5 " | ... | 25 11d. |
| 7S | ... | 5 by 4 | ... | 6 412 ${ }^{2} \mathrm{~d}$. |
| 7 T | $\ldots$ | ., | ... | $1288 \frac{1}{2} \mathrm{~d}$. |
| 7 V | $\ldots$ |  | $\ldots$ | $251 / 4$ |
| 8 S | $\ldots$ | Cabinet | $\ldots$ | $64 \frac{1}{2} \mathrm{~d}$. |
| 8 T | ... | , | $\ldots$ | 12 8 1 d. |
| 8 S |  |  | ... | $251 / 4 \frac{1}{2}$ |
| 9 S | $\ldots$ | $\frac{1}{2}$-plate | $\ldots$ | 65 d . |
| 9 T | $\cdots$ | " | $\ldots$ | 12 913d. |
| 9 V | ... | , | ... | $251 / 6$ |

SLIP-IN.


## "CAMEO" TRIPLE MOUNTS, Slip-in.

Bevelled edge openings (two upright, one oblong, and vice versa); also two oblong with one circle (as Figs. 251 and 252). Matt surface boards, in green, brown, and grey.


Fig. 251

|  |  |  | Per pkt. of |  |
| :---: | :---: | :---: | :---: | :---: |
| 1300 | Post Cards |  | 4 d . | 3/6 |
| 1303 | C.D.V. | ... | 3d. | $2 / 3$ |
| 1304 | $4 \frac{1}{4}$ by $2 \frac{1}{2} \mathrm{in}$. | ... | $3 \frac{1}{2} \mathrm{~d}$. | 2/10 |
| 1306 | 4-plate | ... | $3 \frac{1}{2} \mathrm{~d}$. | 2/10 |
| 1307 | 5 by 4 | ... | 4 d . | 3/6 |
| 1308 | Cabinet |  | $4 \frac{1}{2} \mathrm{~d}$. | 4/3 |
| 1309 | $\frac{1}{2}$-plate |  | 5d. | 4/9 |



Fig. 252


## "EXHIBITION" MOUNTS

(as Fig. 253).
Matt surface, with lithographed and embossed border. In the following tints:Dark grey on light grey, and dark brown on havannah.

The slip-in mounts have hand cut bevelled edge openings.

Supplied only in packets as follows, assorted, or all one colour :-

Fig. 253

PASTE-ON.
Packet No.

| 53 T | C.D.V. | $\ldots$ | per | 12 | $7 \frac{1}{2} \mathrm{~d}$. |
| :--- | :---: | :---: | :---: | ---: | :---: |
| 53 V | $"$ | $\ldots$ | , | 25 | $1 / 2$ |
| 56 S | $\frac{1}{2}$-plate | $\ldots$ | , | 6 | $\frac{1}{2} \mathrm{~d}$. |
| 56 T | $"$ | $\ldots$ | , | 12 | 8 d. |
| 56 V | $"$ | $\ldots$ | , | 25 | $1 / 3$ |
| 58 S | Cabinet | $\ldots$ | , | 6 | $7 \frac{1}{2} \mathrm{~d}$. |
| 58 T | $"$ | $\ldots$ | , | 12 | $1 / 2$ |
| 58 V | $"$ | $\ldots$ | , | 25 | $2 / 2$ |
| 59 S | $\frac{1}{2}$-plate | $\ldots$ | , | 6 | 9 d. |
| 59 T | $"$ | $\ldots$ | , | 12 | $1 / 5$ |
| 59 V | ,$"$ | $\ldots$ | , | 25 | $2 / 9$ |

## SLIP-IN.

Packet No.

| 63 T | C.D.V. | ... | per 12 | 1/1 |
| :---: | :---: | :---: | :---: | :---: |
| 63 V |  | $\ldots$ | 25 | 2/1 |
| 66 S | $\frac{1}{4}$-plate | $\ldots$ | ,, 6 | $7 \frac{1}{2} \mathrm{~d}$. |
| 66 T | , | $\ldots$ | 12 | 1/2 $2^{\frac{1}{2}}$ |
| 66 V | " | ... | 25 | 2/4 |
| 67 S | 5 by 4 | ... | 6 | 10d. |
| 67 T | ," | $\ldots$ | 12 | 1/7 |
| 67 V | " | $\ldots$ | 25 | 3/- |
| 69 S | $\frac{1}{2}$-plate | ... | 6 | 1/1 |
| 69 T | , • | ... | , 12 | 2/1 |
| 69 V | , | ... | , 25 | 4/1 |

## "GRAVURA" MOUNTS

Paste on (as Fig. 254).
Plate paper board, white, with white deckled edges and bevelled plate mark. Supplied in packets only as follows-

| Packet No. |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| ${ }^{33 \mathrm{~T}}$ | C.D.V. |  | per 12 |  |
| ${ }_{36 \mathrm{~T}}^{33 \mathrm{~V}} \ldots$ |  |  | , 25 |  |
| 36 V |  |  | ", 25 | ... 1/2 |
| 38 | Cabinet | ... | , ${ }^{\text {, }} 6$ |  |
| 38 |  |  | 12 |  |
| 38 V ... |  |  | ,,24 | ... 1/8 |
| 39 S ... | $\frac{1}{2}$-plate |  | ${ }^{6}$ | $\ldots$ |
| ${ }^{39 \mathrm{~T}}$... |  |  | 12 |  |
| 39 V ... |  |  |  |  |



Fig. 254
BORDER MOUNTS, Slip in (as Fig. 255).
Bristol green, with an artistic embossed design.

Supplied in packets only as follows:-

| Packet No. | ${ }_{\text {Size }}^{\text {Size }}$, |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | C.D.V. |  | per 12 | 1012 $\frac{1}{2}$ d. |
| 43 V |  |  | 25 | 1/8 |
| 46 T | d-plate | . | 12 | 1/1 |
| 46 V |  |  | 25 | 2/1 |
| 48 S | Cabinet | $\ldots$ | 6 | 912 ${ }^{1} \mathrm{~d}$. |
| 48 T | ," | $\ldots$ | 12 | 1/6 |
| 48 V |  | ... | 25 | 2/11 |
| 49 S | $\frac{1}{2}$-plate |  | 6 | $10 \frac{1}{2} \mathrm{~d}$ |
| 49 T |  |  | 12 | 1/8/2 |
| 49 V ... |  |  | 25 | 3/4 |

## "MILLAIS" MOUNTS (as Fig. 256).

Art boards, linen surface, with paste-down tint. In packets of assorted tints in the following sizes only :-

Greys, for B. and W. prints. Series I.

Browns for toned, carbon, or P.O.P. prints. Series II.

A distinctive mount, providing as it does a high grade composite board without the trouble of building up. Supplied in packets of 12 -

| $\frac{1}{4}$-plate $\ldots$ | $\ldots$ | $1 / 9$ |
| :--- | :--- | :--- |
| Post Card | $\ldots$ | $1 / 3$ |
| $\frac{1}{2}$-plate $\ldots$ | $\ldots$ | $1 / 9$ |



141

## "FLORENTINE" SLIP MOUNTS (as Fig. 258).

In grey and brown, with limp edges. The surface of this mount is of a rough paper with a grain similar to that of a hand-made paper, and there is an impressed plate mark round the openings.

These are supplied only in packets, assorted or all one colour, as follows :-

| Packet | 7T |  | plate... | per 12 | 10d |
| :---: | :---: | :---: | :---: | :---: | :---: |
| , | 76 V | ... | , ... | 25 | 1/7 |
| " | 76L | $\ldots$ | ", ... | 50 | 3/1 |
| " | 70 T |  | Post Card | , 12 | 1/3 |
|  | 70 V | $\ldots$ | ,, ... | 25 | 2/4 |
|  | 70 L |  |  | , 50 | 4/6 |



Fig. 258


Fig. 259

## "GENOESE" SLIP MOUNTS

(as Fig. 259).
In white and cream, with graduated surround - deckiled edges.

Supplied only in packets, either assorted or all one colour, as follows :-
Packet No. 86T ...t -plate ... ... per 12 1/-

| 86 V ... |  | 25 | 1/11 |
| :---: | :---: | :---: | :---: |
| 86L ... |  | 50 | 3/6 |
| 80T ...Post Card |  | 12 | 1/5 |
| $80 \mathrm{~V} \ldots$ |  | , 25 | 2/8 |
| 80L ... |  | , 50 | 5/- |

"GENOESE" FOLDER SLIP MOUNTS (as Fig. 260).

Similar to the "Genoese," but each mount inserted in a linen surface cover of suitably tinted paper.

Supplied only in packets, assorted or all one colour, as follows :-


Fig. 260
Packet No. 96S, $\frac{1}{3}$-plate, per 69 d . 96 T , ", per 12 1/5

Packet No. 90S, Post Card, per $61 /$.
$90 \mathrm{~T}, \quad, \quad$ per $121 / 10$

## "TORINO" MOUNT, Paste-on (as Fig. 261).



Fig. 261

A tasteful mount, supplied only in havannah or light grey. The print space is surrounded by a darker litho tint of the same colour as the border.

Supplied only in packets, containing one colour only, as follows :-
C.D.V. only-upright or oblong, $\frac{1}{2}$-plate, with central tint:-


## " ROMA" MOUNT, Paste-on

(as Fig. 262)
A thin linen surfaced board, with litho border. The board measures 933 in . by $6 \frac{3}{3} \mathrm{in}$., and being plain is suitable for large or small prints. Supplied in two colours-fawn, with edge of havannah; light grey, with edge of darker grey.

Supplied only in packets, containing one colour only, as follows :-
Packet No. 12T Size 943 by $6 \frac{3}{4}$ in. ... per 1211

| $"$ | 12 V | , | , | , | $\cdots$ | , | 25 | 2 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0 |  |  |  |  |  |  |  |  |
| $"$ | 16 T | , | 67 | by $4 \frac{7}{8}$ in. | $\cdots$ | $"$ | 12 | 0 |
| 8 |  |  |  |  |  |  |  |  |
| $"$ | 16 V | ,$"$ | ,$"$ | $\cdots$ | , | 25 | 1 | 3 |



Fig. 262
"WOODHALL" MOUNT, Paste-on (as Fig. 263).


Fig. 263

An extremely elegant mount, in either a delicate pearly grey, or a warm havannah tint.

The print space is surrounded by a triple line, the effect being very tasteful.

Supplied only in packets of one colour in $\frac{1}{4}$-plate and $\frac{1}{2}$-plate sizes.

| Packet | No. | 156T | ${ }_{4}^{1}$-plate |  | r 12 1/1 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| , |  | 156 V |  | ... | ,, 25 2/- |
| , |  | 159T | $\frac{1}{2}$-plate | $\ldots$ | ,, 12 1/5 |
|  | , | 159 V |  | ... | ," 25 2/9 |

## CASH O) 101001 OAPHC <br> CHEMISTS

"BUXTON" MOUNT, Paste-on (as Fig. 264).
A plate-sunk mount of a delicate fawn, with


Fig. 264 warm brown inner tint, or of havannah board with a darker brown tint. The surface of this mount is linenized, the effect being exceptionally refined.

Supplied only in packets of one colour in $\frac{1}{4}$-plate and $\frac{1}{2}$-plate sizes.

| Packet No. | 166 T | $\frac{1}{4}$-plate | $\ldots$ | per | 12 |
| :---: | :---: | :---: | :---: | ---: | ---: |

## "PALERMO" MOUNT

## (as Fig. 265).

A new grey matt surface stiff board, with a narrow black line margin. The most suitable mount, undoubtedly, for black and white prints such as gaslight, bromide, platinotype, \&c.

Sold in packets only.


Fig. 265
Packet No. 146 T -Size of board, 7 by 5 in .
per $129 \frac{1}{2} \mathrm{~d}$. " $146 \mathrm{~V} \quad " \quad, ", 10$ by 7 in. $\begin{array}{cccl}\cdots & \text { per } & 12 & 9 \frac{1}{2} d . \\ \cdots & " & 25 & 1 / 6 \\ \cdots & " & 12 & 1 / 2 \\ & & 25 & 2 / 3\end{array}$ $\begin{array}{llll}", & 148 \mathrm{~T} & , & ", \\ , " & 148 \mathrm{~V} & " & "\end{array}$


## "MESSINA" MOUNT

 (as Fig. 266).A stout firm board with bevelled edges tinted to harmonize with the colour of the mount. The colours, dark green, rope brown and biscuit, are carefully chosen, and will be found to suit any variation of print.

Supplied in two sizes of board, in assorted packets. Packets containing all one colour will be packed to meet customers' requirements.
Fig. 266
Packet No. 136T-Size of board, $6 \frac{1}{2}$ by $4 \frac{\pi}{8} \mathrm{in}$.

|  | per | 12 | $9 \frac{1}{2} d$. |
| :--- | ---: | ---: | :--- |
| $\ldots$ | $"$ | 25 | $1 / 6$ |
| $\ldots$ | $"$ | 6 | 9 d. |
| $\ldots$ | $"$ | 12 | $1 / 5$ |
| $\ldots$ | $"$ | 25 | $2 / 9$ |

## The "Olympic" Series



An entirely new selection of

- PHOTOGRAPHIC-


## Christmas Card

## Mounts

Unapproachable for value. In assorted boxes. Either C.-de-V., $\frac{1}{4}$-Plate, or Post Card sizes.
1/-

A print from one of your summer negatives mounted in one of these tastefully designed cards possesses a personal interest that no stereotyped greeting can.

Obtain your supplies early; so great has the demand been that our stock has been exhausted within a few weeks of issue.

## :: READY IN OCTOBER. ::

OBTAINABLE ONLY FROM
Photographic Dept.


## "VENETIAN" <br> MOUNTS (as Fig. 267).

One size only, $\frac{1}{4}$ plate. Grey and brown. A cheap and tasteful mount. Slip-in.

Sold only in packets :Packet No.

$$
\begin{array}{l|lcc}
106 \mathrm{~V} & \ldots & \text { Packet of } 25 & 9 \frac{1}{2} \mathrm{~d} . \\
106 \mathrm{H} & \ldots & , & 100 \\
3 /-
\end{array}
$$

Fig. 267
"CONNOISSEUR" MOUNTS (as Fig. 268).


Fig. 268
A selection of nine hand-made mounts, various colours, size 12 by $9-\mathrm{in}$., with 27 assorted loose paste-on tints. Complete in envelope ... price 1/-

The above 12 by 9 in . sheets can be supplied separately at the following prices:-White and cream, per dozen $1 / 10$; colours, per dozen $1 / 4$

Thin Matt tints can also be supplied in packets of assorted colours, sizes from $\frac{1}{4}$-plate to 12 by 10 in ., per packet $1 /$ -

## " 20th CENTURY " ART MOUNTS (Series I.)

In packets containing nine assorted tints.
Stock size 8 by 6 in . ... per packet of $5010 \frac{1}{2} \mathrm{~d}$. ... per packet of 256 d .


If desired, packets will be supplied containing one tint only.
Supplied also in large sheets, size 25 by 20 in .
per 12 sheets $\mathbf{1 / 6}$

## " 20th CENTURY" ART MOUNTS (SERies II)

A selection of four very delicate tints, of pure mounting board with canvas surface. These tints are chosen to meet the requirements of prints in a high key, and cannot be obtained in any other series of mounts.

## " 20th CENTURY" ART MOUNTS (Series III)

A similar mount to the foregoing, but of darker tints; each packet containing mouse grey, olivite, chocolate, and rope brown. Series II and III with the canvas finish are sold in $10 \frac{1}{2} \mathrm{~d}$. packets containing sheets as under:-

30 sheets, 8 by 6 in. 20 sheets, 10 by $\sin$. 15 sheets, 12 by 10 in . Full size sheets, 4 d . each.

## PORTFOLIOS.

To hold 50 art mounts, cloth covered, with three inside flaps and strings to tie. To take prints size 8 by 6 in ., 8 d .: 10 by $\sin ., 1 /-; 12$ by 10 in ., $1 / 9$

## $\mathscr{O}$ O्00 STORAGE ALBUM FOR FILM NEGATIVES (as Fig. 269).



Fig. 269
Containing 100 envelopes of transparent paper, numbered and indexed, for storing film negatives. Strongly bound in grained material with patent fastener.


## CASH D) OIOCRAPHIC <br> CHEMISTS <br> DEPAMTMENT

" NEWLYN" WALLET (as Fig. 270).
An entirely new and practical device for containing film negatives. It will hold one thousand films.

The "Newlyn" wallet is a strongly made dark green manilla case, consisting of 21 expanding pockets lettered A to $Z$, and in each pocket is a cartridge envelope printed on the front as follows :-

| No. of Negative | Subject | Date |
| :---: | :---: | :---: |
| .......... . |  | , |
| . |  |  |



Fig. 270
forming a complete index to the contents. Each envelope is intended to hold about 12 films, but the expansion of the wallet is so elastic that many full envelopes can be kept in each pocket without straining at all the capacity of the case. It is a model of neatness and simplicity and far in advance of any other contrivance of the kind now on the market. The whole is secured by a web strap and buckle. The wallet is equally adapted for storing photographic prints.

For $\frac{1}{4}$-plate $\quad . . \quad 1 / 6 \quad$ For $\frac{1}{2}$-plate $\quad . . \quad 2 /-$
Printed envelopes can also be had separately- $-\frac{1}{4}$ plate, 3d. doz. $\frac{1}{2}$-plate, $4 \frac{1}{2}$ d. doz.

## LUMIERE'S AUTOCHROME PLATES

## For direct Colour Photography.

| $3 \frac{1}{4}$ by $3 \frac{1}{4} \mathrm{in}$. per box of 4 plates $2 / 6$ |  |  |  |
| :--- | :---: | :---: | ---: |
| $4 \frac{1}{4}$ by $3 \frac{4}{4} \mathrm{in}$. | , | , | $3 /-$ |
| 5 by 4 | , | , | $4 / 6$ |

$6 \frac{1}{2}$ by $4 \frac{3}{9} \mathrm{in}$. per box of 4 plates $7 / 6$ $8 \frac{1}{2}$ by $6 \frac{1}{2}$ in. ,, . ., $14 /$ -

TAKING SCREENS (absolutely necessary).

| 3 by $3 \mathrm{c} / \mathrm{m}\left(1 \frac{3}{16}\right.$ by $\left.1 \frac{3}{16} \mathrm{in}.\right)$ | $\ldots$ | $3 /-$ |
| :--- | :--- | :--- |
| $4 \frac{1}{2}$ by $4 \frac{1}{2} \mathrm{c} / \mathrm{m}\left(1 \frac{3}{4}\right.$ by $\left.1 \frac{3 i}{2} \mathrm{in}.\right)$ | $\ldots$ | $4 /-$ |
| 6 by $6 \mathrm{c} / \mathrm{m}\left(2 \frac{3}{8}\right.$ by 28 s i.$\left.\right)$ | $\ldots$ | $5 /-$ |

$$
9 \text { by } 9 \mathrm{c} / \mathrm{m}\left(3_{16}^{9} \text { by } 3_{16}^{9} \mathrm{in} .\right) \ldots \quad 7 / 6
$$

12 by $12 \mathrm{c} / \mathrm{m}$ ( $4 \frac{3}{4}$ by $4 \frac{3}{4} \mathrm{in}$.) ... 12/.

## SCREEN HOLDERS

For 3 by $3 \mathrm{c} / \mathrm{m}$ screen, fitting lens hoods, from ${ }_{8}^{3}$ to $\frac{5}{8} \mathrm{in}$. diam. $3 / 6$
, $4 \frac{1}{2}$ by $4 \frac{1}{2} \mathrm{c} / \mathrm{m}, \quad, \quad, \quad \frac{5}{8}$ to $1 \frac{1}{4} \mathrm{in} ., 4 /-$
, 6 by $6 \mathrm{c} / \mathrm{m},, \quad, \quad 1 \frac{1}{8}$ to $1 \frac{9}{16} \mathrm{in} .,, 5 /-$
," 9 by $9 \mathrm{c} / \mathrm{m}, \quad, \quad, \quad, \frac{1}{16}$ to $2 \frac{7}{16} \mathrm{in} .$, 7/-
,, 12 by $12 \mathrm{c} / \mathrm{m},, \quad,, 1 \frac{13}{16}$ to $3_{16}^{9} \mathrm{in}$., $9 /-$

## 20*e tentury Dry plates.

We are quite aware that it is the tendency now-a-days for every make of plate to be proclaimed as the fastest, and with a view to impressing users with the truth of this claim, very high speed numbers are quoted. However, the proof of the speed is in the use of the plate, and we know that a comparison of the "20th Century" fast plate with any other will prove conclusively that it is considerably faster than the so-called fastest. Moreover, it possesses the quality and density giving power of the slow plate, and a latitude hitherto unrealised in any fast plate.


Special sizes cut at the price of the next size larger.

## $\mathscr{B}$ Glazing Solution.

An improved preparation for obtaining the maximum glaze on P.O.P. prints and preventing the sticking of the Photographs to the Ferrotypes, Glass, or Glazing Slabs. Does not render the surface of the print brittle like other similar preparations.

In large bottles $5 \frac{1}{2} \mathrm{~d}$. and $10 \frac{1}{2} \mathrm{~d}$.





 "

$$
\text { per } 6 \text { exposures }
$$

$$
\text { "Ensign" "(Austin Edwards) ,", } 6
$$

$$
\text { Kodak "N.C." ... ... per } 6 \text { exposures }
$$

$$
\begin{array}{lllll}
\text { "Ilford " Empress, Special rapid } & \ldots & \ldots \\
\text { "Barnet "Ortho E.R. ... } & \ldots & \ldots & \ldots \\
\text { "Kodoid" Plates } & \ldots & \ldots & \ldots & \ldots \\
\text { "Wellington" Flat Films } & \ldots & \ldots & \ldots \\
\text { "Premo "Film Pack (12 films) } & \ldots & \ldots \\
\text { "Lumiere" Film Block } & \ldots & \ldots & \ldots
\end{array}
$$

$$
\begin{gathered}
\text { nette" } \\
\text { * Made }
\end{gathered}
$$

$$
\text { No. } 2
$$

*Made in 10 exposures, not 12.

## 

$$
\begin{array}{cc|c|c}
\text { FLAT } & \text { FILMS. } \\
\\
& \\
\ldots & \ldots & \ldots & \ldots \\
\ldots & \ldots & \ldots & \ldots \\
\ldots & \ldots & \ldots & \ldots \\
\ldots & \ldots & \ldots & \ldots \\
\ldots & \ldots \\
6 \text { by } 4 \cdot 5 \mathrm{c} / \mathrm{m}, 1 / 2 ; 34 & \text { by } 24,1 / 8 \\
6 \text { by } 4 \cdot 5 \mathrm{c} / \mathrm{m}, 1 / 2 ; & 1 / 24 \text { by } 24,1,1 / 8
\end{array}
$$

$$
\begin{aligned}
& \text {-/t'samsodxa } 9
\end{aligned}
$$

## 20年Contwry P.O.P.

A superlative Printing Out Paper, giving vigorous and brilliant results with any toning bath, undoubtedly unequalled by any other make.

Glossy. White and mauve. Matt (white) supplied to special order only.

> IN SEALED TUBES.

| $24 \frac{1}{2}$ by $17-\mathrm{in}$. | ... | ... | $\ldots$ | $\ldots$ | ... |  | eet | s. | d. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ", | $\ldots$ | $\ldots$ | $\ldots$ | ... | $\ldots$ | 6 | " | 3 | 6 |
| " | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | 12 | " | 7 | 0 |
| " | $\ldots$ | ... | $\ldots$ | ... |  | 24 | , | 13 | 9 |

IN PACKETS.


IN BOXES.

| $3 \frac{1}{2}$ by $2 \frac{1}{4}-\mathrm{in}$. | $\ldots$ | ... | ... | $\ldots$ | ... | 144 pieces |  | d. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $3 \frac{1}{2}$ by $2 \frac{1}{2}$ - in . | $\ldots$ | $\ldots$ | ... | ... | $\ldots$ | ,, |  | 7 |
| 34 by $4 \frac{1}{4}$-in. | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ |  | , |  | 9 |
| 5 by 4 ... | $\ldots$ | $\ldots$ | ... | $\ldots$ | $\ldots$ | , |  | 11 |
| $5 \frac{1}{2}$ by $4-\mathrm{in}$. | $\ldots$ | $\ldots$ |  | ... | $\ldots$ | " | 4 | 1 |
| 6 by $4 \frac{1}{4}$-in. | ... | ... |  | $\ldots$ |  |  |  | 11 |
| $6 \frac{1}{2}$ by $4 \frac{3}{4}$-in. | ... | ... | ... | $\ldots$ | $\ldots$ |  | 6 | 2 |

POST CARDS. ( $5 \frac{1}{2}$ by $3 \frac{1}{2}$ ).


POST CARDS. (44 by $3 \frac{1}{4}$ ). Glossy only.


## 20* Century self-TONING PAPER.

Owing to the growing popularity of the collodion papers this type has now been adopted as our standard. Its keeping qualities are remarkable, and the ease with which purple and brown tones may be obtained at will proclaims this at once to be the amateur's printing medium par excellence. For rich brown tones it is only necessary to transfer the print direct from the printing frame to the fixing solution without any intermediate washing, and for purple tones a dip of a few seconds in a solution of common salt before fixing achieves this end.

Supplied in three grades-Matt (White), Glossy (Mauve), and Cream (Matt) at the following prices :-

## IN PACKETS.

| $2 \frac{1}{2}$ by $2 \frac{1}{2} \mathrm{in}$. | ... | $\ldots$ | ... | ... | ... | ... |  | eces | 512d. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $3 \frac{1}{2}$ by $2 \frac{1}{2} \mathrm{in}$. | ... | $\ldots$ | $\ldots$ | ... | $\ldots$ | $\ldots$ | 18 | , | $5 \frac{1}{2} \mathrm{~d}$. |
| 4-plate | $\ldots$ | $\ldots$ | $\ldots$ | ... | $\ldots$ | ... | 10 | , | $5 \frac{1}{2} \mathrm{~d}$. |
| 5 by 4 | $\ldots$ | $\ldots$ | ... | $\ldots$ | ... | ... | 16 | " | 1012 ${ }^{2}$ d. |
| 6 by 4 in. | $\ldots$ | ... | $\ldots$ | ... | ... | ... | 13 | , | 1012 ${ }^{2}$ d. |
| $\frac{1}{2}$-plate | $\ldots$ | $\ldots$ | ... | $\ldots$ | $\ldots$ | $\ldots$ | 10 |  | 10, $\frac{1}{2} \mathrm{~d}$. |
| Whole-plate | ... | $\ldots$ | ... | ... | $\ldots$ | ... | 6 | , | 1012d. |

IN BOXES.
s. d-


POST CARDS.

| Packets of 12 | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | 0 | $10 \frac{1}{2}$ |  |
| :---: | ---: | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :---: |
| , | 144 | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | 7 | 9 |

POST CARDS (Court Size).

| Packets of 12 |  | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | 0 | 8 |
| :---: | ---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| , | 100 | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | 4 | 8 |
| $\ldots$ | 144 | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\mathbf{7}$ | 0 |




| ف்̇ | $\infty$ | $\infty$ | $\infty$ | $\infty$ |
| :---: | :---: | :---: | :---: | :---: |
|  | $\pm$ | + | $\pm$ |  |

P.O.P. GROSS PACKETS.

## $\stackrel{\text { No }}{\substack{1 \\ \lambda \\ i}}$ :6 <br> DABPGM.

"20th Century" P.O.P.




$2 \frac{1}{2} \mathrm{in}$. $5 \frac{1}{2} \mathrm{~d}$. per packet.

## SELF-TONING

Self-Toning, $2 \frac{1}{2}$

" Ilford "-Hyptona (Collodion) Glossy Mauve, Matt White... Matt Cream Smooth and Matt Cream Rough
"Ilford" Intona (Gelatine), Glossy, Mauve, White, Ivory
Carbon and Matt
Paget "-"(Collodio) Matt, Glossy and Cream ..
Simplex (Gelatine)-Matt or Glossy...
Solio " S.T.-Matt or Glossy ... ... ...
"Seltona "-Glossy, Matt, Antique and Cream... $\quad .$. " Wellington "-Glossy, Matt, Thick Glossy and Matt
" Zigo " ... ... ... ... ... ... ... ... ...

## 20: Century BROMIDE PAPER.

This is a paper of quite exceptional quality and supplied in such a variety of surfaces as to meet the requirements of the most exacting worker.

The grades comprised are-Smooth, Rough, Cream, and Rough Art White, this latter surface being similar to Whatman's Drawing Paper, and giving great breadth of effect is suitable for large exhibition work.

In packets of the following sizes and prices :-

IN PACKETS.

| $3 \frac{1}{2}$ by $2 \frac{1}{2}$-in. | ... | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ |  | ... | 12 sheets | s. | ${ }^{\text {d }}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 4 -plate | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ |  | ... | " | 0 | 5 |
| 5 by 4 | $\ldots$ | ... | ... | ... | $\ldots$ |  | $\ldots$ | " | 0 | 8 |
| 6 by $4 \frac{4}{4}-\mathrm{in}$. | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | ... |  | $\ldots$ | , | 0 | 9 |
| $\frac{1}{2}$-plate |  | $\ldots$ | $\ldots$ | ... | ... | s. | d. | " |  | 10 |
| 7 -plate | $\ldots$ | $\ldots$ | $\ldots$ |  | sheets |  | 10, $\frac{1}{2}$ | " | 1 | 9 |
| 10 by 8 -in. ... | $\ldots$ | ... | ... |  | , | 1 | 3 | " | 2 | 5 |
| 12 by $10-\mathrm{in}$. | ... |  | ts |  | ., | 2 | 0 | " | 3 | 8 |
| $12 \frac{1}{2}$ by $10 \frac{1}{2}-\mathrm{in}$. | $\ldots$ | $\ldots$ | $\ldots$ |  | " | 2 | 1 | " |  | 11 |
| 15 by $12-\mathrm{in}$. | $\ldots$ | 3 s | ts |  | , |  | 11 |  | 5 | 6 |
| $15 \frac{1}{2}$ by $12 \frac{1}{2}-\mathrm{in}$. | ... | ... | ... |  |  |  | 0 |  |  | 9 |

IN BOXES.

| $3 \frac{1}{2}$ by $2 \frac{1}{4}-\mathrm{in}$. |  | ... | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | 144 pieces |  | d. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $3 \frac{5}{8}$ by 23 -in. |  | ... | ... | $\ldots$ | $\ldots$ | $\ldots$ | ... | ", |  | 3 |
| 4 -plate |  | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | ... | " |  | 0 |
| $5 \frac{1}{2}$ by 4 -in. |  |  |  |  | $\ldots$ | ... | $\ldots$ | " | 8 | 0 |
| 6 by $4 \frac{1}{4}-\mathrm{in}$. |  | ... |  | $\ldots$ | ... | $\ldots$ | ... | " |  | 11 |
| $\frac{1}{2}$-plate | ... | $\ldots$ | $\ldots$ | ... | ... | $\ldots$ | $\ldots$ | " |  | 10 |

IN ROLLS.

| $10-\mathrm{ft}$. by $24 \frac{1}{2}-\mathrm{in}$. | ... | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | s. | d. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $25-\mathrm{ft}$. by $15-\mathrm{in}$. |  | ... | $\ldots$ | $\ldots$ | ... | ... | ... | 12 | 5 |
| $25-\mathrm{ft}$. by $20-\mathrm{in}$. | ... |  |  |  |  |  |  | 16 |  |

POST CARDS. ( $5 \frac{1}{2}$ by $3 \frac{1}{2}$ ). Glossy and Matt.


For other sizes see page 164 .
$\begin{array}{ccccc}12 \text { sheets } & 0 & 5 \frac{1}{2} & 0 & 5 \frac{1}{2} \\ 6 & " & - & - \\ 3 & " & - & -\end{array}$ and Rough，Cream Crayon， Ord，Smooth and Rough， ＂Ilford＂－R．R．，R．S．，S．S．， ．．．．．．＇S＇W＇d＂d＇S

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|  |  |



| 1 | 0 | 1 | 0 | 1 | 11 | 2 | 9 | 3 | 11 | 4 | 0 | 6 | 3 | 6 | 6 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

$29-311-4-0$

[^4]parers．
$3 \frac{1}{2}$ by $2 \frac{1}{2} \quad 4 \frac{1}{2}$ by $3 \frac{1}{\frac{1}{2}} \quad 5$ by 4,6 by $4 \frac{1}{2} \quad 6 \frac{1}{2}$ by $4 \frac{3}{2} \frac{1}{2}$ by $6 \frac{1}{2}$
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$\infty_{0}^{\infty}$ 1

$\begin{array}{ccc}0 & 0 & 0 \\ - & - & - \\ 1 & 0 & 0 \\ & 0 & -\end{array}$
$\begin{array}{cccc}0 & I & 0 & I \\ & - & - \\ 6 & 0 & 9 & 0 \\ 6 & 0 & 9 & 0\end{array}$
$\begin{array}{ll}0 & 6 \\ 0 & 6 \\ - & - \\ - & 6\end{array}$
10
10010
＂20th Century＂－ Smooth，Rough，Cream， Rough Art White（What－
man Surface）．．． 12 ＂Barnet＂－Plat Matt，Smooth
 － ：

## 20th Century GASLIGHT PAPER.

This deservedly popular printing medium has been so vastly improved as to rival in delicacy and richness of effect the various Platinum processes. Requiring as it does a brief exposure only to gas or electric light, and still being of such a sensitiveness as to not necessitate the use of a dark room, it is essentially a fire-side printing process for winter evenings. This is supplied in the following surfaces: Matt, Glossy, and Semi-Matt, in the following sizes and prices :-

IN PACKETS.

| $2 \frac{1}{2}$ by $2 \frac{1}{2} \mathrm{in}$. | ... | ... | ... | ... | ... | ... |  | eces | $5 \frac{1}{2} \mathrm{~d}$. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $3 \frac{1}{2}$ by $2 \frac{1}{2} \mathrm{in}$. | $\ldots$ | ... | $\ldots$ | ... | ... | $\ldots$ | 16 | " | $5 \frac{1}{2} \mathrm{~d}$. |
| $3 \frac{1}{2}$ by $3 \frac{1}{2} \mathrm{in}$. | .. | $\ldots$ | ... | $\ldots$ | $\ldots$ | $\ldots$ | 14 | , | $5 \frac{1}{2} \mathrm{~d}$. |
| 4-plate | $\ldots$ | $\ldots$ | ... | $\ldots$ | $\ldots$ | ... | 12 | " | $5 \frac{1}{2} \mathrm{~d}$. |
| 5 by 4 | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | ... |  | 9 | " | $5 \frac{1}{2} \mathrm{~d}$. |
| 6 by $4 \frac{1}{4} \mathrm{in}$. | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | ... | 14 | " | $10 \frac{1}{2} \mathrm{~d}$. |
| $\frac{1}{2}$-plate | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | 12 | , | 1012d. |
| ${ }_{1}^{1}$-plate ... | ... | ... | $\ldots$ | ... | ... | ... | 6 |  | $10 \frac{1}{2} \mathrm{~d}$. |

IN BOXES.

| $3 \frac{1}{2}$ by 2 in in . | ... | $\cdots$ | $\ldots$ | ... | $\ldots$ | ... | 144. pieces | $\begin{array}{ll} \text { s. } \\ 3 & 0 \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $3 \frac{1}{2}$ by $2 \frac{1}{2} \mathrm{in}$. | $\ldots$ | $\ldots$ | ... | $\ldots$ | $\ldots$ | ... | " | 33 |
| 4 -plate | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | ... | $\ldots$ | " | 50 |
| $5 \frac{1}{2}$ by 4 in . | ... | $\ldots$ | $\ldots$ | .. | $\ldots$ | $\ldots$ | " | 0 |
| 6 by $4 \frac{1}{4} \mathrm{i}$. | ... |  | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | " | 811 |
| $\frac{1}{2}$-plate | ... | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | " | 910 |

> POST CARD ( $5 \frac{1}{2}$ by $3 \frac{1}{2}$ in.) Matt, Glossy and Semi-Matt.


> COURT POST CARDS ( $4 \frac{1}{4}$ by $3 \frac{1}{4} \mathrm{in}$.)
> Glossy and Matt.

|  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | ---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Packet of | 15 | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | 0 | 0 | 7 |
| , | 100 | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | 0 | 3 | 8 |
| $"$ | 144 | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | 0 | 5 | 0 |
| , | 250 | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | 0 | 7 | 9 |



 $\begin{gathered}\text { t. plate } \\ \text { s. }\end{gathered}$
$\begin{array}{ll}1 & \text { d. }\end{array}$
$\begin{array}{ll}1 & 8 \\ 2 & 0\end{array}$
PAPERS.

$$
\begin{aligned}
& 24 \text { sheets in tube } \\
& 24 \text { ", }
\end{aligned}
$$

Platinotype Black"-Cold Bath, "A.A." Smooth Paper, "K.K." Smooth Thick, Black Japine, "C.C." Rough Thick, Hot Bath, "S" Smooth, "R.S." Rough
"Platinotype Sepia Japine" and other "Platinotype Sepia Japine" and other sepia grades ...
o market fluctuations.
GASLIGHT PRINTING PAPERS.


| 6 | by |
| :---: | :---: |
| s. |  |
| s. | $d$ |
| 0 | $10 \frac{1}{2}$ |
| 0 | 10 |
| 1 | 0 |
| 0 | 10 |
| 0 |  |
| 0 | 10 |
|  | - |
| 1 | 0 |
| 1 | 0 |
| 1 | 0 |

范等 0000000000
 0 $\circ$ 06 1
$\circ \circ$ "20th Century" Matt, Glossy, Cream and Semi-Matt per pkt. "Barnet"-Glossy, Ordinary and Oyster Shell ... ," "Gravura"-No. 1 Matt and Glossy, No. 2 Matt ... "Ilford"-Glossy, Matt, Portrait Matt and Carbon "Ilford"-Glossy, Matt, Portrait Matt and Carbon ...
"Noctona "-Griffin's Gaslight Paper, Pearl Matt, Satin or Glossy ... ... ... ... "Velox"-Vigorous, Soft, and Art, Special Portrait .. Carbon, Glossy, Texo and Royal ...
"Wellington" S.C.P. de Luxe-Vigorous, Carbon,

"20th Century" Gaslight Paper, $2 \frac{1}{2}$ by $2 \frac{1}{2}$.
$\begin{array}{llllll}0 & 6 & 0 & 6 & 0 & 9 \\ 0 & 6 & 1 & 0 & 1 & 0\end{array}$ 0
0
0
0

-

# PLATINOTYPE 

PRINTING-OUT POST CARDS Size $5 \frac{1}{2}$ by $3 \frac{1}{2}$ in.
$\mathscr{B}$ 镸 "AMATEUR" P.O.P. CARDS, Glossy.
Supplied only in packets of 100
.. ... per packet $2 / 6$

## Beot "PROFESSIONAL" P.O.P. CARDS.

This is a special quality for professional use, and may be relied on to give results equal to any other cheap card.


## 20.t. Century

## "Lightning" Hypo Remover.

Prints and Plates washed and freed from Hypo in 8 minutes.

- Indispensable alike to Amateur and Professional. $\qquad$
Large bottles, $5 \frac{1}{2} \mathrm{~d}$.


## 30:

## 6 Enricheur

(OR BROMIDE VARNISH)
-
is a unique preparation which, when applied to a Matt Bromide Gaslight or Platinotype Print, restores that delightful richness possessed by the wet print, but which disappears on drying, causing disappointment.


## A WELL-KNOWN EXHIBITOR WRITES:

"Four prints which had been thrown on one side as useless I dressed with " 20 th Century" Enricheur and entered in . . . . competitions, result being a prize winner in every case."

NEED WE ADD MORE!
In bottles - $6 \frac{1}{2} \mathrm{~d}$. and $11 \frac{1}{2} \mathrm{~d}$.

ONLY OBTAINABLE AT
Photographic Dept.

SELF-TONING POST CARDS Size $5 \frac{1}{2}$ by 3 3in.


GASLIGHT POST CARDS Size $5 \frac{1}{2}$ by $3 \frac{1}{2} \mathrm{in}$.
$\mathscr{B}$ " $A$ MATEUR" Matt or Glossy. Suppiied only in packets of 100 2/9
弱呢"PROFESSIONAL" Matt or Glossy.
This is a special quality for professional use, and may be relied on to give results equal to any other cheap card.


## BROMIDE POST CARDS Size $5 \frac{1}{2}$ by $3 \frac{1}{2}$ in.

## Brots "PROFESSIONAL" Matt or Glossy.

This is a special quality for professional use, and may be relied on to give results equal to any other cheap card.


## 20th lentury ART POST CARDS.

In these cards the emulsion is coated on a tinted base in four tintsWhite, Cream, Blue and Rose. The edges of the cards are left untrimmed, giving the effect of the hand-made deckle. Most artistic effects are obtained with ease, the same manipulation as for P.O.P. being applicable to this material. By modifying the treatment somewhat, an enormous range of tones is obtainable from engraving black to red chalk. Supplied in packets of assorted tints, or any one tint to special order.

| Packets containing | 12 cards | $\ldots$ | $\ldots$ | $\ldots$ | 9 d. |  |
| :---: | :---: | :---: | :---: | :---: | :---: | ---: |
| $"$ | $"$ | 1 gross | $\ldots$ | $\ldots$ | $\ldots$ | $8 / 3$ |
| $"$ | $"$ | 1000 | $\ldots$ | $\ldots$ | $\ldots$ | $53 /-$ |

# 30: 0 minny Plates 

MEDIUM, FAST, AND ISOCHROMATIC.

Unequalled for Amateur or Professional.

The "Fast" Grade is the most rapid and perfect plate made.

## 20trecentury <br> PAPERS AND POST CARDS

(SPECIAL QUOTATIONS).
P.O.P.

| Size |  | \& s. | d. | Size |  | ${ }^{\text {e }}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $2 \frac{1}{2}$ by $2 \frac{1}{2} \mathrm{in}$. | .. per gross | 01 | 2 | 53 by 4 in . | ...per gross | 04 | 5 |
| $3 \frac{1}{2}$ by $2 \frac{1}{4} \mathrm{in}$. | ... ," | 0 | 5 | 6 by 4 in . |  | 0 | 8 |
| $3 \frac{1}{2}$ by $2 \frac{1}{2} \mathrm{in}$. | ... ," | 0 | 7 | 6 by $4 \frac{3}{3} \mathrm{in}$. |  | 0 | 11 |
| 38 by $28 . \mathrm{in}$. | ... ., | 01 | 8 | $6 \frac{1}{2}$ by $4 \frac{1}{4} \mathrm{in}$. | ... ," | 0 | 8 |
| $3 \frac{1}{2}$ by $3 \frac{1}{2} \mathrm{in}$. | ... .. | 02 | 5 | $\frac{1}{2}$-plate |  | 06 | 2 |
| $4 \frac{1}{4}$ by $2 \frac{1}{2} \mathrm{in}$. | ... ," | 02 | 2 | 1-plate | per $\frac{1}{2} \cdot \mathrm{gross}$ | 0 | 9 |
| 1-plate |  | 02 | 9 | 1-plate | ...per gross | 011 | 0 |
| 1-plate | ... per 1000 | 018 | 9 | 10 by sin . | per 6 sheets |  | 0 |
| 5 by $4 \ldots$ | ... ,, gross | 3 | 11 | 10 by $\sin$. | , 12 | 01 | 9 |
| 5 by $4 \ldots$ | 1000 | 16 | 6 | 10 by $\sin$. | .. per gross | 015 | - |
| $5 \frac{1}{2}$ by $3 \frac{1}{4} \mathrm{in}$. | gross | 03 | 11 | 12 by 10 in . | per 6 sheets | 01 | 4 |
| $5 \frac{1}{2}$ by 4 in . |  | 04 | 1 | 12 by 10 in . | ,, 12 | 02 | 8 |
| $5 \frac{1}{2}$ by $3 \frac{1}{2} \mathrm{i}$ in. | . | 4 | 1 | 12 by 10 in . | ...per gross | 13 | 7 |
| $5 \frac{7}{8}$ by $3 \frac{7}{8} \mathrm{i} \mathrm{i}$. | .. | 0 | 5 |  |  |  |  |

## BROMIDE AND GASLIGHT PAPER.

| Size |  | s. d. | Size |  | s. |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $2{ }_{16}^{5}$ by $13 \mathrm{~T}^{\text {in }}$. | ...per gross | 0 O 110 | 8 by 6 in . | ...per gross | 019 |  |
| $2 \frac{1}{2}$ by $2 \frac{1}{2}$ in. | , | 025 | 10 by $\sin$. | ... ," , | 8 |  |
| $3 \frac{1}{2}$ by $2 \frac{1}{4} \mathrm{i}$. | ... ," | 03 | 10 by $\sin$. | 1000 | 915 |  |
| $3 \frac{1}{2}$ by $2 \frac{1}{2} \mathrm{i}$ in. | ... , | 03 | 12 by 10 in . | ... ," gross | 22 | 10 |
| $3{ }_{8}^{5}$ by 28 in. | ... | $0 \begin{array}{lll}0 & 3 & 3\end{array}$ | 12 by 10 in . | , 1000 | 1419 |  |
| +1-plate... |  | 0 | $12 \frac{1}{2}$ by $10 \frac{1}{2} \mathrm{in}$. | , gross | 6 |  |
| -plate... | ...per 250 | 09 | $12 \frac{1}{2}$ by $10 \frac{1}{2} \mathrm{i}$. | , 1000 | 1519 |  |
| +-plate... | 1000 | 14 | 15 by 12 in . | gross | 34 |  |
| $4 \frac{1}{4}$ by $2 \frac{1}{2} \mathrm{in}$. | gross | $\begin{array}{llll}0 & 4 & 1\end{array}$ | 15 by 12 in . | 1000 | 229 |  |
| 5 by $4 \ldots$ | ... , , ${ }^{\text {, }}$ | $\begin{array}{lll}0 & 6 & 10\end{array}$ | $15 \frac{1}{2}$ by $12 \frac{1}{2} \mathrm{in}$ in. | ... ,, gross | 7 |  |
| 5 by $4 \ldots$ | 1000 | $\begin{array}{lll}2 & 7 & 6\end{array}$ | $15 \frac{1}{2}$ by $12 \frac{1}{2} \mathrm{in}$. | ... ,, 1000 | 23 |  |
| 5 by $4 \frac{1}{2} \mathrm{in}$. | gross | 08 | 15 by 18 sin . | ... ., 6 sht | 04 |  |
| $5 \frac{1}{2}$ by $3 \frac{1}{2} \mathrm{in}$. | ... ,, ,, | $\begin{array}{lll}0 & 6 & 6\end{array}$ | 15 by 18 sin . | ... , 12 | 08 |  |
| $5 \frac{1}{2}$ by $3 \frac{1}{2} \mathrm{i}$. | 1000 | $\begin{array}{lll}2 & 4 & 10\end{array}$ | 15 by 18 in . | ... ," gross | 56 |  |
| $5 \frac{1}{2}$ by 4 in . | gross | 08 | 20 by 16 in . | ...., 6 shts | 05 |  |
| $5 \frac{1}{2}$ by 4 in . | 1000 | 215 | 20 by 16 in . | ,12 | 0 9 |  |
| 6 by $3 \frac{1}{2} \mathrm{in}$. | gross | $\begin{array}{llll}0 & 7 & 9\end{array}$ | 20 by 16 in . | ... , 100,, | 5 |  |
| 6 by $4 \frac{1}{2} \mathrm{in}$. | .. ", " | $\begin{array}{llll}0 & 8 & 11\end{array}$ | 24 by 20 in . | ... , 6 | 0 |  |
| 6 by $4 \frac{1}{4} \mathrm{in}$. | . ${ }^{\text {, }} 1000$ | 3 | 24 by 20 in . | , 12 | 014 |  |
| 63 by 3 tin. | gross | $\begin{array}{llll}0 & 7 & 6\end{array}$ |  | N ROLLS. |  |  |
| ${ }^{63}{ }^{3}$ by blate $4 \frac{1}{4} \mathrm{in}$. | ... ," ", | $\begin{array}{lll}0 & 9 & 4\end{array}$ | $10 \mathrm{ft}$. by $24 \frac{1}{2} \mathrm{in}$ |  | 012 |  |
| $\frac{1}{2}$-plate | . " 1000 | $\begin{array}{llr}0 & 9 & 10 \\ 3 & 8 & 6\end{array}$ | 25 ft . by 15 in . |  | $\begin{array}{ll} 0 & 12 \\ 0 & 16 \end{array}$ |  |
| $\frac{1}{2}$-plate 7 7 by $5 \frac{1}{2}$ in. | 1000 gross | $\begin{array}{rrr}3 & 8 \\ 0 & 15\end{array}$ | 25ft. by 20 in . |  | 016 0 18 |  |
| plate | gross | 0 | 25 ft . by 25 in . |  | 0 |  |
| $\frac{1}{1}$-plate | gross | 100 | 25 ft . by 30 in . |  |  |  |
| plate | 0 | 19 | 25 ft . by 40 in . |  | 12 |  |

"20th CENTURY" GASLIGHT POST CARDS.


## "OZOBROME."

## "OZOBROME" PIGMENT PLASTERS.

## Colours-

1 Engraving Black
2 Warm Black
3 Blue Black
4 Sepia
5 Warm Sepia

6 Portrait Brown
7 Vandyke Brown
8 Red Chalk
9 Terra Cotta
10 Marine Blue

11 Sea Green
12 Italian Green
13 Olive Black
14 Standard Brown
15 Cool Brown

> Prices of Transparency Tri-Colour Plasters, etc., upon application.

These plasters are cut slightly larger than the list sizes, for convenience in working.

| Size | $4 \frac{1}{\frac{1}{4}}$ by $3 \frac{1}{4}$ | 5 by 4 | $5 \frac{1}{\frac{1}{2}}$ by | $6 \frac{1}{2}$ by 4 | 7 by | $8 \frac{1}{2}$ by | 10 by |  | by 12 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Per dozen pieces | 5 d . | 8d. | 8d. | 10d. | 1/- | 1/6 | 2/- | 3/. | 4/6 |
| Per half-doz. ," | .. - | - | - | - | - | 10d. | 1/1 | 1/7 | 2/4 |
|  | Per ban <br> ", hal <br> ,, qu | f-band arter-b |  | 12 ft . by 6 ft . by 6 ft . by | 30in <br> 30in <br> 15 in | $\begin{aligned} & 7 /- \\ & 3 / 9 \\ & 2 /- \end{aligned}$ |  |  |  |

Assorted colours.-In consequence of the considerable extra labour involved in packing assorted plasters, a charge of 8 d . per dozen pieces will be made in addition to the above prices.


HALF-PLATE TRIAL
SETS (as Fig. 271),
containing-
1 4-oz. bottle "Ozobrome" Pigmenting Solution.
1 dozen Half-plate Pigment Plasters, assorted colours.
1 dozen pieces 7 by 5 Transfer Paper.
1 "Ozobrome" Instruction Booklet.
Price ... ... 2/8
Fig. 271

## "OZOBROME" PIGMENTING SOLUTION (Patent).

The licence to use this solution is granted to the purchaser, and expires as soon as the contents of the bottle are exhausted.


## PRINT TRIMMERS.

Knife or wheel pattern, hardwood handles
$5 \frac{1}{2} d$.
Swivel pattern, for use with circular and oval shapes, strongly made, 9 d .
"ACME" TRIMIMER (as Fig. 272).


Fig. 272
The wheel being hollow can readily be bought to a razor-like edge by merely rubbing on an oil stone.

$$
\text { Price } \quad . . \quad \text {... } 1 / 5
$$

## MERRETT'S PATENT AUTOMATIC TRIMMING DESKS

(as Fig. 273).


Fig. 273
The only perfect and simple print trimmer in the market; will trim prints equally well damp or dry.

The print is passed under the top bar, as shown in the illustration, the hinged table pressed down, the print is then cleanly, squarely and very quickly cut. A rule is set at right angles to the knife, to enable the operator to measure and square the print at the same time.

Prices.


Larger sizes made to order.
The treadle will be found a useful addition for the $12 \frac{1}{2} \mathrm{in}$. size, and for the larger sizes it is especially recommended.
"JUNIOR ARGUS" GAUGE CUTTER (as Fig. 274).


Fig. 274
This is a trimmer of the lever blade variety, with a strong steel skate edge cutter, and is fitted with an adjustable gauge which makes the accurate trimming of a number of prints quite simple.

Supplied in the following sizes-5in. $4 /-; 7 \mathrm{in} .5 /-; 9 \mathrm{in} .6 / 6$

## "LEVER-BLADE" PRINT AND CARD CUTTER.



The cutting blades are fitted on the shear principle, the upper blade being curved to ensure perfect contact, giving clean, smooth edges to the print. The blades are of the finest polished steel, the table of polished maple, with graduated gauge, and rubber feet. They may be had fitted with spring paper holder which absolutely prevents slipping.

These are undoubtedly the finest value obtainable.

Fig. 275
Prices-


## "JAYNAY" CIRCULAR PRINT TRIMMER (as Fig. 276).

Will trim or cut 16 sizes of circles from 2 in . to $\sin$. diameter, without the aid of loose shapes, the cutter being entirely self-contained.

This is a perfect tool and is well made, the best of materials being used in its manufacture. One movement will cut a clean circle of any size. In addition to circles, by altering position of the trimmer a variety of shapes can be cut.


Fig. 276

$$
\text { No. } 1 \text {... ... ... ... our cash price } 2 / 7
$$

No. 2 Improved pattern (as illustrated)
" $2 / 10$
"PRACTICAL" TRIMMING SET (as Fig. 277).


Fig. 277
Supplies in a cheap and handy form a set of trimmers for cutting ovals and circles. Contains six cutting shapes, the ovals having the following dimensions -5 by $3 \frac{1}{4} \mathrm{in} ., 4$ by $3 \mathrm{in} ., 4$ by $2 \frac{1}{2} \mathrm{in}$., and $3 \frac{1}{2}$ by $2 \frac{2}{2} \mathrm{in}$.; the circles being 2 in . and 3 in . in diameter. A swivel trimmer is supplied, and a strong zinc cutting board, size $6 \frac{1}{2}$ by 5 in .

$$
\text { The whole, complete in box } \ldots \quad 2 / 11
$$

"DEN" PRINT TRIMMER (as Fig. 278).


Fig. 273
Best tempered steel. Fits into any ordinary penholder like a nib. A cheap and efficient print trimmer. In nickel case, 11d.


## "INVICTA" CIRCLE PRINT CUTTER

(as Fig. 279).
Will cut any sized circle up to four inches diameter. Supplied with three circular cutting guides to hold the

$$
\text { Price complete ... ... } 3 / 9
$$

Larger sizes to order.

Fig. 279

## PLUMB INDICATORS

(as Fig. 280).
Can be readily fixed by anyone to hand or stand cameras. Complete with screws.

$$
\text { Price } \ldots . \quad \ldots \quad . . . \quad 6 \mathrm{~d} \text {. }
$$



Fig. 280

| Minimum Increase of Exposure. Maximum Correction. |
| :--- | :--- | :--- | :--- | :--- |
| Best Finish. $\quad:: \quad:: \quad$ Lowest Price. |

## PRINTING FRAMES.

Thoroughly well made printing frame of hard wood, with strong springs and ${ }_{3}$ rds opening. Suitable for hard wear (as Fig. 281).


Fig. 281

| $2{ }^{\frac{1}{2}}$ by ${ }^{\frac{1}{2} \mathrm{i}} \mathrm{in}$. | $3 \frac{1}{2}$ by 2 lin. | $3 \frac{1}{1}$ by 31 in . | $\frac{1}{4}$-plate | 5 by 4 | 老-plate | 1-plate |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 5d. | 5 d . | 5 d . | 5 d . | 6 d . | $8 \frac{1}{2}$ d. | 1/5 |

"B.O.B." POST CARD PRINTING FRAME (as Fig. 282).


Fig. 282
This frame takes any size negative from $\mathrm{C}-\mathrm{de}-\mathrm{V}$. to $\frac{1}{1}$-plate, either horizontally or vertically. Price $1 / 6$

## "JAYNAY"

## NON-SLIPPING

 PRINTING FRAME(as Fig. 283).
Made of well seasoned wood, with a patent back, rendering it impossible for the prints to slip while being examined.


Fig. 283
$\frac{1}{4}$-plate 6d. ; 5 by $49 \mathrm{~d} . ;$ Post Card 8d. ; $\frac{1}{2}$-plate $10 \frac{1}{2} \mathrm{~d} . ; \frac{1}{1}$-plate $\mathbf{1} / 10$

## "JAYNAY" <br> PROFESSIONAL NON-SLIPPING PRINTING FRAME

(as Fig. 284).
Of superior finish and highly polished, the back being tongued and clamped and fitted with a piano hinge.

| 1.plate | Post Card | $\frac{1}{2}$-plate |
| :---: | :---: | :---: |
| 7 $\frac{1}{2} \mathrm{~d}$. | 9 d. | $11 \frac{1}{2} \mathrm{~d}$. |



Fig. 284

Printing frames can be supplied with glass for printing from films at an extra cost of 6 d . per dozen up to and including 子-plate.


## "MARRIOTT" POST CARD PRINTING FRAME

(as Fig. 285).
Frame is well made, in hard wood.
$3 \frac{1}{2}$ by $2 \frac{1}{2} \mathrm{in}$. or $\frac{1}{4}$-plate $\quad . .7 \frac{1}{2} \mathrm{~d}$. 5 by 4
... 11d.

Fig. 285

## PRINT CLIPS ("JAYNAY")

(as Fig. 286).
This clip is strongly made of wood, and is constructed on a new and novel design. The clips float independently, and the prints are held upright and out of contact with each other.

Price $2 \frac{1}{2} \mathrm{~d}$. ; per set of $6,1 / 1$


Fig. 286


## AMERICAN WOOD CLIPS

(as Fig. 287).
For hanging up wet prints.
Price
... ... 7d. per doz.


## PASSEPARTOUT BINDING.

## For Framing Your Own Photographs.

Effective, economical and easy to use. It is supplied in a variety of colours, including black, brown, grey, green, red, white, gold, silver, \&c. The binding is heavily gummed and ready for immediate use, being applied simply by moistening.
In 36 feet rolls-ordinary colours, $5 \frac{1}{2} \mathrm{~d}$. per roll; gold or silver, $\mathbf{1 0} \frac{1}{2} \mathrm{~d}$. per roll. Frame hangers-per box of 25 , price $5 \frac{1}{2} \mathrm{~d}$.
Binding for lantern slides in 36 feet rolls, 3d.
RACKS, DRYING (as Fig. 288).
Drying racks, folding, seasoned wood, well finished, will hold any size plate securely.

| 12 grooves $\ldots$. | $\ldots$ | price $4 \frac{1}{2} \mathrm{~d}$. |  |  |
| :---: | ---: | ---: | ---: | ---: |
| $24 \quad$, | $\ldots$ | $\ldots$ | , | 8 d. |



Fig. 288


Fig. 289

## " PORCELAIN", DRAINER (as Fig. 290).

Registered No. 314838.
This may be used for a drainer, as shown in illustration : as a washer by putting it in the wash hand bowl, lavatory basin, or other receptacle, and turning the tap into it. The drainer, when the washing is effected, can then be lifted out with the plates in it and the plates left to drain quite dry.
No. 1. For plates up to $6 \frac{1}{2}$ by $4 \frac{3}{4} \mathrm{in}$. 9 d . "2. ", $8 \frac{1}{2}$ by $6 \frac{1}{2}$ in. $1 /-$


Fig. 290

## (14) (A) CASH ( O) YOTOUTAPHIC <br> DEPARTMENT

"ENSIGN" DRYING NET (as Fig. 291).
A new device that will be exceedingly popular. Prints can be dried quickly without cockling.


Fig. 291
The fabric is a fine meshed net woven from cotton, purified, and se prepared that there is no loose fibre and fluff to injure the gelatine surface of the print. It has been hardened and treated chemically until there is nc grease or deleterious matter left, and even in hot moist weather there need be no fear of the prints getting spoilt.

Film negatives, post cards, glass negatives, P.O.P., and other papers can be dried face downwards. Every print dries perfectly flat. There is nc cockling at the edges, and the prints when stripped off are ready for trimming or insertion in slip-in albums. Sold in three sizes as follows :-

$$
\begin{array}{rllll}
\text { No. 1. } & 17 \frac{1}{2} \text { by } 10 \frac{1}{2} \text { in., for } 12 \frac{1}{1} \text {-plate prints } & \ldots & \text { in box } & 2 /- \\
", & 2 . & 27 \frac{1}{2} \text { by } 15 \frac{1}{2} i n ., \text { for } 12 \frac{1}{2} \text {-plate prints or } 20 \frac{1}{4} \text {-plates } & \text { ". } & 3 /- \\
" & 3 . & 33 \frac{1}{2} \text { by } 20 \frac{1}{2} \text { in., for } 20 \frac{1}{2} \text {-plate prints } & \ldots & " \\
4 /-
\end{array}
$$

## RACKS AND TANKS.

## "JUNIOR."

Movable zinc rack in japanned tank with syphon.
Price for 12 plates- $3 \frac{1}{2}$ by $2 \frac{1}{2} \mathrm{in}$. ... ... ... 9 d . " $" 4 \frac{1}{4}$ by 3 ìin. ... ... ... 9d.


## "WONDERFUL."

A strong metal washer, with draining rack and syphon (as Fig. 292), to hold 18 plates $3 \frac{1}{4}$ by $3 \frac{1}{4} \mathrm{in}$. or $\frac{1}{4}$-plate, or 9 plates 5 by 4 or $\frac{1}{2}$-plate.

$$
\text { Price } \quad . . \quad \ldots \quad 1 / 1 .
$$

Fig. 292


## EXPANDING PLATE RACKS

(as Fig. 293).
Will hold any sized plate from "Little Nipper" to wholeplate. Folds up flat.

$$
\text { Price } \quad \ldots \quad \ldots \quad 1 / 11
$$

Fig. 293

## "SCIENTIFIC" PLATE AND DRINT WASHER

(as Fig. 294).
This embodies an entirely new principle in plate washing and is the only one that will within a short time absolutely eliminate all the hypo. The water is changed on the "charge system," that is, one "charge " is not disturbed till a second charge is ready to take its place, when the change is effected very rapidly and as the hypo in the first body of water has sunk by its weight to the bottom it is effectively got rid of.

The washer is very well made in japanned tin, and can be used in either plates, films or prints.
Price


Fig. 294

Best for Spring, Summer, Autumn, and Winter.

## Ж.



Fig. 296
(as Fig. 296) contains-

1 retouching pencil
2 spotting brushes

1 scraper in holder
1 tube spotting medium

1 tube spotting opaque 1 stump

Our cash price
11d.


Fig. 297
(as Fig. 297) contains-

1 retouching holder with lead
2 black chalk pencils
1 large spotting brush
1 small spotting brush
1 piece rubber
The cheapest and most complete set on the market.

$$
\text { Our cash price } \ldots \quad \ldots \quad 1 / 9
$$

1 stump
1 collapsible tube spotting medium
1 collapsible tube spotting opaque
1 large mixing palette with 3 wells

## Boots SPECIAL BROMIDE RETOUCHING SET



Fig. 298

Collapsible tubes of spotting medium " " opaque
(as Fig. 298)
contains-
2 black chalk pencils in cedar

1 white chalk pencil in cedar
1 tube white chalk powder 1 tube black chalk powder 1 stump.

Our cash price 11 d . .. per tube 3 d .
, 3 d .

## RETOUCHING PENCILS.

Hardtmuth's ever-pointed holders, 5d. ; refills, per box of 6, 4d.
Hardtmuth's Koh-i-Noor in cedar, $6 \mathrm{H}, 5 \mathrm{H}, 4 \mathrm{H}, 3 \mathrm{H}, 2 \mathrm{H}, \mathrm{H}, \mathrm{F}, \mathrm{HB}, \mathrm{B}$, 2B, 3B, 4d. each.

## RETOUCHING MEDIUM.

"20th Century," per bottle, $5 \frac{1}{2}$ d.; Autotype, 1/-

## Wools "ROTARY" RETOUCHING DESK (as Fig. 299).

This is well made of thoroughly seasoned cherry wood, and has the great advantage that the negative can be revolved to any desired position without removing from the carrier, the principle being that of the turntable. It is fitted with opal glass reflector, and takes $\frac{1}{2}$-plates.

Supplied complete with carrier to take $\frac{1}{4}$-plate negatives.

The cheapest and most practical retouching desk on the market.


Fig. 299

Our cash price ... ... ... ... 3/6
"JAYNAY" RETOUCHING DESK
(as Fig. 300).
Of first-class workmanship, with panelled shade, pencil drawer, opal reflector and adjustable carriers for all sizes up to whole-plate.

$$
\begin{array}{lll}
\text { Price } & \ldots & 10 / 6
\end{array}
$$

Large size desk with carriers up to 12 by 10 .

$$
\text { Price ... } 15 /-
$$



Fig. 300


Fig. 301

## RETOUCHING DESK

Made of polished mahogany, with opal reflectorsand $\frac{1}{4}$-plate, $\frac{1}{2}$-plate and whole-plate carriers (as Fig. 301).

$$
\text { Price } \quad \ldots \quad 5 \quad 6
$$

A similar desk with opal reflectors, but only suitable for $\frac{1}{4}$ plate or $\frac{1}{2}$-plate negatives.

$$
\text { Price ... } 2 / 10
$$

SCALES AND WEIGHTS.


Fig. 302

No. 1-Six-inch beam, with brass pans, complete with weights in oak box
No. 2-Six-inch beam, with glass pans, complete with weights in oak box


Fig. 303

No. 3 -Six-inch brass beam, with loose glass pan ... ... ... 2/1
No. 4-Fitted with adjustable brass standard and glass pans (as Fig. ${ }_{\text {302 }}$....
No. 5-Nickel-plated balance, with loose pan, on ebonized base, to
weigh up to 4ozs. (as Fig. 303), beautifully finished ... $4 / 9$
No. 6-In polished oak box with drawer, lever lift brass pillar, and
set of weights complete. A high-class set $\begin{aligned} & \text {... }\end{aligned}$
Extra weights for scale No. 0 to No. 4 ... 6d. per set
Decimal weights
26 "

## SHEATHS.

Any kind procured or made to order to fit any camera. Prices quoted on receipt of particulars or sample.

## " 20th CENTURY" ROLLER BLIND SHUTTER

For Time and Instantaneous Exposures, with Speed Indicator (as Fig. 304).
Exceedingly simple, being set by turning a key, thus doing away with the ordinary cord setting device which sometimes spoils the exposure. A well-made roller blind shutter, with several new and novel improvements.
$\frac{1}{4}$-plate ( $1 \frac{5}{8}-\mathrm{in}$.) ... 9/- $\frac{1}{2}$-plate ( $2-\mathrm{in}$.) ... 9/-
When ordering please state size of lens hood.
Behind lens pattern supplied to order if required at same price.
Extra charge for adapting to fit customers' own lenses from 6 d .


Fig. 304

## RUBBER MOULDING.

For adapting shutter to two or more lenses. No. 1 to 7, price per root, 8d.

## "KOILOS", SHUTTER (as Fig. 305).

The "Koilos" Shutter embodies all the best features of the highest price sector shutters, and is yet sold at half the prices usually charged for a shutter of this class.

This model is different in many ways from the original shutters sold under this name, and especial attention is drawn to the fact that the blades open and close automatically, but so speedily is this action performed that the whole of the exposure is effective and no allowance has to be made, as with a diaphragm shutter, for the opening and closing operation.


Fig. 305

The speeds are controlled by an air brake which is far more reliable than ${ }_{1}$ the leather friction brake utilised by some makers of sector shutters. A leather friction action is likely to have a deleterious effect on the speeds under certain climatic influences, while the air brake is absolutely unaffected by the weather or the temperature.

The "Antinous" release can be used in conjunction with the "Koilos" shutter.

| No. | Largest aperture of Iris |  |  |  | Diameter of interior barrel |  | Outside diameter of shutter |  |  | ${ }^{\text {Each }}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 |  |  | $\mathrm{m} / \mathrm{m}$ |  | $27 \cdot$ |  | 1 | $\begin{aligned} & f \text { shutter } \\ & 2_{16}^{3} \text { in. } \end{aligned}$ |  |  |  | ${ }_{0}^{\text {d. }}$ |
| 2 |  | 25 | . |  | 31 | ,, | ... | $2 \frac{1}{2} \mathrm{in}$. |  | 2 | 0 | 0 |
| 3 |  | 32 | " |  | 43 | " | $\ldots$ | $3 \frac{1}{16} \mathrm{in}$. |  | 2 | 8 | 0 |
| 4 |  | 42 | " |  | 55 | " | $\ldots$ | 31518 in . |  | 3 | 0 | 0 |

Special note.-Fitting New Lenses to Shutters.
Unless specially listed complete with lens, the price of lens and shutter must be calculated as follows:-

If fitted at lens manufacturer's the price of lens in Iris mount is chargea plus the cost of shutter. The Iris mount, however, is not supplied.

If fitted at our works a charge of $10 /-$ must be added to the cost of lens in Iris mount, plus the price of shutter. "Cooke" lenses can only be fitted at manufacturer's. Time required for fitting:-

$$
\begin{aligned}
& \text { At manufacturer's-Foreign lenses (except "Goerz") } 16 \text { to } 21 \text { days } \\
& \text { At our works... } \\
& \text { English } \\
& \text { At }
\end{aligned}
$$

## Fitting Customers' own Lenses to Shutters.

A charge of $10 /$ - is made, except in the case of "Cooke" lenses, when the price is 20 /.

SPRINKLERS (as Fig. 306).
Fits round or oval taps. Filters the water at the same time. The rose will unscrew, and filter can be used separately for domestic purposes. Well made in solid brass with rubber adapter.

Price only
1/5


Fig. 306

## "BEE-CEE-CEE" REVOLVING WHIRLER

(as Fig. 306a).


Fig. 306a

## "JAYNAY" ROLLER

 SQUEEGEE (as Fig. 307).With polished hard wood handles.

## Simple and Convenient.

When attached to the ordinary house tap with a short length of rubber tubing provides an efficient washer at a small cost.

By removing the rubber bung it may also be used as a bottle filler.

$$
\text { Price } \quad . . . \quad . . . \quad 2 / \text {. }
$$



Fig. 307

| Width-4in. | 5 in. | 6 in. | 8 in. | 10 in. | 12 in. |
| ---: | ---: | ---: | :--- | :--- | :--- |
| Price 10d. | 11 d. | $1 / 1$ | $1 / 6$ | $1 / 10$ | $2 / 4$ |



Fig. 308

## " JAYNAY" SQUEEGEE No. 2 (JUNIOR) (as Fig. 308). With Patented Double Bearing Frame.

This is a well-made and highly finished squeegee, and has been designed to meet the requirements of junior photographers. By a simple arrangement a double bearing is giving to the axle pins, thus preventing the wearing of the pin holes and the cutting of the axle pins, thereby removing a defect which is in all cheap squeegees.

Made up in 4 in . size only. Price ... 8d,

SPOTTING PALETTES (as Fig. 309).


Fig. 309
Contains seven colours, by which any tint can be matched. Useful for filling defects in negatives and films, and for blocking out skies. The palettes are of heavily japanned metal. Price, complete with brush, 11d.

## "BEE-CEE-CEE" PHOTOGRAPHIC COLOUR BOX (as Fig. 310).



Fig. 310
Contains six spotting colours of special quality. The lid of the box forms a palette and is supplied complete with brush. Price ... 2/-

SANDERSON'S SQUEEGEE PAD (as Fig. 311).


Holding down with one hand whilst squeegeeing with the other.

Hanging up to dry until the prints fall off. The two covers are turned back as shown. Fig. 311

No. 1 for glossy prints, No. 10 for matt prints, takes two $\frac{1}{2}$-plate, four
$\frac{1}{4}$-plate, or eight smaller sizes
$\cdots$.... ... ...
No. 2 for glossy prints, No. 20 for matt prints, takes two 10 by 8, two whole-plate, four $\frac{1}{2}$-plate, \&c., \&c.

## The Novelty of the Year!

UNDOUBTEDLY THE BEST LAMP FOR THE AMATEUR OBTAINABLE AT THE PRICE.

## Why Delay ?

Have your Apparatus overhauled AT ONCE.

By leaving it till the eve of your holidayas so many do-you court disappointment, as during the summer months all apparatus repairers are working at highesi pressure and cannot guarantee prompt attention.

NOW, APRIL, WE CAN!

Expert Workmen. :: Moderate Charges.
When leaving your Apparatus insist on having an Official Receipt.

## Cuลd

Photographic Dept.

## STEREO VIEWS.

## 20\% Contury series.

This comprises views of the principal and most interesting pleasure resorts and places of historic and pictorial interest. The views are actual photographs produced on glazed bromide paper, and are distinguished by their exquisite detail and absence of coarseness from the cheap half-tone views so often offered. At present the series consists of the following, but will be added to from time to time-

$$
\text { Per set of } 12 \quad \ldots \quad \ldots \quad \ldots \quad \ldots \quad 1 / 6
$$

| St. Albans | Hereford |
| :---: | :---: |
| Blackpool | Jersey |
| Bournemouth | Leamington and Warwick |
| Brighton | Leeds |
| Cambridge | Lincoln |
| Canterbury | Llandudno |
| Conway | London, Series 1 |
| Coventry | ,, ${ }^{\text {, }} 2$ |
| Eastbourne | ," The Tower, Series 1 |
| Exeter | ". The Tower, Series 1 |
| Folkestone | Lowestoft |
| Guernsey | Isle of Man |
| Hastings | Northampton |

$$
\text { Per set of } 6 \quad \ldots \quad \ldots \quad \text {... } \quad 10 \frac{1}{2} \mathrm{~d} \text {. }
$$

St. Albans
Cheltenham

## Nottingham

Oxford
Reading
Southampton
Southend
Southport
Tunbridge Wells
Westminster Abbey
Weston-super-Mare
Weymouth
Winchester
Worcester
Yarmouth

Houses of Parliament
STEREOSCOPES (as Fig. 312).
No. 1. American pattern, made of walnut, with velvet lined hood

1/9
No. 2. A better quality with larger lenses and the hood made of aluminium $3 / 9$

No. 3. Constructed entirely of aluminium, beautifully chased and hood lined with velvet ... ... 5/6


Fig. 312
Stand for above stereoscopes

## "NAMEIT" TITLING OUTFIT (as Fig. 313).

For printing names on negatives, \&c.


Fig. 313

Hitherto this has been done by the tedious and doubtful process of writing the letters or numbers the reverse way on the negative with a pen or brush, which is not only difficult, but in most cases very unsatisfactory, and often results in a good negative being completely ruined by the characters being badly formed, or even worse, by errors in writing the names.

By the above invention all risk of spoiling the negative is avoided, as the wording being first printed on transfer paper, can be read, and accuracy ensured before transferring it to the negative. The names or letters thus produced are brought out in beautiful relief, regular in form, and in every way equal to letterpress printing, and consequently far superior to hand work, and this result can be obtained by the most inexperienced operator.

Complete outfit No. 5, containing 75 letters, spaces, \&c. ... 5/6
Complete outfit No. 6, containing 120 letters, spaces, set of figures, \&c.
Complete outfit No. 7, containing 210 letters, spaces, set of figures, with separate compartments for each letter12/6

## TRAYS AND DISHES

(as Fig. 314).
Earthenware. These dishes are specially made for us of the finest material, are perfectly flat and highly enamelled.


Fig. 314


Fig. 315
XYLONITE TRAYS (as Fig. 315).
With lifters and ribbed bottoms, assorted colours.

| $\frac{1}{\mathrm{~d}}$-plate | 5 by 4 | $\frac{1}{2}$-plate | $\frac{1}{1}$-plate |
| :---: | :---: | :---: | :---: |
| 8 d. | 9 d. | 11 d. | $1 / 6$ |

CASH Depariment
" 20th CENTURY" CELLULOID TRAYS, assorted colours
(as Fig. 316).
The trays can be thoroughly recommended, being of the best quality and very thick, with ribbed bottom, thus preventing warping and bending.


Fig. 316 a 1 -plate
$10 . \frac{1}{2}$.

12 by 10
15 by 12 5/6

ENAMELLED STEEL DISHES (as Fig. 317).


> Superior Quality. Best Finish.

Double vitrified enamelled steel, white enamelled inside and blue out.

Fig. 317

| 1.plate | $\ldots$ | $\ldots$ | 6d. |
| :--- | :--- | :--- | ---: |
| 5 by 4 | $\ldots$ | $\ldots$ | 9 d. |
| $\frac{1}{2}$-plate | $\ldots$ | $\ldots$ | 11 d. |
| $\frac{1}{1}$-plate | $\ldots$ | $\ldots$ | $1 / 6$ |

10 by $\sin$.
1/11
12 by 10 in .
2/6
15 by 12 in . ... ... 3/9


Fig. 318

## OoOt PHOTOGRAPHIC

 THERMOMETER (as Fig. 319).

Fig. 319 GLASS DISHES (as Fig. 318).

Clean and well finished.

| B-plate | $\ldots$ | $\ldots$ | $\ldots$ | 6 d. |
| :---: | :---: | :---: | :---: | :---: |
| $\frac{1}{2}-$ plate | $\ldots$ | $\ldots$ | $\ldots$ | $1 /-$ |
| iplate | $\ldots$ | $\ldots$ | $\ldots$ | $1 / 9$ |

Specially scaled to meet the requirements of Photographers. Price ... ... $8 \frac{1}{2} d$. Similar to above, but in neat nickelled case with superior scale (as Fig. 320).

Price
... 1/-
WATKINS' TIME THERMOMETER (as Fig. 321).
For use with Watkins' system of time development.

$$
\text { Price ... ... } 2 / 5
$$




Fig. 320

## TRIPODS.

## WOODEN TRIPOD.



No.
0 Two-fold canary wood $\frac{1}{4}$-plate tripod, with wood top and strap. Thoroughly well made and varnished. Height 51 in .
2 Two-fold ash wood $\frac{1}{4}$-plate tripod, with cloth covered wood top and two straps, brass fittings. Very rigid. Height $52 \frac{1}{2}$ in.
...
2a A similar tripod to No. 2, but more substantially made, and suitable for $\frac{1}{2}$-plate cameras. Height 56 in .
3 Three-fold ash wood, $\frac{1}{2}$-plate, with folding and sliding leg. Well maḑe and finished, brass fittings, leather straps, and ash top. Height 57 in . closing to $23 \frac{1}{4} \mathrm{in}$.
4 Three-fold ash (Fig. 322), tripod stand, very light and portable, and specially made for cyclists' use and for hand cameras. Very compact. Height 48 in ., closing to 19 in . Weight 19 ozs .

39

60
s. d.

30

60

No. 5 Three-fold ash stand, with rule joints and sliding leg, very rigid and firm. Specially suitable for $\frac{1}{2}$ and whole-plate cameras. Height 57 in., closing to 23 in .
No. 20 Three-fold ash stand, with automatic spring locks, for $\frac{1}{4}$-plate cameras, with metal head and straps ...


For full particulars of this unique Vest Pocket Camera you should write for the "Sprite" booklet-"IT"S FREE."

(as Fig. 323).
A. REVOLUTION IN WOODEN TRIPODS.

Description.

The top section of the "Quickset" stand is in the form of a hollow trough made from the solid block, thus giving strength and rigidity without weight. The second section folds over into the top section when closing. The bottom section, which is a sliding leg, is adjustable to any height, and slides up into the second section. Only two simple movements and the stand is erected. The top is a fixture, and fitted with camera screw.

The advantages over all other wooden stands are compactness, rigidity, neatness, and lightness.

The advantages over the metal telescope stand are rigidity, strength, and simplicity of repair in case of damage.

It is made of hard wood, ebonized and well finished, and stands 50 in . high when extended. It closes to 20 in ., and weighs $180 z$. complete. The top is $2 \frac{1}{2} \mathrm{i}$. diameter.

There is nothing to equal it for appearance and price.

## Price-

| No. 1 | $\ldots$ | $\ldots$ | $7 /-$ |
| :--- | :---: | :--- | :--- |
| No. 2 (larger | size) | $\ldots$ | $8 / 6$ |

TELESCOPIC TRIPODS (as Figs. 324, 325).


Fif. 324


Fig. 32-

No. 5A Brass telescopic tripod, three sections, outer tubes black enamelled. Automatic closing, specially suitable for small cameras. Height 39 in ., closing to $15 \frac{1}{2} \mathrm{in}$. Weight 16 oz . ...
No. 6 Brass telescopic tripod, four sections, outer tubes black enamelled. Automatic closing, nickel head and superior finish. Suitable for all $\frac{1}{4}$-plate cameras. Height $47 \frac{1}{2} \mathrm{in}$., closing to $15 \frac{1}{2} \mathrm{in}$. Weight 23 oz .6/9

No. 7 Giant brass telescopic stand, five sections, outer tubes black enamelled, automatic closing, very solid and strongly made. Suitable for all cameras up to and including $\frac{1}{2}$-plate size. Height 58 in ., closing to 17 in .
No. 8 Aluminium telescopic (circular)tripod, five sections, outertubes black enamelled. Light and portable, automatic closing. Height $49 \frac{1}{2} \mathrm{in}$., closing to $14 \frac{1}{2} \mathrm{in}$. Weight 13 oz .
No. 8A Aluminium telescopic (triangular), with patent catches, five sections, very rigid, but light. Suitable for tourists and cyclists. Height 50 in ., closing to $14 \frac{1}{2} \mathrm{in}$. Weight 21 oz . ...
Triangular telescopic, similar to No. 8A but made throughout of brass, four sections. Height $50 \frac{1}{2}$ in., closing to $16 \frac{1}{2} \mathrm{in}$. Weight $23 \frac{1}{2} \mathrm{Oz}$. ...

## TRIPOD ADAPTER.

A means of enabling one to use cameras with small or odd size bushes on these tripods without having thread of screw altered. Made of solid brass.

$$
\text { Price } . . . \quad . . . \quad 1 /-
$$



Fig. 326
"DURHAM" FLAT TELESCOPIC TRIPOD (as Fig. 326).

A flat folding tripod with head of nove. design giving great rigidity.

Length when closed $11 \frac{1}{2} \mathrm{in}$. Length when opened $48 \frac{1}{2} \mathrm{in}$.

Price ... 11/9

Cheap leather case for same 3/Superior quality case for same $4 / 5$
"CAMBRIDGE" FLAT TELESCOPIC TRIPOD (as Fig. 327).
The special features of this tripod are the folding head which provides a firm and large base for the camera, the screw adjustment of the top, which permits of tightening at any time with a coin, so securing perfect rigidity and the compact form into which it will fold.

The toes of this tripod are reversible and at the inner extremity are shod with rubber to prevent slipping on polished surfaces.

Length when folded, $12 \frac{1}{4} \mathrm{in}$.
Length when extended, $49 \frac{1}{2} \mathrm{in}$.

$$
\text { Price } \quad . . \quad 13 / 9
$$

Cheap leather case for same 3/-


Fig. 327 Superior quality case for same $\mathbf{4 / 6}$


Fig. 328

## BALL AND SOCKET TRIPOD ADAPTER

(Wilcox Patent) (as Fig. 32S).
Neat, cheap, and well made. Heavily nickelled.
Price
1.

## ',EATHER CASES FOR TELESCOPIC TRIPODS.

Black or tan, solid leather, best finish (see page 68).

# BUTLER'S "SWINGAM" METAL TRIPOD 

(as Fig. 329).

Renders possible the tilting of the camera to any angle. Five section brass legs; automatic closing -53 in . high when open, 16 in . closed.

13/6

Fig. 329
"SANDERSON" TRIPOD SHOE (as Fig. 330).
A handy contrivance for preventing the slipping of the metal tripod toe upon smooth or stone floors.

$$
\begin{gathered}
\text { Price } \quad \ldots \quad \text { small, } 1 / 6 ; \\
\text { medium, } 2 /-; \text { large, } 2 / 6
\end{gathered}
$$



Fig. 311


Fig. 330

## "WATTS" TURNTABLE HEAD

(as Fig. 331).
(Registered No. 519875).
Handy little contrivance which may be fitted to any telescopic tripod without alteration, enabling one to revolve the camera in any direction, in a horizontal plane without moving the tripod. This is fitted with a clamping screw, immediately fixing head in the desired position.

Price, well made in solid brass ... ... 2/-

## CYCLIST'S <br> CAMERA ADJUSTER.



Fig. 332


Fig. 333

Will fit on any handle bar, converting the cycle into a temporary support. Clip only for handle bar (as Fig. 332), 6d.

Ball and Socket, universal head, for attaching to same (as Fig. 333), 1/-


Fig. 334

## TIME EXPOSURE VALVE

## (Sanderson Patent) (as Fig. 334).

An ingenious arrangement for regulating the speed of roller blind shutters, easily adjusted to tube of any shutter, guaranteed accurate.
Price

3/6
This valve may be adapted to Iris shutters at an extra cost of 6 d . Shutters should be sent to us for this purpose.

## "THORNTON-PICKARD" EXPOSURE VALVE

(as Fig. 335).
For giving exposures of $\frac{1}{8}$ th, $\frac{1}{4}, \frac{1}{2}, 1,2$, and 3 seconds with any shutter operated by a pneumatic release.


Fig. 335

This can be fitted to any "Thornton-Pickard" time and instantaneous shutter. It can not be fitted to the snap-shot, special, and studio shutters.

Time exposure valve fitted to any "Thornton-Pickard" time and instantaneous shutter at time of ordering, or fitted afterwards to any "Thornton-Pickard" time and instantaneous shutter, sent to us for that purpose

If new ball, tube, and teat required, extra $2 /$ -
When valves belonging to customers are sent to be fitted to new releases, a charge of $1 /$ - for fitting and testing is made, in addition to the charge for new ball, tube, and teat.

## Ready in October !

A

# Calendar 

IN WHICH IS MOUNTED ONE OF YOUR CHOICEST PHOTOGRAPHS IS NOT PUT ON ONE SIDE WITH THE PASSING OF CHRISTMAS, but is a permanent reminder to friends throughout the year.

But it is essential that the CALENDAR should be suitable for its purpose.

Ours are not only tasteful but well made, the tints being specially selected with a view to harmonising with the photographic print.

## coseg

Entirely New Designs are being prepared.

TASTEFUL, DELICATE, AND UP -TO-DATE.

## TIME EXPOSURE VALVE

(as Fig. 336).

A cheap and accurate instrument giving speeds from $\frac{1}{8}$ th of a second to 3 seconds. Can be fitted to tube of any shutter.


Fig. 336


Fig. 337

## Boots "TYRO" TANK

(as Fig. 337).
The simplest form of developing tank to take six $\frac{1}{4}$-plates. The lid being lined with a rubber washer is rendered watertight during the process of reversal by pressure of the fingers. To take six $\frac{1}{4}$-plates in zinc, 2/-; in nickel-plated brass, 4/-
"WATKINS'" DAYLIGHT TIME TANK (as Fig. 338).
Develops 12 plates in a horizontal position.


Fig. 338


A revolution in dark room illumination. Ask for pamphlet.
The ONLY Dark Room Lamp in use the world over.

## Pooty "PERFECT" DEVELOPING TANK

(New Model) (as Fig. 339).
Offers in a convenient and practical form an apparatus for the carrying out of development under the most scientific conditions. Requires less developer than any tank taking six plates, and once the plates are in the tank, no Dark Room is required. Made of hard metal heavily nickel-plated, it will withstand the action of all developing solutions. The developer is introduced through a screw opening at the top, and when the plug is replaced the tank is perfectly watertight, and in consequence may be inverted at intervals, so insuring complete freedom from development marks. The rack being fixed to the inside of the watertight lid there is no risk of the plates becoming damaged as in those tanks with a loose plate rack. For development of flat films special holders can be supplied. Single plates may be developed in this tank by using it on its side, when a correspondingly smaller quantity of developer may be used. This tank should not be confused with those made of zinc or galvanized metal, as it is a superior article constructed of a metal which does not exert any fogging action


Fig. 339 on the plates, and, moreover, the nickel-plating extends into the interior and in consequence the apparatus is practically indestructible.

Prices in hard metal, nickel-plated-
To hold 12 plates, 6 by $4.5 \mathrm{c} / \mathrm{m}$ (Block-note) ... ... ... 7/,. $6^{,}$. $3 \frac{1}{2}$ by $2 \frac{1}{2}$ in. ... ... ... ... ... 7/.
,. 12 ., $3 \frac{1}{2}$ by $2 \frac{1}{2}$ in. ... ... ... ... ... 7/6
,. 6 ,. $4 \frac{1}{4}$ by 3 inin. (土 -plate) ... ... ... 7/6
,, 6 ., 5 by 4 ... ... ... ... ... ... 10/6
,, 6 ,, $5 \frac{1}{2}$ by $3 \frac{1}{2}$ in. (Post Card) ... ... ... 10/6
,. 6 ,, $6 \frac{1}{2}$ by $4 \frac{5}{4}$ in. ( $\frac{1}{2}$-plate) ... ... ... ... 12/6

DEVELOPING POWDERS for above, in cartons containing six pairs of powders, each pair producing 12 oz . of standard developer.

Per carton, 6d.
Ditto for producing $150 \%$ of standard developer. Per carton, 8 d .



Fig. 340

## תex

 GLASS DEVELOPING ORFIXING TANK (as Fig. 340 ).
Cheaper than porcelain; accurately made and absolutely unaffected by photographic solutions. May be cleaned with a little spirit of salts without any injury to the surface.
$\begin{array}{cccccc}\text { To take } 12 & \text { t-plates } & \ldots & \ldots & 2 /- \\ \text { " } & \because & \overline{5} \text { by } 4 & \ldots & \ldots & 39 \\ \text { " } & . & \frac{1}{2} \text {-plates } & \ldots & \ldots & 4 / 9\end{array}$

## "BROWNIE" DEVELOPING BOX (as Fig. 341).

Users of No. 1 "Brownie," No. 2 "Brownie," and No. 2 "Folding Pocket Brownie Kodals" can now obtain a machine which will develop their roll films in six minutes without the use of a dark room. The "Brownie" Daylight Developing Box gives negatives just as good as those produced by the wellknown "Kodak" Developing Tank.


## " KODAK" DAYLIGHT DEVELOPING

TANK (as Fig. 342).


Fig. 342
The film is wound from the spool into the red celluloid apron in the box provided for the purpose, after which the film within the apron is placed in the tank, where it is left in a dilute developer for a specified time. The new model is provided with a watertight lid, enabling the tank to be reversed during development without opening.

The smallest size is not fitted with lid to the tank.
Detailed book of instructions supplied with each machine.

|  | For Nos. 1 and 2 Brownie" Spools | For Spools up to 3 in. | For S upto |
| :---: | :---: | :---: | :---: |
| k | 10. | 21/. | 28 |
| eveloping Powders, per packet of six | 6 d | 1 1. | 16 |

Duplicating Outfit for above, consisting of extra reel, apron and tank"Brownic " 6/-
$3 \frac{1}{2} \mathrm{in} .10$ -
5in. 12/6

## 'Perfect' Developing Tank

THE ORIGINAL.-Although copied very closely by others, this Tank still possesses many original and important features NOT found in its IMITATORS :


It is generally admitted that plates developed in perfect darkness by means of a tank possess a brilliance and freedom from fog not found in negatives made by any other method. This tank is undoubtedly superior to any other-being constructed of a hard metal, heavily nickelplated, exercising no deleterious influence on the sensitive plate. Requires less developer than any other tank, and is reversible, so preventing uneven development and the marking produced when the solution is allowed to remain undisturbed.

Used in conjunction with COOZ一 "Scientific"
with time and temperature chart, reduces development to its simplest form and

## PREVENTS MISCALCULATIONS.

Can be seen at any .. Photographic Depot of 960

## Cash Chemists.

For Prices see under Tanks.

## VARNISH.

" 20th CENTURY" clear negative varnish in bottles, price 5 d . and $9 \frac{1}{2} \mathrm{~d}$.
"
" matt varnish in bottles ... ,, $5 \frac{1}{2} \mathrm{~d} .$, , $10 \frac{1}{2} \mathrm{~d}$.

## " 20th CENTURY" BROMIDE AND GASLIGHT VARNISH ("Enricheur").

A varnish for imparting a rich lustre to bromide, platinotype, and all matt surface prints, increasing the luminosity of the shadows without producing gloss, and at the same time protecting the print from atmospheric influences. In bottles, $6 \frac{1}{2} \mathrm{~d}$. and $11 \frac{1}{2} \mathrm{~d}$.
... ... per bottle 6 d .

## VIEW FINDERS.



## No. 1 "BRILLIANT" FINDER (as Fig. 343).

Improved pattern, with revolving top, with opening for either oblong or upright pictures. Well finished in oxidised brass mounts.

$$
\text { Price } \quad . . \quad \text {... } 2 / 9
$$

Fig. 343

## "DIRECT" VIEW FINDER

(as Fig. 344)

For vertical or horizontal.
Price1/5

Cheap view finders, nickel-plated, suitable for "Brownie" and other small hand cameras ... ... ... ... $5 \frac{1}{2} \mathrm{~d}$. Kodak "Brownie" view finders ... ... $1 /$ -
"Ticka" view finders ... ... ... 2/-


Fig. 344

## VIGNETTERS.

SALMON'S ADJUSTABLE VIGNETTER (as Fig. 345).


Fig. 345

## "GOLDEN" VIGNETTERS

(Portrait or Landscape)
(as Fig. 346).


Can be easily affixed to any printing frame, and does not interfere with its use when vignetter is not required; complete in box, including aluminium slides and 12 vignetting cards, six for various openings and six for cutting as required.

$$
\text { d-plate } \quad . . \quad \text {... } 1 / 10
$$

5 by $4 \quad$... ... $2 / 1$
$\frac{1}{2}$-plate $\ldots$... $2 / 4$


Fig 346

## OOOCS FLEXIBLE VIGNETTERS (as Fig. 347).



Fig. 347

A cheap and efficient form of vignetter producing perfect graduation. In packets each containing 3 assorted, either size, at the following prices :-

| $3 \frac{1}{2}$ by $2 \frac{1}{2}$ | $\ldots$ | $\ldots$ | $\ldots$ | 3 d. |
| :--- | :--- | :--- | :--- | :--- |
| $\frac{7}{4}$-plate | $\ldots$ | $\ldots$ | $\ldots$ | 4 d. |
| Post card | $\ldots$ | $\ldots$ | $\ldots$ | $4 \frac{1}{2} \mathrm{~d}$. |
| $\frac{1}{2}$-plate | $\ldots$ | $\ldots$ | $\ldots$ | $5 \frac{1}{2} \mathrm{~d}$. |



## PRINT WASHERS.



## "WONDERFUL" PRINT WASHER

(as Fig. 348).
Keeps prints in constant motion. No risk of tearing.

$$
\begin{array}{rlll}
7 \mathrm{in} . & \ldots & \ldots & 3 / 3 \\
10 \mathrm{in} . & \ldots & \ldots & 4 / 3
\end{array}
$$

Fig. 348

## "CIRCULAR" PRINT WASHER.

Keeps the prints in constant motion, and cannot possibly get out of order.
7 in. diameter
1/3
9in. diameter ... ... ... ... ... $2 / 3$
13in. diameter ... ... ... ... ... 3/.

## "WURLAR" WASHER

(as Fig. 349).

The most efficient and pracitcal washer-prints always kept moving.

| $\frac{1}{4}$-plate | $\ldots$ | $\ldots$ | $3 / 6$ |
| :--- | :--- | :--- | :--- |
| $\frac{1}{2}$-plate | $\ldots$ | $\ldots$ | $5 / 6$ |



Fig. 349

# Scientific and Physical 

## Apparatus

OF EVERY DESCRIPTION OBTAINED TO ORDER.

Quotations given for making Instruments to Customers' Own Specifications.


OPTICAL, ELECTRICAL, CHEMICAL \& PHYSICAL.

Photographic Dept. OVER 500 BRANCHES.

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${ }^{+}$ACCRINGTON-89-91 Blackburn Road
+ALDERSHOT-21 Wellington Street Furnborough Road
17 \& 19 Wellington Street
${ }^{1+}$ ALTRINCHAM- 35-37 Railway Street ARBROATH-154 High Street
ASHFORD (Kent)- 60 High Street ASHTON-UNDER-LYNE-140 Old Square
'AYLESBURY - 30 Market Square
+'BANBURY-79-80 High Street BANGOR-302 High Street
+'BARNSTAPLE-5 High Street BARRY (Glam.) - 85 b Holton Road
1'BATH-21-22 Union Street 56 Southgate Street

+ BEDFORD-Harpur Street 5 High Street, St. Mary's
BEESTON (Notts.)-6\&8 High Road
-BELPER-King Street
BIRKENHEAD-239 Grange Road
BIRMINGHAM- 52 New Street Aston Cross
171 Bloomsbury Street
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248 Broad Street 79 Digbeth
266-268 Gooch Street
+"2-3 High Street
459 Moseley Road
521 \& 523 Moseley Road
100-101 Smallbrook Street
+'10 Snow Hill
36 Summer Row
Erdington-81 High Street Handsworth-108 Villa Road Harborne- 196 High Street Kings Heath- 129 High Street
4 "Moseley-129 Alcester Road
*Small Heath-275 Coventry Road ${ }^{*} 576$ Coventry Road
BISHOP AUCKLAND-28 Newgate Street
-BLACKBURN-52 Church Street
1 BLACKPOOL-14 Market Street
Corner of Church St. and Station Rd.,
South Shore
BLYTH-33 Waterloo Road
+'BOLTON-29-31 Knowsley Street
+ BOSCOMBE-
Salisbury Buildings, Christchurch Road
+'BOSTON-Market Place
†'BOURNEMOUTH-108 Commercial Road
+ $76-78$ Old Christchurch Road
*80 Poole Road, Westbourne
("BRADFORD-60-62 Kirkgate
BRIDGEND (Glam.)- 15 Caroline Street
BRIDGWATER-
36 Fore Street and Queen Street
*BRIGHTON-158-162 Western Road
128 North Street
$1-17$ St. James's Street
${ }^{4} 19$ London Road
- 88 Preston Road
|"64 Church Road, Hove
${ }^{+}$'204 Church Road, Hove

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1"13 Queen's Road, Clifton
*BROMSGROVE- 39 High Street
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BURNLEY-90 St. James Street
*BURSLEM-30 Queen Street
+*BURTON-ON-TRENT- 161 High Street 1 Lichfield Street
154 Station Street
29 Borough Road
${ }^{+4}$ BURY -5 Silver Street
+'BURY ST. EDMUNDS- 15 Cornhill
(BUXTON-46-48-50 Spring Gardens
CAERPHILLY-75 Cardiff Road
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${ }^{*}$ CHELTENHAM-129-130 High Street
${ }^{*}$ CHESTER-28 Eastgate Row and 24 Eastgate Street
CHESTERFIELD-21 Market Place
"CHORLEY- 3 \& 5 Queen's Buildings,
Market Place
CLACTON-ON-SEA-
11 Central Buildings. Pier Avenue
COLCHESTER-20 Long Wyre Street
${ }^{*}$ COVENTRY-9 \& 10 Broadgate
${ }^{*}$ CREWE-56-58 Market Street
+'DARLINGTON- 29 Northgate 11 Blackwellgate
+ DARTFORD- 13 High Street DARWEN-10 Market Street
DERBY- 147 London Road 41 The Wardwick
${ }^{4} 54$ St. Peter's Street 265 Normanton Road
$1+15$ St. James' Street
+*DEVIZES - 20 The Brittox DEWSBURY- 38 Market Place DONCASTER-71 Frenchgate
+'DOUGLAS (I.O.M.)- 37 Victoria Street
1*DOVER- 11 Cannon Street
DUDLEY- 26 Market Place
DURHAM- 29 Silver Street
+*EASTBOURNE- 16 Sussex Gardens ${ }^{+} 6$ Seaside
4 ${ }^{\circ}$ EASTLEIGH-23 Leigh Road
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48 Shandwick Place
46 Leith Street
1 South Clerk Street
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EGREMONT (Birkenhead)-68 King Street
*EPSOM-High Street
$+^{*}$ EXETER- 53 High Street
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FARNHAN-14 Borough
*FLEETWOOD - 79 \& 81 L.ord Street
*FOLKESTONE-12 Rendezvous Street *) 61 High Street
FROME- 23 Market Place
$t^{+}$GAINSBOROUGH-30 Market Place GATESHEAD-192 High Street GILLINGHAM-159 High Street
FGLASGOW-101-105 Sauchiehall Street
*GLOSSOP-19 High Street West GLOUCESTER-139 Westgate Street
*GODAL.MING- 106 High Street
t GRANTHAN-6 High Street
68 London koad
*GRAVESEND-23 High Street GRAYS Essex) -14 High Street
I*GRIMSBY-108 Cleethorpe Road -
†'GUERNSEY-18-20 Smith Street
$+^{*}$ GUILDFORD- 113 High Street
${ }^{7}$ HALIFAX-18 Old Market
HANLEY-24 \& 26 Piccadilly
${ }^{+*}$ HARROGATE- 5 Parliament Street
'HARROW-ON-THE-HILL-
6 Bank Buildings, Greenhill
${ }^{*}$ HASTINGS-17, $18 \& 19$ Robertson Street HEANOR - 10 Red Lion Square
(*HEREFORD-28 High Town
'HEYWOOD-1 Market Street
' ${ }^{\prime}$ HIGH BARNET-I42 High Street 122 High Street
'HIGH WYCOMBE-11 \& 12 Queen Square *HINCKLEY-Market Place HOLYHEAD-29 Market Street HORWICH-40 Lee Lane
${ }^{\text {h HOYLAKE- }} 38$ Market Street HUCKNALL TORKARD-54 High Street
t* HULL-10 \& 12 King Edward Street
${ }^{4}$ HYDE-60 Market Street
"ILKESTON-122-124 Bath Street
t IPSWICH-22 Tavern Street 52 Westgate Street
JERSEY- 25 Queen Street 27-29 Queen Street
KEIGHLEY- 58 Cavendish Street
'KETTERING-31-32 Market Place KIDDERMINSTER-7 High Street
t*KINGS LYNN- $43 \& 44$ High Street
+*KINGSTON-ON-THAMES-15 Market Place KIRKCALDY-73 High Street LANCASTER-45\&47 Penny Street
$1^{*}$ LEAMINGTON-162 The Parade

+ ${ }^{2}$ LEEDS-7-8-9 Bond Street 1 112-114 Briggate $\&$ King Edward Street
LEEK-17 St. Edward Street and Sheep Market Street
('LEICESTER-9 Belvoir Street 301 Belgrave Gate
+'LEIGH (Lancs.) - 3 \& 5 Railway Road
LEIGHTON BUZZARD-55 High Street
LEITH-100 Kirkgate
t'LETCH WORTH - Leys Avenue
+*LEWES-51-52 High Street
$\dagger^{*}$ LICHFIELD- $4 \& 6$ Tamworth Street
+*LINCOLN-280-281 High Street 153 High Street, St. Marks

LIVERPOOL-110-112a Bold Street
111-113 County Road, Walton
1 Leece Street
113 Lodge Lane
t 11 -13 London Road
235 Park Rond
203 Scotland Road
t'51 Stanley Road, Bootle
14 West Derby Road
t'68 South Road, Waterloo 8 Longmoor Lane, Aintree 79 Wavertree Road 283 Smithdown Road, Sefton Park 116 St. Mary's Road, Garston
$f^{*}$ LLANDUDNO-Vaughan Street
${ }^{*}$ LLANELLY-26 Stepney Street
LONDON AND SUBURBS-
+* $^{*}$ City-29-31 Farringdon Road, E.C.
25-26 The Arcade, Liverpool St., E.C.
${ }^{\text {* }} 153$ Bishopsgate, E.C.
*112 City Road, E.C.
t*16-18 Moorfields \& 43 Finsbury Pvmnt. 7 Cheapside, E.C.
t* $^{*}$ Acton, W. -153 High Street
Balham, S.W. 74 High Road
Battersea, S.W.-
262 Battersea Park Road
*Bayswater, W.- 11 Porchester Road
t*Bermondsey, S.E.- 289 Old Kent Road 268 Southwark Park Road
${ }^{*}$ Borough, S.E. -305 High Street
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+'Chelsea, S.W.-92-94-96 King's Road,
Sloane Square
Chiswick, W.-282 High Road 28 The Pavement, High Road
${ }^{\circ}$ Clapham, S.W. -133 High Street
$t^{*}$ Clapham Junction, S.W.23 St. John's Road + 69 St. John's Road
$4^{*}$ Cricklewood, N. W.- 158 The Eroadway
t $^{*}$ Crouch End, N. - 11 The Broadway
${ }^{+}$Croydon- 50 George Street 1*42-44 North End
f*Dalston, N.E.- 8 High St., Kingsland
Denmark Hill, S.E.- 36 Denmark Hill
${ }^{*}$ Deptford, S.E.- 170 New Cross Road 2 The Broadway 195 High Street
${ }^{\text {6 }}$ Ealing-65 The Mall, Broadway Parade Earlsfield- 545 Garratt Lane
*East Ham-310 Barking Road
*East Sheen-232 Upper Richmond Rd. Edmonton (Lower) N.-The Green
Enfield- 8 Church Street
+*Finchley-20\&21 Princes Parade *(East)-9 Park Hall Parade *(North)-47 High Street
${ }^{\text {* }}$ Forest Gate, E.- 24 Woodgrange Road
${ }^{3}$ Forest Hill, S.E.-21 Dartmouth Road
${ }^{*}$ Golders Green, N.W.-22 The Parade
+*Hackney-382 Mare Street
**Hammersmith, W, -7 King Street
t*Hampstead. N.W.-43 Heath Street t'184 Finchley Road (West)- 175 West End Lane
+*Harlesden. N.W. 53 High Street
$t^{*}$ Harringay, N. -25 Grand Parade Hendon (North)The Parade, Brent Street (West)- 222 The Broadway. Edgware Road
t' $^{*}$ Holborn, W.C.- $82-83$ High Holborn *180 Shaftesbury Avenue, W.C.
${ }^{+*}$ Holloway, N. -17 Seven Sisters Road
${ }^{*}$ Hounslow- 158 High Street

London and Suburbs-continued.

+ ${ }^{1}$ Ifford, E. -123 \& 125 High Road ${ }^{+*} 12$ The Pavement. Seven Kings
${ }^{*}$ Islington, N. -31 High Street
${ }^{+*} 1$ Holloway Rd., Highbury Station
${ }^{+*} 167$ Upper Street 287 Caledonian Road
Kentish Town, N.W.287 Kentish Town Road
${ }^{*}$ Kilburn, N.W. 89 High Road
${ }^{+}$KKing's Cross, N.W. ${ }^{-5}$ Euston Road
${ }^{*}$ Lambeth, S.E.-59 \& 60 Lower Marsh ${ }^{+}{ }^{*}$ Lewisham S.E.-76-78 High Street
${ }^{*}$ "Leyton E.- 285 High Road
*Leytonstone, E.6 The Parade, High Road
${ }^{*}$ Manor Park, E. -622 Romford Road +*$^{*}$ Marylebone, W.-112-118 Edgware Rd. *316 Edgware Road
Merton, S.W. -158 Hish Street
New Malden- 58 Malden Road
*Norwood (West) S.E.-1 The Parade, Norwood Road ${ }^{+*}$ (Upper)- 55 Westow Hill
${ }^{*}$ Notting Hill Gate, W. -49 High Street Paddington, W.- 181 Praed Street 273 Harrow Road +*345-347 Harrow Road
*Palmers Green6 The Market, Green Lanes
${ }^{*}$ *Peckham-20 Rye Lane
+*Pimlico, S.W.-42 Warwick Street
**Plumstead-144 Plumstead Road
+*Putney, S.W.- 152 High Street
${ }^{+}$Shepherds Bush, W.11 Shepherds Bush Green
Southall-4 Elmfield Parade, King St.
+'South wark, S.E.-57-58 London Road
*St. Pancras, N.W.-290 Euston Road
*Stoke Newington. N.- 167 High Street
*Stratford, E.-24 \& 26 The Broadway ${ }^{1} 123$ Leytonstone Road
$\dagger^{*}$ Streatham. S.W.-97-99 High Road *338 High Road
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*Sydenham, S.E.- 55 Sydenham Road
*Tooting-5 \& 7 High Street
*Tottenham, N.-59 West Green Road ${ }^{*} 516$ High Road
${ }^{*}$ Twickenham-1 Kingsway Buildings
t*Upton Park, E. -384 Green Street
$t^{*}$ Walham Green, S.W.9 The Broadway
*Walthamstow, E.- 169 Hoe Street * 14 High Street
+*Walworth, S.E.-301 Walworth Road
*Wandsworth- 115 High Street
$\dagger^{*}$ Westminster-
29 Buckingham Palace Road *8.9 Bridge Street
+*Whitechapel, E.-69 Whiteohapel Rd.
Willesden Green, N.W.-70-72 Walm Lane
*Wimbledon-2 Merton Road 27 Hill Road
*Wood Green, N.-98 High Road (opposite Maye's Road) 14 Cheapside, High Road
${ }^{*}$ Woolwich- 108 Wellington Street *103-105 Powis Street
LONGTON- 32 Market Street
$\dagger^{*}$ LOUGHBOROUGH-10 Market Place
$t^{*}$ LOWESTOFT-The Marina
*LUTON-27 George Street
MACCLESFIELD-19 Market Place
+*MAIDSTONE-38 Week Street
MANCHESTER-15-17-19 St. Ann Street, St. Ann's Square
*Sb Alexandra Road, Moss Side
16 Cavendish Street. Stretford Road 597 Cheetham Hill Road

Manchester-continued.
77 Downing Street 105 Market Street 48 \& 50 Oldham Street
$+{ }^{*} 285$ Oxford Road
1 Oxford Street
*81 Piccadilly
688a Rochdale Road
107 Stockport Road
$\mathrm{f}^{*}$ Victoria Station Approach
Chorlton-cum-Hardy-
29 Barlow Moor Road
Higher Broughton -
388 Great Cheetham Street, E.
$t^{\circ}$ Levenshulme- 105 Stockport Road
Longsight-617 Stockport Road 690 Stockport Road
Openshaw- 706 Ashton Old Road
Pendleton-191 Broad Street
Rusholme-61 Wilmslow Road
Salford-277 Chapel Street 91 Regent Road 404 Regent Road
Stretford-1137 Chester Road
MANSFIELD-11 Leeming Street
MARKET HARBORO'- 17 High Street
MATLOCK-Dale Road
MELTON MOWBRAY-South Parade
MERTHYR TYDFIL- 125 High Street
+*MIDDLESBROUGH-17 Corporation Road MOUNTAIN ASH-25 Oxford Street
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*NEWARK-Stodman Street
NEWCASTLE-ON-TYNE-
45 Northumberland Street
83 Clayton Street
${ }^{*}$ *53-55 St. George's Terrace, Jesmond 19 Shields Road, Byker 121-125 Shields Road, Byker 244-246 Scotswood Road
109 Elswick Road
63-65 High Street, Gosforth
$I^{\prime}$ NEWMARKET-High Street
NEWPORT (Mon.)-13 Commercial Street
${ }^{*}$ NORTHAMPTON- 6 Gold Street
NORTH SHIELDS-15-17 Saville Street
I'NORTHWICH- 25 High Street
NORWICH-38 London Street
Brigg Street
${ }^{+} 6$ Goat Lane
*22 Magdalen Street
t*NOTTINGHAM-High St. and Pelham St. 177-179 Alfreton Road
${ }^{*} 1$ Angel Row, Market Place
48 Arkwright Street
Carrington Street Bridge
126-128 Derby Road
*Exchange Walk
16-20 Goose Gate
$\dagger^{*} 10$ Lister Gate
21 London Road
1 Mansfield Road

* 181 Mansfield Road

88 St. Ann's Well Road
269 St . Ann's Well Road
${ }^{*}$ Trent Bridge
66 Wilford Road
+*NUNEATON-11 Market Place
OLDHAM-42 Mumps
"28 Market Place
*OSWESTRY-6 The Cross
${ }^{*}$ OXFORD-1 Queen Street, Carfax
PAIGNTON-19 Victoria Street
${ }^{7}$ PETERBOROUGH-17-18-19 Narrow Street 8 Market Place
14-16 Westgate

## LIST OF BRANCHES-continued.

$\dagger^{*}$ PONTYPRIDD- 86 Taff Street
*POOLE-109 High Street PRESTON-27 Fishergate
*PURLEY- 8 Bank Buildings, Brighton Road RADCLIFFE (Lancs ) - 3 Blackburn Street
RAMSGATE-22-24 Harbour Street
$\dagger^{*}$ READING-91 Broad Street 2 Duke Street
REDDITCH-3 Evesham Street
$f^{*}$ REDHILL- 2 High Street RETFORD-10 Market Square
${ }^{*}{ }^{*}$ RICHMOND-ON-THAMES-63-64 George Street
*RIPON-10 \& 11 Old Market ROCHDALE-42 Drake Street 59-61 Yorkshire Street
*ROMFORD-32 South Street
$t^{*}$ ROTHERHAM- 10 \& 12 High Street 8 Bridgegate
t*RUGBY-26 High Street RUNCORN-77 Bridge Street
+*SALE-50 School Road
t*SALISBURY- 3 High Street SCARBORO'- 1 St. Nicholas Street and 18 Newborough
Pump Room. The Spa
SCUNTHORPE-29 High Street
SEVENOAKS- 86 High Street
*SHEERNESS-6 \& 8 The Crescent
$+^{*}$ SHEFFIELD- 6 High Street 440 Abbeydale Road 183 Attercliffe Common 207 Broomhall Street 129 Newbould Lane, Broomhill 2-4 Duke Street, Park
$+{ }^{2} 55-57$ Snig Hill
+*760-762-764 Attercliffe Road 599 Attercliffe Road 212 London Road
*514-518 London Road, Heeley Bridge
$t^{+} 3.5$ siddlewood Road, Hillsboro' 7 Netherthorpe Place 284 Shalesmoor 99 South Street +*202 South Street, Moor 652 Staniforth Road, Darnall *34-36 Spital Hill
${ }^{+}+252-254$ West Street and 2 Regent Street
$\dagger^{*}$ SHREWSBURY-7 Pride Hill
$+^{*}$ SIDCUP- 56 High Street
$\dagger^{*}$ SOUTHAMPTON-25 Above Bar 96 St. Mary's Street
${ }^{*} 107$ Shirley Road
+29 London Road
*155 Bevois Hill
$+{ }^{*} 75$ East Street "84 High Street. Shirley
+'SOUTHEND-ON-SEA-112 High Street $t^{*} 105$ Hamlet Court Road, Westcliffe *89 The Broadway, Leigh-on-Sea
+*SOUTH SHIELDS - 39 King Street
t'SOUTHPORT-383-391 Lord Street +*26 Chapel Street
+*ST. ALBANS-The Gables, Market Place
ST. ANNE'S-ON-THE-SEASt. Ann's Road (West)
5T. HELENS-6 \& 8 Ormskirk Street
+'ST. LEONARDS - 48 London Road
$\dagger^{*}$ STAFFORD-3 Market Square
$\dagger^{+}$STAINES- 27 High Street
STALYBRIDGE--85 Market Street

STOCKPORT-26 Bridge Street Brow and 1 Great Underbank
+*STOCKTON-ON-TEES-104-105 High Street
$t^{*}$ STOKE-ON-TRENT-3 Church Street
STOURBRIDGE-High Street
STROUD-23 Russell Street
t*SUNDERLAND-62 Fawcett Street
*SUTTON COLDFIELD-58 Parade
*SWADLINCOTE-High Street
$\dagger^{*}$ SWANSEA-1-2 Oxford Street
82 Brynymor Road
60 High Street
70 Woodfield Street, Morriston
SWINDON-27-28 Bridge Street
$\dagger^{*}$ TAU NTON- 56 North Street
TIVERTON-6 Gold Street
TODMORDEN-Oddfellows Hall, Bridge St.
TONBRIDGE- 28 High Street
TONYPANDY-121a Dunraven Street
*TORQUAY-18 Fleet Street TREDEGAR (Mon.)-19 Commercial Road
*TROWBRIDGE-Market Place
$t^{*}$ TUNBRIDGE WELLS - 4 The Pantiles
73 Mount Pleasant Road
$\dagger^{*}$ TUNSTALL- 63 High Street
WAKEFIELD-
3 Market Place and 3 Butcher Row WALLSEND-

Corner Station Road and High Street
t*WALSALL- 25 Park Street
WARRINGTON- 126 Bridge Street
${ }^{+*}$ Corner of Sankey Street and Bridge St.
$\dagger^{*}$ WATFORD- 9 Queens Road
WEDNESBURY-14 Market Place
*WELLINGBOROUGH-13 Market Street WELLINGTON (Salop)- 16 Crown Street
WEST BROMWICH- 195 High Street
WEST HARTLEPOOL-51 Lynn Street
+*WESTON-SUPER-MARE- 38 High Street
${ }^{+*}$ WEYMOUTH-69-70 St. Mary Street
WHITLEY BAY-203-205 Whitley Road
WIDNES- 92 Victoria Road
WIGAN-47-49 Wallgate
${ }^{+}$WINCHESTER-37-38 High Street
WINDSOR-15 \& 16 Thames Street
WINTON (Bournemouth)- 57 Wimborne Rd.
*WOLVERHAMPTON-7 \& 8 Queen Street
*2 Chapel Ash
WOOLSTON (Southampton)-9 Victoria Rd.
+*WORCESTER-73 High Street $^{*}$
WORKSOP-Bridge Place
$+^{*}$ WORTHING-24 South Street
(West)-2 Downview Terrace
WREXHAM-Regent Street
YARMOUTH-2 Broad Row
t'King Street and Theatre Plain $^{\text {K }}$ 35 \& 36 Arcade, Marine Parade
${ }^{*}$ YEOVIL-Medical Hall
t*YORK-30 Coney Street
$\dagger$ At these Branches a Dark Room is available.
*At these Branches Photographic Materials are stocked.

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## A FEW <br> New Introductions

## GLAZING SOLUTION

The use of this with Glossy, P.O.P., Bromide. or Gaslight Papers, obviates all risk of the prints sticking to the glazing slabs, and enhances the brilliance of the surface. Pouth Glazing Solution, in Lottlea, $5 \frac{1}{2} \mathrm{~d} . \& 10 \frac{1}{2} \mathrm{~d}$. -"MONOFEN" $\qquad$ combined with Hydrokinone produces an energetic developer admirably adapted for Plates and Papers. Efficiently replaces many of the high-priced and largely advertised chemicals.
Oover "Monofen" in $1-\mathrm{oz}$. bottles $1 / 8$

## "LIGHTNING" Hypo Remover

Prints or Plates treated in this Solution for three minutes can be freed from Hypo by a further wash for five minutes in water. Saves water, time, and trouble.

|  |
| :---: |
|  |  | In powder form, keeps indefinitely. A total absence of the objectionable odour usually associated with this simple and beautiful process of producing sepia tones.

> Odourless Sepia Toner 1/-



[^0]:    Canvas case for No. 1 "Bedford," 2/3 Canvas case for No. 2 "Bedford," 2/10 Complete Developing and Printing Outfits, 4/6

[^1]:    * Subject to market fluctuations.

[^2]:    Fig. 125

[^3]:    "Ensign" Dry Mounting Outfit, complete in a strong wooden box, consisting of :-

    Mounting iron with thermometer
    Gas heating stand with burner
    Fixing iron
    Straight edge trimmer
    Zinc cutting plate

    Improved Model with nickelled rocking surface,
    17/6
    " Ensign" Dry Mounting Outfit as above, but without straight edge trimmer and zinc plate ..... 14/6
    Extra Thermometers ... ..... 1/6
    , Zinc Cutting Plates

    ... ... ..Red Rubber Gas Tubing ... ... ... ... perft. 5 d .
    Flexible Metal Tubing

    ... ... ... ... ..... 4 d .
    Connection Joints for Metal Tubing each ..... 3d.
    Spirit Vapour Lamp for heating the iron where gas is unobtainable ..... 5/-

[^4]:    d also in 6 －sheet packets at slightly more than half above prices．
    Other makes obtained to order．

