

# Descriptive Catalogue

OF

## Photographic Apparatus & Chemicals,

MANUFACTURED AND SOLD BY

HORNE, THORNTHWAITE, & WOOD,  
**OPTICIANS,**

*Philosophical, Photographic, and Scientific Instrument Makers*

To Her Majesty,

*The Royal Observatory, Indian, & Chinese Governments, &c.*

By Special



Appointment.

416, STRAND, W.C.,

AND

E. G. WOOD,

74, CHEAPSIDE, E.C.

London.

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1886.



# PREFACE

TO

## TWENTY-THIRD EDITION OF CATALOGUE, 1886.

THE success which was attained by this firm during the early days of Photography has secured it a reputation of first importance, and it is needless to remark that upon the same lines what may be termed the "Dry Plate Photographic Revival" will be treated.

It is believed that the following list will be found fairly comprehensive, and every article of established reputation is kept in stock.

Novelties will from time to time be added as they make their appearance.

The Cameras and accessories are made under special supervision, by workmen of long experience, and the smallest details (so important in practice) are critically observed.

The Chemicals are offered at as moderate a price as is consistent with purity.

We beg to draw special attention to the new "Trafalgar" Plates, which will be found easy of manipulation, and will give uniformly good results.

As in the days when the late lamented Prince Consort honored this establishment by attending to receive instructions in the fascinating art, so at the present time like facilities are offered to the amateur, the instructions to purchasers of sets being free of charge.

In remitting for goods to be despatched by post or rail it should be remembered that transit charges are not included in catalogue prices.

Country and Foreign Orders should be accompanied by a remittance. Town Orders cash on delivery.



## E. G. Wood,

### PHOTOGRAPHIC SETS.

The "**Nonpariel**" Set is well suited for the beginner.

The "**Yachting**" Sets are specially adapted for Instantaneous Photography and Marine Views.

The "**Cycling**" Sets have been arranged after consultation with a well-known Photo-Cyclist.

The "**Engineer's**" sets are designed to meet the requirements of the Engineer and Architect desiring a permanent record of works in progress and machinery.

The "**Traveller's**" sets are arranged for the special purpose of meeting the requirements of Travellers exposed to varying climatic influences.

No. 1. "**Nonpariel**" set comprises a Quarter-plate Camera, Lens, Double Dark Slide, Focussing cloth and Eyepiece, and portable Tripod Stand, all (excepting the Stand Legs) fitted into a Waterproof Sling Case. The Dry Plates, Developing and Printing Materials and apparatus, are carefully packed in a stained and polished Travelling Case, with Book of Instructions.

£2 : 15 : 0

No. 2. "**Cycling**" Set comprises a "Cycling" Camera with three Double Dark Slides, Superior Achromatic Lens, with Rack and Pinion adjustment, a Tripod Stand, or Cycling Clip, Focussing Cloth and Eye Piece, in a Waterproof Sling Case. For plates  $4\frac{1}{4} \times 3\frac{1}{4}$ .

£3 : 3 : 0

No. 2a. **Travelling Case** containing Plates, Developing and Printing Materials, and Apparatus for the above.

£1 : 5 : 0

No. 3. "**Cycling**" Set for plates,  $6\frac{1}{2} \times 4\frac{3}{4}$ .

£5 : 10 : 0

No. 3a. **Travelling Case** containing Plates, Developing and Printing Materials and Apparatus for the above.

£2 : 2 : 0

NOTE.—The Cameras in these Sets are free from the objection of being in separate parts. The Base Board is simply hinged, and requires only to be turned down and bolted.

No. 4. **The Yachting or Instantaneous** Set, comprises an Instantaneous Camera, with three Double Dark Slides, Instantaneous View Lens, with Tripod Stand or Clip, Focussing Cloth and Eyepiece, in Canvas Case For Plates  $4\frac{1}{4} \times 3\frac{1}{4}$ .

£3 : 10 :

No. 4a. **Travelling Case** containing Plates, Developing and Printing Materials, and Apparatus for  $4\frac{1}{4} \times 3\frac{1}{4}$ .

£1 : 5 : 0

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## Horne, Thornthwaite & Wood,

No. 5. **The Yachting or Instantaneous Set.** For Plates  
 $6\frac{1}{2} \times 4\frac{3}{4}$

£6: 0: 0

No. 5a. **Travelling Case** containing Plates, Developing and Printing  
 Materials, and Apparatus,  $6\frac{1}{2} \times 4\frac{3}{4}$

£2: 2: 0

No. 6. **The Engineer's or Traveller's Set** Comprises Portable Tourist  
 Camera with three Double Dark Slides, a Rectilinear Lens, Tripod  
 Stand, Focussing Cloth and Eyepiece, in Solid Leather Sling Case.

For Plates  $4\frac{1}{4} \times 3\frac{1}{4}$

£9: 9: 0

No. 6a. **Travelling Case** containing Plates, Developing and Printing  
 Materials, and Apparatus for above

£4: 5: 0

No. 7. **The Engineer's Set.** For Plates  $6\frac{1}{2} \times 4\frac{3}{4}$

£11: 0: 0

No. 7a. **Travelling Case** containing Plates, Developing and Printing  
 Materials, and Apparatus for above

£5: 5: 0

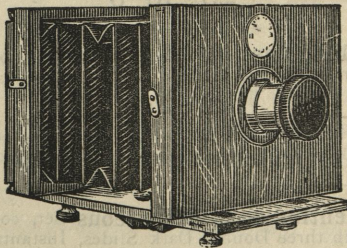
No. 8. **The Engineer's Set.** For Plates  $8\frac{1}{2} \times 6\frac{1}{2}$

£16: 16: 0

No. 8a. **Travelling Case** containing Plates, Developing and Printing  
 Materials, and Apparatus for above

£7: 10: 0

### THE GUINEA CAMERA.



4001 This Camera is of French Polished Mahogany, Bellows Body,  
 Achromatic Lens, Double Dark Slide, for taking two pictures  $4\frac{1}{4} \times 3\frac{1}{4}$ ,  
 and Portable Tripod Stand. Price complete ... .. 1 1 0

4001a Extra Double Dark Slides 5s. 6d. each.

4001b **Developing Set** comprising a Packet of Plates, full supply  
 of Chemicals, and Non-Actinic Lamp, for developing pictures taken  
 with the above, in Wooden Box, and Book of Instructions... 0 6 6

416, Strand, London, W.C.



## E. G. Wood,

4001c **Printing Set** with full supply of Chemicals, Sensitive Paper, and Accessories, in Wooden Box ... .. £0 6 6

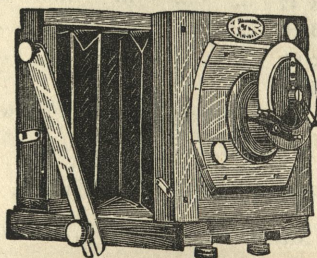
### THE CYCLING CAMERAS.

The "**Cycling**" Cameras are of French Polished Mahogany, having a Bellows-body, and Rising Front, Hinged Focussing Screen, in Reversible Frame, for taking pictures either Vertically or Horizontally, Folding Base Board and Sliding Adjustment. Superior Lens with Rack and Pinion, and Double Dark Slide. Either a Portable Tripod Stand, or a Cycle Clip, is included in the price\*

4004	For Plates $4\frac{1}{2} \times 3\frac{1}{4}$ ... ..	£1 17 6
	Extra Double Dark Slide ... ..	0 7 6
4005	For plates $6\frac{1}{2} \times 4\frac{3}{4}$ ... ..	3 3 0
	Extra Double Dark Slides ... ..	0 12 6

\* The above Cameras are very easily set up—the base board only requires to be unhinged and bolted, and there are no loose parts.

### THE "INSTANTANEOUS" CAMERAS.



Consist of a Superior French Polished Mahogany Bellows-body Camera, having screw adjustment for Focussing, Swing Back, Vertical and Horizontal Sliding Front, One Hinged Double Back, Achromatic View Lens with Instantaneous Shutter, and Set of Rotating Stops, and Mahogany Tripod Portable Stand, or a Cycle Clip.

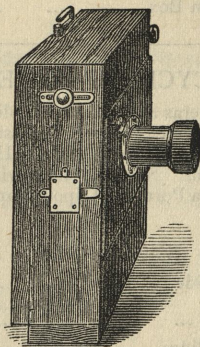
4007	For Plates $4\frac{1}{2} \times 3\frac{1}{4}$ , complete... ..	£2 2 0
	Extra Double Back ... ..	0 7 6
4008	For Plates $6\frac{1}{2} \times 4\frac{3}{4}$ complete... ..	4 4 0
	Extra Double Back ... ..	0 12 6
4009	For Plates $8\frac{1}{2} \times 6\frac{1}{2}$ complete... ..	6 6 0
	Extra Double Back ... ..	1 0 0
4010	Inner frames, or "Carriers," to hold smaller plates are supplied to the half-plate Camera for 1s. 6d.	
4011	Ditto for whole Plate Camera... ..	0 2 6

**74, Cheapside, London, E.C.**



## Horne, Thornthwaite & Wood,

### PORTABLE TOURIST CAMERAS.



**Polished Mahogany Camera**, with Double Rising Front, Double Swing, Folding Base Board, Leather Bellows, Rack Focussing Adjustment, Swing Back, and Three Hinged Double Backs.

4021	For Plates $4\frac{1}{4} \times 3\frac{1}{4}$	...	...	...	...	...	£4 15 0
	Extra Double Back	...	...	...	...	...	0 14 0
4022	For Plates $6\frac{1}{2} \times 4\frac{3}{4}$	...	...	...	...	...	5 15 6
	Extra Double Back	...	...	...	...	...	0 17 6
4023	For Plates $8\frac{1}{2} \times 6\frac{1}{2}$	...	...	...	...	...	7 7 0
	Extra Double Back	...	...	...	...	...	1 1 0

Extra cost of Brass Binding see below.

### PORTABLE CAMERAS.

*Highest Quality. Medal awarded 1885, Inventions Exhibition.*

**French Polished Mahogany Camera**, with Leather Bellows, Vertical and Horizontal Sliding Fronts, Swing Back, Rack and Pinion Adjustment, and three best hinged Double Dark Slides.

In the manufacture of these Cameras the very best workmanship and material have been employed, and they are provided with the latest improvements, so that for lightness and rigidity they cannot be surpassed.

	For Plates	Camera and 3 Backs Single Swing	Camera and 3 Backs Double Swing	Brass Binding extra	Double Dark Backs
4031	$4\frac{1}{4} \times 3\frac{1}{4}$	£5 10 0		£1 10 0	£0 18 0
4032	$6\frac{1}{2} \times 4\frac{3}{4}$	7 5 0	7 17 6	1 10 0	1 2 0
4033	$8\frac{1}{2} \times 6\frac{1}{2}$	8 15 0	9 12 6	1 10 0	1 5 0
4034	10 " 8	10 10 0	11 10 0	1 15 0	1 12 0
4035	12 " 10	12 10 0	13 15 0	2 2 0	2 0 0

Brass Binding to Backs, 4/6 each extra.

**416, Strand, London, W.C.**



## E. G. Wood,

### LONG FOCUS CAMERAS.

**Long-Focus Square Cameras,** Highest Quality, with Double Swing Back working on a central pivot, with Improved Carriage, which cannot alter its position. Reversible Holder and Spring Catch. The Dark Slides are fitted with a New Lock.

This Camera is undoubtedly the most perfect instrument in the market.

	For Plates	Camera and 3 Backs	Brass Binding	Locked Backs
4036	$4\frac{1}{4} \times 3\frac{1}{4}$	£8 0 0	£1 10 0	£1 1 0
4037	$6\frac{1}{2} \text{ " } 4\frac{3}{4}$	10 16 0	1 10 0	1 5 6
4038	$8\frac{1}{2} \text{ " } 6\frac{1}{2}$	12 15 0	1 10 0	1 11 6
4039	10 " 8	14 0 0	1 15 0	1 15 6
4040	12 " 10	18 10 0	2 2 0	2 5 0
4041	15 " 12	23 0 0	2 15 0	3 0 0

**Long Focus Cameras, Medium quality.** These Cameras are well made, and will be found very efficient. They are provided with a rising front and central screw adjustment. The prices include three Double Hinged Backs.

	For Plates					Double Dark Backs.
4042	$4\frac{1}{4} \times 3\frac{1}{4}$	...	...	£4 10 0	...	£0 10 6
4043	$6\frac{1}{2} \text{ " } 4\frac{3}{4}$	...	...	5 10 0	...	0 14 0
4044	$8\frac{1}{2} \text{ " } 6\frac{1}{2}$	...	...	7 7 0	...	0 18 6
4045	10 " 8	...	...	9 9 0	...	1 5 0

### ENLARGING, COPYING AND REDUCING CAMERAS.

Mahogany Body and Leather Bellows, including Lens.

4046	from $3\frac{1}{4}$ square to $8\frac{1}{2} \times 6\frac{1}{2}$ and under	...	...	£6 6 0
4047	" 10 " 8 "	...	...	8 8 0
4048	" 12 " 10 "	...	...	10 10 0

Cheap form, ditto, Twill Bellows, including Lens.

4049	from $3\frac{1}{4}$ square to $8\frac{1}{2} \times 6\frac{1}{2}$ and under	...	...	4 10 0
4050	" 10 " 8 "	...	...	6 10 0
4051	" 12 " 10 "	...	...	8 10 0

### CONDENSERS.

Double-Lens Condensers, for Enlarging.

Diameter	...	...	6 in.	7 in.	8 in.	9 in.	10 in.
Focus	...	...	$4\frac{1}{2}$ "	5 "	6 "	8 "	8 "
Prices	...	...	60/-	75/-	100/-	140/-	200/-

### STEREOSCOPIC CAMERAS.

4052	With Mahogany Sliding Body, rising front, and one Double Dark Slide	...	...	...	...	£4 10 0
	Extra Double Back	...	...	...	...	1 2 6

**74, Cheapside, London, E.C.**



## Horne, Thornthwaite & Wood,

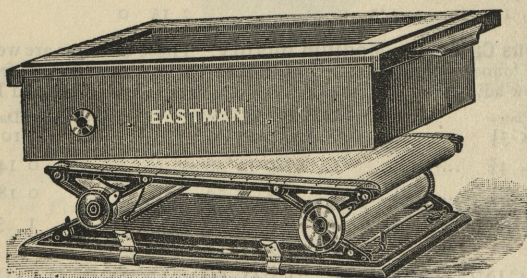
### MICRO-PHOTOGRAPHIC CAMERA.

For Enlarging Microscopic Objects up to  $4\frac{1}{4} \times 3\frac{1}{4}$ , and making Micro-Photographs.

4053	Micro-Photographic Camera as above, without objective...	£6 6 0
4053a	One inch Objective for the above ... ..	1 10

N.B. Ordinary Microscope Objectives can be used with the above instrument.

### EASTMAN'S ROLL HOLDER.



*For 24 Exposures.*

Sizes in inches				Smallest dimensions to which these holders can be cut, in inches				
$3\frac{1}{4} \times 4\frac{1}{4}$	...	...	...	—	...	...	...	£2 0 0
$6\frac{1}{2} \text{ „ } 4\frac{3}{4}$	...	...	...	$6\frac{1}{4} \times 7\frac{5}{8}$	...	...	...	3 0 0
$6\frac{1}{2} \text{ „ } 8\frac{1}{2}$	...	...	...	$8\frac{1}{4} \text{ „ } 9\frac{3}{4}$	...	...	...	4 5 0
8 „ 10	...	...	...	$9\frac{1}{8} \text{ „ } 11\frac{1}{2}$	...	...	...	5 0 0

Moderate prices charged for fitting the above to existing Cameras.

### FILM CARRIERS AND ACCESSORIES.



These are designed for holding the cut sheets of negative paper during exposure in any ordinary dark slide.

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## E. G. Wood,

### *Film Carriers for dry plate slides.*

Sizes									
3 $\frac{1}{4}$	$\times$ 4 $\frac{1}{4}$	...	...	...	...	...	...	...	12/- per dozen.
4	" 5	...	...	...	...	...	...	...	15/- "
4 $\frac{3}{4}$	" 6 $\frac{1}{2}$	...	...	...	...	...	...	...	16/- "
6 $\frac{1}{2}$	" 8 $\frac{1}{2}$	...	...	...	...	...	...	...	21/- "

### *Vulcanite sheets for drying Paper negatives on Exact size.*

Sizes									
9	$\times$ 7	...	...	...	...	...	...	...	1/6
13	" 11	...	...	...	...	...	...	...	2/6
Squeegees 8 in.		...	...	...	...	...	...	...	2/-
" 12 in.		...	...	...	...	...	...	...	3/-
Extra Keys		...	...	...	...	...	...	...	1/6
" Reels		...	...	...	...	...	...	...	3/6
Sample Negatives		...	...	...	...	...	...	...	1/-

For further particulars see descriptive paper.

### CASES.

**Cases** with Sling Strap or Handle, to contain Camera, 3 Double Dark Slides, Focussing Cloth, and Eyepiece and Tripod Head.

Sizes	Leather		Leather		Waterproof Bags *
	1st quality		2nd quality		
4054	4½ × 3¼	£1 5 0	£0 15 0		£0 5 6
4055	6½ „ 4¾	1 11 6	1 0 0		0 8 0
4056	8½ „ 6½	2 2 0	1 5 0		0 10 6

\* For the Better quality Cameras the prices for Waterproof Cases are the same as for 2nd quality leather.

**Boxes, Travelling,** Stained and Varnished, to contain Camera, Dark Slides, Lens, an average quantity of Chemicals and Accessories, fitted to order.

4061	4 $\frac{1}{4}$ $\times$ 3 $\frac{1}{4}$	...	...	...	...	...	about	£0 17 6
4062	6 $\frac{1}{2}$ " 4 $\frac{3}{4}$	...	...	...	...	...	"	1 5 0
4063	8 $\frac{1}{2}$ " 6 $\frac{1}{2}$	...	...	...	...	...	"	1 10 0

### CAMERA STANDS.

4071.—**"The Special"**—Best Portable Tripod Stand, Polished Mahogany, Folding Legs, attached Stretchers, Collapsing Triangle Head and Screw. No loose pieces; extra light and steady.

For Cameras 6 $\frac{1}{2}$   $\times$  4 $\frac{3}{4}$  and under ... .. £1 7 6

4072 Ditto 10 " 8 " ... .. 1 15 0

**74, Cheapside, London, E.C.**



# Horne, Thornthwaite & Wood,

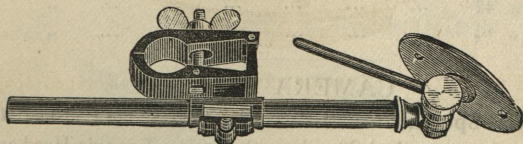
## CAMERA STANDS—(continued).

Referring to the above Stand, the *British Journal of Photography* says :  
 "One of the most ingenious and at the same time one of the most rigid  
 Tripod Stands hitherto seen."

4073	<b>Folding Ash Tripod</b> with 4-in. Brass Triangle Head...	£0 17 6
4074	Ditto ditto 5-in. Head ... ..	1 0 0
4075	Ditto ditto 8-in. " ... ..	1 7 6
The legs of the above Stand lock, and <i>cannot collapse</i> by a jar or kick after being set up.		
4079	<b>"Uneven Ground" Stand</b> , French Polished, Sliding Legs, adjust- able to almost any height without spreading, not heavy, brass bound, Wooden Head 4-in. ... ..	0 18 6
4080	Ditto 6-in. ... ..	1 1 0
4081	Ditto 7-in. ... ..	1 7 6
4082	<b>Portmanteau " Stand</b> folding up twice to the length of a small "Gladstone" Bag or Tourist Knapsack. Specially suitable for $\frac{1}{2}$ -plate Cameras and under, and capable of carrying a $\frac{1}{4}$ -Plate in still weather ... ..	1 0 0
4083	<b>The "Maudsley" Sliding Leg Stand</b> , with 4-in Head...	1 1 0
4084	Ditto ditto 6-in " ...	1 3 6
4085	Ditto ditto 8-in " ...	1 10 0
4090	<b>Cheap Stand</b> , White Wood, for $6\frac{1}{2} \times 4\frac{3}{4}$ and under ...	0 9 6
4091	<b>Studio Stand</b> , French Polished Oak or Ash, constructed to meet all the requirements of the operator. The Screw Movements are smooth and wear-resisting, and it forms a handsome and substantial accessory ... ..	5 10 0
4092	Ditto ditto cheaper make ... ..	3 3 0
4093	<b>The "Amateur" Studio Stand</b> , in White Wood, well constructed ... ..	1 2 6

New patterns frequently being added to stock.

## CYCLE CLIP.



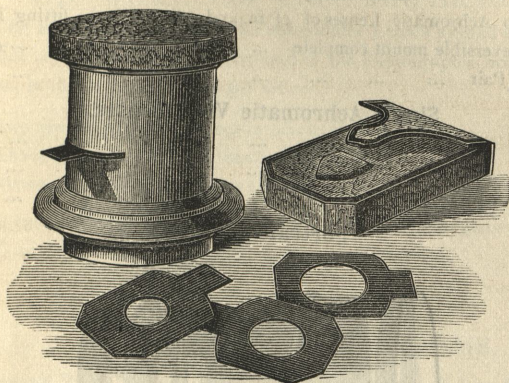
4100	To fit any size Wheel, for $4\frac{1}{4} \times 3\frac{1}{4}$ Camera ... ..	£0 7 6
4101	" " $6\frac{1}{2} \times 4\frac{3}{4}$ " ... ..	0 10 6
4102	" " $8\frac{1}{2} \times 6\frac{1}{2}$ " ... ..	0 15 6

416, Strand, London, W.C.



E. G. Wood,

LENSES.

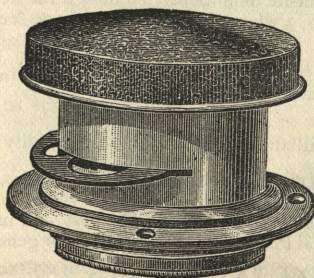


**Quick-acting Rectilinear Doublets** for Instantaneous Views, Groups, Interiors, and Copying.

With the smallest stop they will cover the next size larger plate.

With Waterhouse Diaphragms.

4151	$4\frac{1}{4} \times 3\frac{1}{4}$	...	...	...	...	...	...	...	...	£1 17 6
4152	$6\frac{1}{2} \text{ ,, } 4\frac{3}{4}$	...	...	...	...	...	...	...	...	2 17 6
4153	$8\frac{1}{2} \text{ ,, } 6\frac{1}{2}$	...	...	...	...	...	...	...	...	4 17 6
4154	10 ,, 8	...	...	...	...	...	...	...	...	7 10 0
4155	12 ,, 10	...	...	...	...	...	...	...	...	8 10 0
4156	15 ,, 12	...	...	...	...	...	...	...	...	10 15 0
4157	18 ,, 16	...	...	...	...	...	...	...	...	13 0 0



**Wide Angle Portable Symmetrical Lens** for confined spaces and interiors. Although of very wide angle, the correction for flare and distortion is nearly perfect.

With Revolving Diaphragm.

4158	$4\frac{1}{4} \times 3\frac{1}{4}$	...	...	...	...	...	...	...	£2 2 0
4159	$6\frac{1}{2} \text{ ,, } 4\frac{3}{4}$	...	...	...	...	...	...	...	3 3 0
4160	$8\frac{1}{2} \text{ ,, } 6\frac{1}{2}$	...	...	...	...	...	...	...	5 0 0

74, Cheapside, London, E.C.



## Horne, Thornthwaite & Wood,

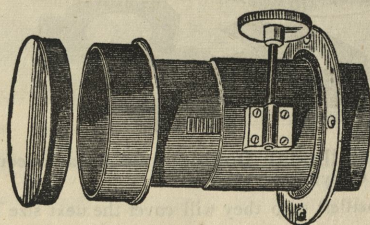
### Stereoscopic View Lenses.

4160a	Two Achromatic Lenses of $4\frac{1}{4}$ in. and $5\frac{1}{4}$ in. focus fitting into one reversible mount complete	...	...	...	...	£2 5 0
4160b	Per Pair	...	...	...	...	4 4 0

### Single Achromatic View Lenses.

4161	$4\frac{1}{4} \times 3\frac{1}{4}$	...	...	...	...	...	0 10 6
4162	$6\frac{1}{2}$ „ $4\frac{3}{4}$	...	...	...	...	...	0 17 6
4163	$8\frac{1}{2}$ „ $6\frac{1}{2}$	...	...	...	...	...	1 7 6

### Portrait Lenses.



Double Achromatic, with Rack and Pinion adjustment, and set of Diaphragms

4164	Carte de Visite or $4\frac{1}{4} \times 3\frac{1}{4}$	...	...	...	...	£1 12 6
4165	Cabinet „ $6\frac{1}{2}$ „ $4\frac{3}{4}$	...	...	...	...	3 10 0
4166	Promenade „ $8\frac{1}{2}$ „ $6\frac{1}{2}$	...	...	...	...	8 10 0

### LENSES BY ROSS.

**Quick-acting C.-D.-V. Lenses.** These lenses give very rapid results with brilliancy and exquisite definition. To obtain the best results it is desirable to use the No. 3 when the Studio exceeds 20 feet in length.

Nos.	...	...	1	2	3
Focus	...	...	$4\frac{1}{2}$ -in	$4\frac{3}{4}$ -in.	6 in
Price	...	...	£5 15 0	£6 10 0	£11 10 0

Brilliant definition and great rapidity.

**Rapid Symmetrical Lenses** for Groups, Views, Interiors, and every kind of Outdoor Photography. The Rapid Symmetricals, being aplanatic, work with full aperture, and are, perhaps, the best and most useful Lenses an Amateur or Professional Photographer can possess for general outdoor purposes.

Views	$3 \times 3$	$4\frac{1}{4} \times 3\frac{1}{4}$	$5 \times 4$	$6 \times 5$	$8 \times 5$	$8\frac{1}{2} \times 6\frac{1}{2}$	$9 \times 7$	$10 \times 8$	$12 \times 10$	$13 \times 11$
Groups	Stero.	$4\frac{1}{4} \times 3\frac{1}{4}$	$5 \times 4$	$7\frac{1}{4} \times 4\frac{1}{2}$	$8 \times 5$	$8\frac{1}{2} \times 6\frac{1}{2}$	$9 \times 7$	$10 \times 8$	$12 \times 10$	
Focus	3in.	$4\frac{1}{2}$ in.	6in.	$7\frac{1}{2}$ in.	9in.	$10\frac{1}{2}$ in.	12in.	14in.	16in.	18in.
Prices	£3 10	£4	£4 5	£5 5	£5 15	£6 10	£7 10	£8 10	£10 10	£11 10

Etc., etc., etc.

10 % Discount allowed for Cash with order off Prices of Ross Lenses.

416, Strand, London, W.C.



## E. G. Wood,

### THE STANDARD UNIT DIAPHRAGMS.

The Existing Diaphragms of Photographic Lenses altered and numbered exact accordance with the standard of the Photographic Society of Great Britain, at the following prices per set :—

	s.	d.
Any size lens up to 2 inches in diameter ... ..	6	0
Above 2 inches and not exceeding $2\frac{1}{2}$ inches ... ..	7	6
Above $2\frac{1}{2}$ inches and under $3\frac{1}{2}$ inches ... ..	10	6

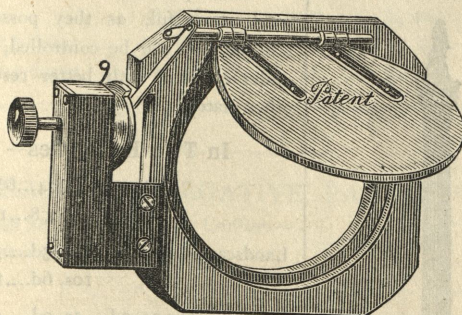
In cases when a new stop has to be supplied to complete the series, 1s., 1s. 3d., or 1s. 6d. should be added to the above prices.

### WATERHOUSE DIAPHRAGMS.

Portrait Lens Mounts cut and fitted with set of four Standard Unit Diaphragms, in case :—

	s.	d.
$\frac{1}{4}$ plate ... ..	10	6
$\frac{1}{2}$ " ... ..	12	6
$\frac{1}{1}$ " ... ..	15	0

### INSTANTANEOUS SHUTTERS.



- 4171 **The "Economic"**—a very rapid and compact snap shutter. May be carried in the vest pocket ; recommended for Races, Express Trains, &c., for Hoods of diameter,  $1\frac{1}{2}$  in. 18s. 6d., and 2 in. 21s.
- 4172 **The "Phantom" Shutter** adapted to Lenses with Hood—  
Of diameter of Hood  $1\frac{1}{2}$  in. 16s. 6d. 2 in. 21s.  $2\frac{1}{2}$  in. 25s.
- 4173 **Pneumatic Ball and Tube** ... .. extra 6s. 6d.



## Horne, Thornthwaite & Wood,

- 4174 **White's Shutter.**—This new Shutter is the most simple and efficient that has been designed. It allows the longest exposure to the foreground of the picture ; it has one point of absolute rest for exposure, and may be used either with or without the Pneumatic Ball and Tube.

For Hoods of diameter,  $1\frac{1}{2}$  in. 12s., 2 in. 16s.,  $2\frac{1}{2}$  in. 20s.

Pneumatic Ball and Tube extra, 5s.

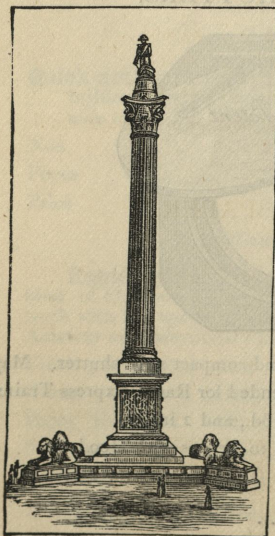
- 4175 **New Drop Shutter** allowing prolonged exposures, if desired. Very useful for all purposes except races and trains. Complete with Pneumatic Ball and tube. For Hoods of diameter  $1\frac{1}{2}$  in. 21s., 2 in. 25s.,  $2\frac{1}{2}$  in. 32s. 6d.
- 4176 **The "Cheap" Drop shutter**, polished mahogany. For Hoods of diameter  $1\frac{1}{2}$  in. 7s. 6d., 2 in. 8s. 6d.,  $2\frac{1}{2}$  in. 10s.

### ENLARGING LANTERNS.

**Enlarging Lanterns** fitted with Condenser, Paraffin Lamp and Achromatic Objective.

- |      |   |     |     |     |     |         |
|------|---|-----|-----|-----|-----|---------|
| 4190 | With 5 in. Condenser...   | ... | ... | ... | ... | £3 10 0 |
| 4191 | " 6 in. " and $\frac{1}{2}$ Plate Objective...                              | ... | ... | ... | ... | 6 6 0   |
| 4196 | Highly finished and most complete Enlarging Apparatus, with 5 in. Condenser | ... | ... | ... | ... | 8 8 0   |
| 4197 | Ditto ditto 7 in. ditto   | ... | ... | ... | ... | 12 0 0  |

### WOOD'S "TRAFALGAR" DRY PLATES.



These plates in the hands of amateurs are most successful, as they possess enormous latitude, and can be controlled, when over or under exposed, with better results than any other plates.

#### In Two Rapidities—

$$4\frac{1}{2} \times 3\frac{1}{4} \dots 5 \times 4 \dots 6\frac{1}{2} \times 4\frac{3}{4} \dots 8\frac{1}{2} \times 6\frac{1}{2} \\ 10 \times 8 \dots 12 \times 10$$

Landscape ... 1s. 6d....2s. 3d....3s. 6d....6s. od.  
ros. 6d....15s. od.

Instantaneous 2s. od....3s. od....4s. 6d....8s. 6d.  
12s. 6d....21s. od.

*Trafalgar Plates*, specially prepared for use in hot climates to order.

Intermediate Sizes to Order.

Instructions for Manipulation on each Packet.



## E. G. Wood,

### TRAFALGAR LANTERN TRANSPARENCY PLATES.

These Plates are very easy to manipulate, and enable the tourist to prepare slides for the Optical Lantern; so that views taken on a summer tour may be thrown upon the screen, and afford infinite satisfaction both to the tourist and to friends during the long winter evenings.

**Trafalgar Chloride Set.**—1 Dozen Plates,  $3\frac{1}{4} \times 3\frac{1}{4}$ , with Chemicals, Glasses, Instructions, &c., for producing Finished Slides, 12s. 6d.

**Plates per doz. 1s. 6d., by post, 1s. 9d.**

Larger sizes Coated to order.      Special Pressure Frame, 5s.

### PLATES BY OTHER MAKERS.

	$4\frac{1}{4} \times 3\frac{1}{4}$	$5 \times 4$	$6\frac{1}{2} \times 4\frac{3}{4}$	$8\frac{1}{2} \times 6\frac{1}{2}$	$10 \times 8$	$12 \times 10$
Britannia	1s. 6d.	2s. 0d.	3s. 0d.	5s. 6d.	10s. 6d.	15s. 0d.
(rapid)						
Edwards'	2s. 3d.	3s. 0d.	4s. 6d.	8s. 0d.	12s. 0d.	21s. 0d.
England's	2s. 0d.	3s. 0d.	5s. 0d.	8s. 6d.	14s. 0d.	20s. 6d.
Fry's 20	1s. 8d.	1s. 10d.	4s. 0d.	7s. 6d.	12s. 0d.	17s. 6d.
Paget's 30	2s. 0s.	3s. 0d.	4s. 6d.	8s. 6d.	12s. 6d.	13s. 0d.
Wrattan's	2s. 6d.	3s. 6d.	5s. 6d.	1s. 0d.	15s. 0d.	22s. 0d.
Do. Ord.	2s. 4d.	3s. 4d.	5s. 3d.	10s. 0d.	13s. 6d.	18s. 6d.

### OPAL PLATES (SENSITIZED).

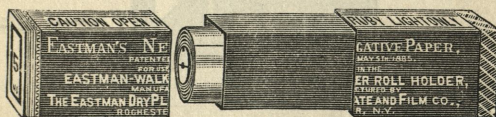
	$4\frac{1}{4} \times 3\frac{1}{4}$	...	$6\frac{1}{2} \times 4\frac{3}{4}$	...	$8\frac{1}{2} \times 6\frac{1}{2}$	
Per $\frac{1}{2}$ dozen	...	3s. od.	...	5s. od.	...	8s. 6d.
Per $\frac{1}{4}$ dozen	...	1s. 9d.	...	3s. od.	...	4s. 9d.

**Postage.**—In remitting for plates the price of postage or carriage should be included.

### EASTMAN NEGATIVE PAPER.

**Cut Sheets** for use in the Film Carriers—

$3\frac{1}{4} \times 4\frac{1}{4}$	two dozen in box packed flat	...	...	...	...	£0 2 6
4	" 5	"	"	"	...	0 3 6
$4\frac{3}{4}$	" $6\frac{1}{2}$	"	"	"	...	0 5 6
$6\frac{1}{2}$	" $8\frac{1}{2}$	"	"	"	...	0 10 0
8	" 10	"	"	"	...	0 14 0
10	" 12 one dozen in box	...	...	...	...	0 10 6



**74, Cheapside, London, E.C.**



# Horne, Thornthwaite & Wood,

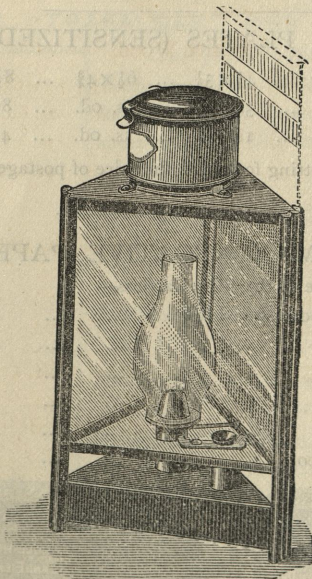
Spools to fit the Eastman Walker Roll holder—

3 $\frac{1}{4}$ inch for	24	3 $\frac{1}{4}$ × 4 $\frac{1}{2}$ exposures	...	...	... £0 3 0
4 "	"	4 " 5 "	...	...	... 0 4 0
4 $\frac{3}{4}$ "	"	4 $\frac{3}{4}$ " 6 $\frac{1}{2}$ "	...	...	... 0 6 6
5 "	"	5 " 8 "	...	...	... 0 8 0
6 $\frac{1}{2}$ "	"	6 $\frac{1}{2}$ " 8 $\frac{1}{2}$ "	...	...	... 0 11 0
8 "	"	8 " 10 "	...	...	... 0 16 0

## DISHES.

	For Plates.	Vulcanite. Slight ribs on bottom.	Porcelain.	Ditto, deep.
4236	3 $\frac{1}{4}$ × 3 $\frac{1}{4}$ ...	... £0 0 7 ...	... £0 0 0 ...	... £0 0 0
4237	4 $\frac{1}{4}$ " 3 $\frac{1}{4}$ ...	... 0 0 8 ...	... 0 0 7 ...	... 0 0 8
4238	5 " 4 ...	... 0 0 10 ...	... 0 0 8 ...	... 0 0 10
4239	6 $\frac{1}{2}$ " 4 $\frac{3}{4}$ ...	... 0 1 0 ...	... 0 0 8 ...	... 0 1 0
4240	8 $\frac{1}{2}$ " 6 $\frac{1}{2}$ ...	... 0 2 0 ...	... 0 1 0 ...	... 0 1 2
4241	10 " 8 ...	... 0 3 0 ...	... 0 1 3 ...	... 0 1 6
4242	12 " 10 ...	... 0 4 0 ...	... 0 2 0 ...	... 0 3 6
4243	15 " 12 ...	... 0 7 6 ...	... 0 6 6 ...	... 0 9 0

## NON-ACTINIC LANTERNS.



4250	Candle	...	...	... £0 3 0
4251	Oil	...	...	... 0 2 0

416, Strand, London, W.C.

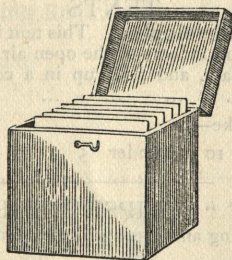


## E. G. Wood,

### NON-ACTING LANTERNS—(Continued).

4252	Folding-pocket	...	...	...	...	...	£0	4	6
4253	Ditto	Large size	...	...	...	...	0	7	6
4254	Extra light, each	...	...	...	...	2d. and	0	0	4
4255	"Perfection" Paraffin	...	...	...	...	...	0	10	6
4256	H. T. & W.'s Square Lantern for Oil, having three panes of Ruby Glass. Strongly recommended...	...	...	...	...	...	0	4	6

### PLATE BOXES.



#### White Wood.

		$4\frac{1}{2} \times 3\frac{1}{4}$	$5 \times 4$	$6\frac{1}{2} \times 4\frac{3}{4}$	$8\frac{1}{2} \times 6\frac{1}{2}$	$10 \times 8$	$12 \times 10$
4325	12 Grooves...	1s. 3d.	1s. 9d.	2s. 0d.	2s. 6d.	4s. 0d.	5s. 0d.
4326	24    "    ...	1s. 9d.	2s. 3d.	2s. 6d.	3s. 3d.	5s. 0d.	6s. 0d.
4327	50    "    ...	2s. 3d.	2s. 6d.	3s. 0d.	4s. 6d.	6s. 0d.	8s. 6d.

Other sizes to order.

#### Cardboard. Fitted with metallic grooving.

		$4\frac{1}{2} \times 3\frac{1}{4}$	$5 \times 4$	$6\frac{1}{2} \times 4\frac{3}{4}$	$8\frac{1}{2} \times 6\frac{1}{2}$
4328	12 Grooves, each...	...	os. 6d.	os. 7d.	os. 8d.
	"    per dozen	...	5s. 6d.	6s. 6d.	7s. 6d.

#### Light, tight, with sliding lid, stained wood, 12 grooves.

		$4\frac{1}{2} \times 3\frac{1}{4}$	$5 \times 4$	$6\frac{1}{2} \times 4\frac{3}{4}$	$8\frac{1}{2} \times 6\frac{1}{2}$
4334	...    "    "    "    "    "	...	3s. 6d.	4s. 0d.	4s. 6d.
4335	Lock and key, 1s. 6d. extra.	...	...	...	7s. 6d.

#### Light, tight, French polished, mahogany or walnut, with lock and key.

		$4\frac{1}{2} \times 3\frac{1}{4}$	$5 \times 4$	$6\frac{1}{2} \times 4\frac{3}{4}$	$8\frac{1}{2} \times 6\frac{1}{2}$	$10 \times 8$
4340	12 Grooves	6s. 0d.	7s. 0d.	8s. 0d.	10s. 6d.	14s. 0d.
4341	24    "    "	8s. 0d.	9s. 0d.	10s. 0d.	12s. 0d.	16s. 6d.

**74, Cheapside, London, E.C.**



4361	<b>Scales and Weights</b> , with steel beam, set of weights from 2 drams to $\frac{1}{2}$ -grain, brass pans, in oak box ... ..	£0	2	6
4362	Superior beam, weights, glass pans, in oak box ... ..	0	3	6
4363	<b>Bench Scales</b> , without chains or cords, having pans (one removable), balanced from beneath, with set of weights $\frac{1}{4}$ -oz. to 1-lb. ... ..	0	15	9
4365	<b>Stand Scales</b> , oval box-end, steel beam, with weights, brass pillar and glass movable pan, fitting into drawer of polished mahogany stand ... ..	1	16	
4370	Set of 3 weights, $\frac{1}{4}$ -oz., $\frac{1}{2}$ -oz., and 1-oz. ... ..	0	0	6
4371	Do. grain weights, $\frac{1}{2}$ -gr. to 100 grs. ... ..	0	1	6

4385 **Tent, Portable Developing.** This tent is so devised that it may be fitted up indoors or the open air. It stands 6 ft. high, is 3 ft. square, and folds up in a compact form for travelling ... .. 4 5

4386 **Tent, Special Make—**

For plates 12 × 10 and under	5	5	0	Extra strong ...	6	6	0
------------------------------	---	---	---	------------------	---	---	---

Opening and closing like an Umbrella.

- |      |                             |   |    |   |
|------|-----------------------------|---|----|---|
| 4387 | For changing plates .. .. . | I | 5  | 0 |
| 4388 | " and developing .. .. .    | I | 15 | 0 |

- |      |  |     |     |     |         |
|------|--|-----|-----|-----|---------|
| 4390 | For $8\frac{1}{2} \times 6\frac{1}{2}$ plates and under, adjustable      | ... | ... | ... | £0 10 0 |
| 4391 | For 12 " 10 " "  | ... | ... | ... | 0 14 6  |
|      | Ditto not adjustable, for 50, each $\frac{1}{4}$ and $\frac{1}{2}$ plate | ... | ... | ... | 0 18 6  |
| 4392 | For $4\frac{1}{4} \times 3\frac{1}{4}$ plates only...                    | ... | ... | ... | 0 7 6   |
| 4393 | Do. $6\frac{1}{2}$ " $4\frac{1}{4}$ ditto                                | ... | ... | ... | 0 8 6   |
| 4394 | Do. $8\frac{1}{2}$ " $6\frac{1}{2}$ ditto                                | ... | ... | ... | 0 9 6   |

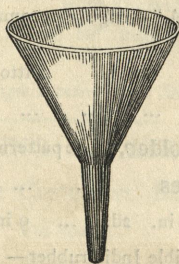
**416, Strand, London, W.C.**



# E. G. Wood,

## PHOTOGRAPHIC SUNDRIES.

4400	Background, drab cloth, 2 yards square	...	...	...	£1	1	0
4401	Ditto artistically painted, rustic interiors, &c., from	...	...	...	1	10	0
4402	Chamois Leather, selected	...	...	...	0	2	6
4403	Corundum Files	...	...	...	0	0	6 to 0 1 6
4404	Developing Cups, set of three, Glass	...	...	...	0	1	6
4405	Ditto Ditto Ebonite	...	...	...	0	2	6
4406	Dropping Bottles	...	...	...	0	1	6
4407	Ditto (small)	...	...	...	0	1	0
				12 Grooves.		24 Grooves.	
4408	Drying and Draining Rack, for Plates $6\frac{1}{2} \times 4\frac{3}{4}$	...	...	...	0	1	6
	and under	...	...	...	0	2	3
4409	Ditto ditto ditto $8\frac{1}{2} \times 6\frac{1}{2}$	...	...	...	0	2	6
	and under	...	...	...	0	3	6
4410	Diamonds, cutting	...	...	...	0	18	0 and 1 5 0
4411	Ditto writing	...	...	...	0	7	6 „ 0 12 6



### Funnels, Glass—

	Inches diameter	...	2	3	4	5	6	8
4413	Each	...	3d.	4d.	6d.	9d.	1s.	1s. 6d.

### Filter Papers ready cut—

	Inches diameter	...	...	6	$7\frac{1}{2}$	10	13
4414	Per Packet of 100	...	...	8d.	10d.	1s. 2d.	1s. 8d.

4415	Filter Paper	...	...	...	per quire	£0	1	0
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4416	Focussing Cloth.—Black Waterproof “Zephyr,” soft close-	...	...	...	...	...	...	...
	hanging and light-tight, $36 \times 30$	...	...	...	...	0	3	6

4417	Ditto Black Fabric	...	...	...	...	0	1	6
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4417a	Ditto Black Velvet	...	...	...	...	0	5	6
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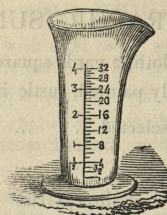
4418	Focussing Eye-piece, in lacquered brass	...	...	...	0	1	0
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4419	Ditto with clamping-ring	...	...	...	0	2	6
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4419a	Ditto Aplanatic—giving a remarkably flat field	...	...	...	0	4	6
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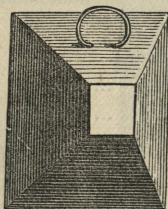


# Horne, Thornthwaite & Wood,



## Graduated Measures—

	2 dram.	1 oz.	2 oz.	5 oz.	10 oz.	20 oz.	40 oz.
4420	rod.	rod.	is.	is. 6d.	2s.	3s.	3s. 6d.
4421	Levels, brass and nickel-plated, from...				...	...	£0 2 0
4422	Ditto ditto circular pattern...				...	...	0 3 6
4423	Ditto ditto pocket, in boxwood case...				...	...	0 1 0
4423a	Non-Actinic Media, Ruby or Canary				...	per yard	0 1 6
4423b	Ditto Paper,				...	per sheet	0 0 2
4423c	Pipettes, set of 3, graduated to deliver $\frac{1}{4}$ or $\frac{1}{2}$ draw, and marked "P. B. & A."—Highly recommended for use in developing						...
						per set	0 2 0
						each	0 0 9
4423d	Plate-lifters				...	per pair	0 0 2
4424	Pneumatic Plate-holder, Globe pattern, solid India-rubber				...		0 3 6
4429a	Standard Negatives				...	each	0 0 9
4430	Stirring Rods...				6 in. 2d. ... 9 in. 3d. ... 12 in. 4d.		
4431	Water Bottles, flexible India-rubber—						
	3 quarts	10s. 6d.	...	4 quarts	15s. 6d.	...	8 quarts 1 2 6



4432	View Metres, correctly constructed in black japanned metal, each						...
							£0 1 6

In ordering, the equivalent focus and the size of plate the lens covers must be given, or the complete lens should be sent.

416, Strand, London, W.C.



## E. G. Wood,

### MATERIALS FOR PRODUCING LANTERN SLIDES.

4433	Box of Water Colors, containing 6 colors, brushes and varnish ... ..	0	2	6
4434	Ditto 10 colors ... ..	0	5	0
4435	Ditto 8 colors, better quality, in mahogany box	0	10	6
4436	Easel for painting slides upon ... ..	0	2	6
4437	Book on Slide Painting ... ..	0	1	0
4438	Glasses, $3\frac{1}{4} \times 3\frac{1}{4}$ , per gross ... ..	0	5	0
4439	Do. $4\frac{1}{4}$ " $3\frac{1}{4}$ do. ... ..	0	6	0
4440	Mats ... ..	0	0	6
4441	Do. ... ..	per gross	0	4
4442	Binding Paper... ..	per sheet	0	0
4443	Ditto gummed strips ... ..	per dozen	0	0
4444	Ditto ditto ... ..	per gross	0	2
4445	Lantern Transparencies made from Negatives... ..	each	0	2
4446	Ditto. from Engravings or Photographs	0	3	0
4427	Trafalgar Chloride Plates for making Lantern Transparencies ... ..	per dozen	0	1

*For full particulars of Magic Lanterns and Slides see separate Catalogue.*

### DEVELOPING EXPOSED PLATES.

(At Customers' Risk.)

			Per dozen.				Under a dozen.
$4\frac{1}{4} \times 3\frac{1}{4}$	...	...	0	4	6	...	0 0 6 each
$6\frac{1}{2}$ " $4\frac{3}{4}$	...	...	0	6	6	...	0 0 9 "
$8\frac{1}{2}$ " $6\frac{1}{2}$	...	...	0	8	6	...	0 1 0 "

The above prices are as low as possible for careful manipulation. It will be readily understood that it can be no easy task for an operator to develop plates the exposure of which he knows nothing.

### RETOUCHING.

The careful Retouching of a portrait negative very much enhances the beauty of the print. Many defects of the skin and hard facial furrows are removed and softened down. Defects in the film may also be remedied.

Full length C.-D.-V. ... .. 6d. Head and bust C.-D.-V. ... .. 1s.  
1 in. heads ... .. 1s. 6d.  $1\frac{1}{2}$  " ... .. 2s. 6d.

Special prices for groups and parcels of negatives.

**74, Cheapside, London, E.C.**



## Horne, Thornthwaite & Wood,

### PRINTING FROM CUSTOMERS' NEGATIVES.

H., T. & W. exercise every possible care in manipulating their customers' Negatives ; but they do not hold themselves responsible for breakage.

Prints from parcels of Negatives charged at the rate per dozen.

Cloud effects charged as "Vignettes."

Extra charges are made for cleaning, spotting-out holes in the film, or varnishing.

Size.	Per dozen.		Under half dozen.	
	s.	d.	s.	d.
Carte-de-Visite ... .. plain	2	0	...	0 2½ each.
Do. ... .. Vignette	2	6	...	0 3 "
¼-plate ... .. plain	2	6	...	0 3 "
Do. ... .. Vignette	3	0	...	0 3½ "
5 × 4 ... .. plain	3	6	...	0 4 "
Do. ... .. Vignette	4	0	...	0 4½ "
Cabinet or ½ plate ... .. plain	4	0	...	0 5 "
Do. ... .. Vignette	5	0	...	0 6 "
7½ × 5 ... .. plain	6	6	...	0 7 "
Do. ... .. Vignette	7	6	...	0 8 "
8½ × 6½ ... .. plain	7	6	...	0 8 "
Do. ... .. Vignette	8	6	...	0 9 "
10 × 8 ... .. plain	10	0	...	1 0 "

### ENLARGEMENTS.

Mounted on Card.

On Opal.

	s.	d.		s.	d.
12 × 10 ... .. 5 0	8½ × 6½	...	...	8	0
15 " 12 ... .. 7 6	10 " 8	...	...	10	0
20 " 16 ... .. 10 0	12 " 10	...	...	12	6

Frames, suitable for above, to order.

### MOUNTING, SPOTTING & ROLLING PRINTS.

			Per dozen.		Each.
			s.	d.	s. d.
Carte-de-Visite ... on plain cards	...	...	1	6	0 2
Do. ... bevelled "	...	...	2	0	0 2½
Cabinet ... plain "	...	...	2	6	0 3
Do. ... bevelled "	...	...	3	0	0 3½
½-plate, on 11½ × 9 ... plain	"	...	3	9	0 4
Do. 10 " 7½ Oxford	"	...	4	9	0 5
¼-plate, on 14 " 10½ plain	"	...	5	0	0 6
Do. 14 " 10½ Oxford	"	...	6	0	0 7

India, tinted, bordered cards, passepartout, and other mounts to order.\*

**416, Strand, London, W.C.**



## E. G. Wood,

### PHOTOGRAPHIC PAPERS.

							s.	d.
4450	<b>Albuminized Paper</b> , best quality only	...	...	...	...	per quire	7	6
4451	<b>New Ready Sensitized</b> , long keeping, prints rapidly, and yields more variety in tones than any other Ready Sensitized paper	...	...	...	...	per quire, pink	13	6
4452	Ditto	...	...	...	...	half-quire	7	0
4453	Ditto	...	...	...	...	quarter-quire	4	0
4454	Ditto	...	...	...	...	single sheet	0	10
4455	Ditto	...	...	...	...	single sheet per post	1	0

White or Mauve per quire only. Quotations for quantity.

### READY-CUT SENSITIZED PAPER.

							s.	d.
4461	One sheet cut to 42 C.-D.-V.	...	...	...	...	...	1	0
4462	" " 20 Quarter plate	...	...	...	...	...	1	0
4463	" " 15 Cabinet	...	...	...	...	...	1	0
4464	" " 10 Half plate 6 × 4	...	...	...	...	...	1	0
4464a	" " 6 Whole plate	...	...	...	...	...	1	0

### GELATINO-BROMIDE PAPERS FOR RAPID CONTACT PRINTING AND ENLARGEMENTS.

(MORGAN & KIDD'S.)

							s.	d.
4465	Sample Sheet, 23 × 17	...	...	...	...	...	1	6
4466	Ditto	...	...	...	...	per post	1	8
4467	Six Sheets 23 × 17	...	...	...	...	...	7	6
4468	Ditto 15 " 12	...	...	...	...	...	4	6
4469	Ditto 12 " 10	...	...	...	...	...	3	6

### EASTMAN'S (A) SMOOTH SURFACE, THIN PAPER ; (B) SMOOTH SURFACE, HEAVY PAPER ; (C) ROUGH SURFACE, HEAVY PAPER.

These papers may be used for positive printing or copying drawings by contact ; for enlargements, plain or working up in crayon, ink, water colors or oils, according as the taste or judgment of the operator may suggest.

#### ALL ONE PRICE.

	Size.							s.	d.
4480	4½ × 3¼	...	...	...	...	...	12 sheets	0	8
4481	5 " 4	...	...	...	...	...	"	0	11
4482	6½ " 4¾	...	...	...	...	...	"	1	8
4483	8½ " 6½	...	...	...	...	...	"	2	6
4484	10 " 8	...	...	...	...	...	"	3	6
4485	12½ " 10½	...	...	...	...	...	"	6	0
4486	15½ " 12½	...	...	...	...	...	"	7	6
4487	23 " 17	...	...	...	...	...	"	14	0

Full directions in each package.

**74, Cheapside, London, E.C.**



## Horne, Thornthwaite & Wood,

### FERRO-PRUSSIATE OR "HELIOGRAPHIC" PAPER.

For producing blue prints from negatives, and reproducing plans from tracing paper.

No TONING. No FIXING. REQUIRES WASHING ONLY.

**Directions:** Handle in subdued light. Expose under negative, or tracing, in pressure frame. Print deeply in strong light. Wash until the whites show purely.

4591	Per Roll of 10 yards	...	Extra thin	...	28 in. wide	£0 9 6
4592	Ditto	...	Thin	...	27½ "	0 6 6
4593	Ditto	...	Thick	...	25½ "	0 6 6
4594	Ditto	...	Ditto	...	29½ "	0 7 6
4595	Ditto	...	Ditto	...	36 "	0 9 6
4596	Sample Sheet	...	...	...	18×36 post free	0 1 0

### HUTINET'S' BRILLIANT GELATINO-BROMIDE PAPER.

For Enlargements and Positive Printing.

4600	Per Roll of 33 feet 0 inches × 29½ inches	...	...	...	£2 2 0
4601	Ditto 16 do. 6 do. "	"	"	...	1 1 0
4602	Ditto 8 do. 3 do. "	"	"	...	0 11 0
4603	Sample Roll of 8 sheets 7½ " 9½ "	"	"	...	0 3 0

### PRINTING FRAMES.

**Teak**, extra strong, well finished, hinged back, brass springs, round corners, and screwed.

		4¼×3¼	5×4	6½×4¾	8½×6½	10×8	12×10
4630	Per dozen	7s. 6d.	9s. 6d.	15s. 0d.	£1 10 0	2 5 0	2 12 6
4631	Each	os. 8d.	os. 10d.	1s. 4d.	2s. 9d.	4s. 0d.	4s. 6d.

Other sizes in proportion. India-rubber Cushions, &c., to order.

### MOUNTS.

**Carte de Visite.** 4-SHEET.

					Per 100.	Per doz.
					s. d.	s. d.
PLAIN, and Various Tints	...	...	...	...	1 0	0 2
RED LINE	...	...	...	...	1 2	0 3
ENAMEL, Various Tints	...	...	...	...	1 2	0 3
Do. Red Line	...	...	...	...	1 4	0 4
CHOCOLATE AND OLIVE, Plain	...	...	...	...	1 3	0 4
CHOCOLATE AND BLACK, Gold Bevelled	...	...	...	...	4 0	0 6

416, Strand, London, W.C.



# E. G. Wood,

## MOUNTS—(Continued).

### Cabinet. 5-SHEET.

						Per 100.	Per doz.
						s. d.	s. d.
PLAIN, and Various Tints	...	...	...	...	...	3 0	0 5
RED LINE	...	...	...	...	...	3 6	0 5
ENAMEL, Various Tints	...	...	...	...	...	3 6	0 6
Do. Red Line	...	...	...	...	...	4 0	0 7
CHOCOLATE AND OLIVE, Plain	...	...	...	...	...	4 0	0 7
CHOCOLATE AND BLACK, Gold Bevelled	...	...	...	...	...	7 6	1 2

### View Mounts, with round corners, in various tints, with fine margin.

Size of Mount.						Per 100.	Per doz.
						s. d.	s. d.
$4\frac{1}{4} \times 3\frac{1}{4}$	...	...	...	...	...	2 0	0 4
5 " 4	...	...	...	...	...	2 6	0 5
$6\frac{1}{2}$ " $4\frac{3}{4}$	...	...	...	...	...	3 6	0 7
$7\frac{1}{2}$ " 5	...	...	...	...	...	5 6	0 10
$8\frac{1}{2}$ " $6\frac{1}{2}$	...	...	...	...	...	8 0	1 3
10 " 8	...	...	...	...	...	12 0	2 0

### Oxford Line View Mounts—Cream.

Size of Mount.	Size of Line					s. d.	s. d.
8 × 6	$5\frac{1}{4} \times 3\frac{3}{4}$	...	...	...	...	4 6	0 8
$8\frac{1}{2}$ " $6\frac{1}{2}$	$6\frac{1}{4}$ " $4\frac{3}{4}$	...	...	...	...	4 9	0 9
$9\frac{1}{2}$ " 8	$6\frac{1}{2}$ " $5\frac{1}{4}$	...	...	...	...	6 0	1 0
12 " 10	$9\frac{1}{2}$ " $7\frac{1}{2}$	...	...	...	...	10 0	1 4
15 " 12	$10\frac{1}{2}$ " $8\frac{1}{4}$	...	...	...	...	14 6	2 0

### Other Sizes and Tints to Order.

## PRINTING SUNDRIES.

4680	Bath Tester,	Hydrometer form, with solution jar, in case	£0 3 6
4681	Ditto	Graduated tube, very easy to use	0 2 6
4682	Brushes,	camel hair, for dusting, 1 in. 8d. 2 in. 1s. 4 in. 2s	
	Ditto	For spotting, &c. 2d. 3d. 4d.	
4683	Ditto	Bristle, for mounting	6d. and 0 0 9
4684	Burnisher,	making prints equal to enamelled, giving a fine glossy surface, and rendering them more durable. Complete with lamp for $8\frac{1}{2} \times 6\frac{1}{2}$ and under	1 15 0
4684a	Colors, Aniline,	for tinting Photographs, in case with brushes, each	0 7 0

74, Cheapside, London, E.C.



## Horne, Thornthwaite & Wood,

### PRINTING SUNDRIES—(Continued).

#### Cutting Shapes—

	C-D-V.	$4\frac{1}{2} \times 3\frac{1}{4}$	$5 \times 4$	Cabinet	$6\frac{1}{2} \times 4\frac{3}{4}$	$8\frac{1}{2} \times 6\frac{1}{2}$
4685	6d.	9d.	1s. od.	1s. 3d.	1s. 6d.	2s. od.
4685	Best	—	—	—	—	—
4686	<b>Cutting Table</b> , Revolving, for trimming prints				9s. 6d. to £0 15	6
4689	<b>Clips</b> for suspending paper				per dozen	0 0 10
4690	<b>Cloud Negatives</b> $6\frac{1}{2} \times 4\frac{3}{4}$ 1s. 6d.				$8\frac{1}{2} \times 6\frac{1}{2}$ 2s. ... $10 \times 8$	0 3 0
4692	<b>Finger Stalls</b>				per dozen	0 3 0
4693	<b>Forceps</b> (Vulcanite)				each	0 0 9
4694	<b>Knives</b> , for trimming prints, in case				„	0 1 0
4695	<b>Masks and Disks</b> , per box, 6 doz. C-D-V., 1s.,					
4695	Ditto Cabinets 3 doz.				per bottle 1s. and	0 1 0
4696	<b>Mounting Medium</b>				per bottle 1s. and	0 2 0
4697	<b>Rolling Presses</b>				from	3 0 0
5697a	<b>Retouching Desk</b> , with Revolving Mirror, spotting board, screen, and drawer for pencils, suitable for retouching					
	$\frac{1}{4}$ plate to $10 \times 8$				...	1 5 0
4698	<b>Retouching Pencils</b> (Faber's) in wood				...	0 0 4
4699	„ Leads in holder				...	0 0 9
4700	„ Leads per box				...	0 1 0
4701	„ „ each				...	0 0 3
4702	<b>Tin Cases</b> for Sensitized paper				...	0 1 6
4703	<b>Vignette Glasses</b> , various ovals, &c.					
	$4\frac{1}{4} \times 3\frac{1}{4}$	...	$5 \times 4$	...	$6\frac{1}{2} \times 4\frac{3}{4}$	$8\frac{1}{2} \times 6\frac{1}{2}$
	8d.	...	1s.	...	1s. 6d.	2s.

### GODSTONE AUTOMATIC WASHING TRAY (PATENT).

**For Washing Photographic Prints and Occasionally Negatives.**

				s. d.	s. d.
A	for prints to half plate	...	Price...	6 9	carriage 0 8
B	„ „ whole plate	...	„	9 0	„ 0 9
C	„ „ $15 \times 12$	...	„	14 6	„ 1 6

**416, Strand, London, W.C.**



## E. G. Wood,

### BOOKS.

Abney.	"Instruction in Photography"	...	...	...	s. d.
					3 6
Abney & Robinson.	"Art and Practice of Silver Printing"	...	...	...	2 6
Burton.	"Modern Dry Plate Photography"	...	...	...	1 0
Heighway.	"Handbook of Photographic Terms"	...	...	...	2 6
"	"Practical Portrait Photography"	...	...	...	1 0
"	"Photographic Printer's Assistant"	...	...	...	1
Robinson.	"Pictorial Effect in Photography"	...	...	...	2 6
"	"Picture Making by Photography"	...	...	...	2 6
Spiller.	"Elementary Treatise on Photographic Chemistry"	...	...	...	0 6
<b>Note Books</b> , invaluable in the Field—					
	Burton's, with New Tables of Exposures	...	...	...	1 0
	Openshaw's, neat Pocket Book form, with pencil	...	...	...	0 9

### ALMANACKS.

Annual Records of Photography, with sundry suggestions and practical information.

"The Year Book of Photography"	...	...	...	...	1 0
"The British Journal Photographic Almanack"	...	...	...	...	1 0

### WEEKLY JOURNALS.

"The Photographic News"	...	...	...	...	0 3
"The British Journal of Photography"	...	...	...	...	0 3
"The Amateur Photographer"	...	...	...	...	0 2

Postage Extra.

### ACKLAND'S SCALE OF PHOTOGRAPHIC EQUIVALENTS.

This Scale of Equivalents is of especial use to the Experimental Photographer and Emulsion Maker, shewing at a glance the relative converting values of the various haloid and other salts, and enabling even the merest tyro to calculate with rapidity and certainty all the usual problems that occur in Photographic Chemistry.

Price, with directions for use, 5s.

### READY-MADE SOLUTIONS.

<b>Ferrous Oxalate</b> , Developer, 2 Bottles, "F. & O."	20 ounces	...	...	s. d.
Do.	1 Solution	...	...	1 6
Do.	do.	...	...	1 0
Do.	do.	...	...	1 10
<b>Alkaline</b> , Developer, Concentrated, 3 Bottles, "B., P., & A.,"	2 ounces each	...	...	2 0

**74, Cheapside, London, E.C.**



# Horne, Thornthwaite & Wood,

## READY-MADE SOLUTION—(Continued).

					s.	d.
<b>Ferrous Oxalate</b> , Developer, 2 Bottles, "F. & O." ...	4	ounces	...	3	6	
Do. do. do. do.	6	"	...	6	0	
<b>Fixing Bath</b> , for Prints ...	20	"	...	0	10	
Do. do. Negatives ...	20	"	...	0	10	
<b>Clearing Bath</b> for Negative ...	20	"	...	1	0	
Do. do. Transparencies ...	10	"	...	1	6	
<b>Intensifying</b> , Mercuric ...	10	"	...	1	6	
Do. Uranium ...	5	"	...	1	0	
<b>Toning Bath</b> ...	20	"	...	1	6	
Chloride of Gold, Solution, 1 gr. to the dram ...	1	"	...	1	3	

Above prices include bottles.

*Other photographic formulæ made up at moderate charges.*

## PHOTOGRAPHIC CHEMICALS.

(PRICES SUBJECT TO MARKET.)

		s.	d.	Per lb.	Per oz.
		s.	d.	s.	d.
<b>ACID</b> , Acetic ...	...	1	9	0	2
Do. <b>Citric Powdered</b> ...	...	3	0	0	3
Do. <b>Hydrochloric</b> ...	...	0	6		
Do. <b>Nitric</b> ...	...	1	0		
Do. <b>Oxalic</b> ...	...	1	2	0	2
Do. <b>Pyrogallic</b> , Re-sublimed ...	...			1	4
Do. Do. $\frac{1}{2}$ oz. Wooden Canister ...	0	9			
Do. Do. <b>Scherings</b> ...	...			1	6
Do. <b>Sulphuric</b> ...	...	0	6		
Do. <b>Tartaric</b> ...	...	3	6	0	4
<b>Ammonia</b> , 380 ...	...	1	0	0	2
Do. <b>Carbonate</b> ...	...	1	0	0	2
<b>Ammonium</b> , <b>Bromide</b> (Best H. & W.) ...	...	3	6	0	4
Do. <b>Chloride</b> ...	...	1	2	0	2
Do. <b>Nitrate</b> ...	...	2	0	0	2
<b>Alum</b> , <b>Powdered</b> ...	...	0	6		
<b>Alcohol</b> , absolute ...	...	5	0	0	5
Do. <b>Methylated</b> ...	pint	1	0		
<b>BORAX</b> , powdered ...	...	0	9	0	2
<b>COLLODION</b> ...	per 2 oz. bottle	1	0		
Do. 6 oz., with Iodizer separate ...	3	8			
Do. <b>Mawson's Enamel</b> ...	per pint	3	0	0	4
<b>GELATINE</b> , Nelson's ...	...	6	0		
Do. <b>Heinrich's</b> ...	...	5	0		
<b>GLYCERINE</b> ...	...	1	4	0	2
<b>Gold</b> , <b>Chloride</b> ...	15 gr. tube	1	10		

416, Strand, London, W.C.



## E. G. Wood,

## PHOTOGRAPHIC CHEMICALS—(Continued).

				s. d.	Per lb. s. d.	Per oz. s. d.
Gold, Chloride	...	Solution, in bottle		...	...	1 3
Iron, Oxalate	...	...	...	...	2 6	0 3
Do Protosulphate	...	...	...	...	0 4	...
LIME, Hypochlorite	...	...	...	...	0 6	...
Magnesium Ribbon	...	per ¼-oz.	1 0	...	...	2 6
Mercury, Bichloride	...	...	...	...	3 8	0 4
METHYLATED SPIRIT	...	...	pint	1 0	...	...
Mounting Medium	...	per bottle	1 0	...	...	...
		ditto	2 0	...	...	...
Potash, Bichromate	...	...	...	...	1 0	0 2
Do. Carbonate	...	...	...	...	0 9	...
Do. Citrate	...	...	...	...	2 9	0 3
Do. Ferricyanide (Red Prussiate)	...	...	...	...	4 0	0 4
Do. Ferrocyanide (Yellow Prussiate)	...	...	...	...	1 9	0 2
Do. Neutral Oxalate	...	...	...	...	1 6	...
Potassium Bromide (Best H. & W.)	...	...	...	...	3 6	0 4
Silver, Nitrate	...	...	...	...	...	3 6
Do. ...	...	5 ounces	16 3	...	...	...
Soda, Acetate	...	...	...	...	1 0	0 2
Bicarbonate	...	...	...	...	0 4	...
Hyposulphite	...	...	...	...	0 2	...
Do. ...	...	7 lbs.	1 0	...	...	...
Sulphite, Recryst (Best H. & W.)	...	...	...	...	1 3	0 2
TEST PAPERS	...	per book	0 2	...	...	...
Varnish, Negative	...	per bottle	1 0	...	...	...
Do. Do.	...	½-pint	2 6	...	...	...
Do. Do.	...	pint	4 6	...	...	...
Do. Re-touching	...	per 4 oz. bottle	1 9	...	...	...
Do. Matt, Black, &c.	...	...	...	...	...	...
WATER, Distilled	...	pint	0 2	...	...	...
Do. Do.	...	gallon	0 9	...	...	...

Quantities less than 8 oz. charged at rate per oz. Other chemicals kept in stock. Export quotations for packing in canisters and bottles.

## BOTTLES.

## White Glass.

Ounces	1	2	3	4	5	6	8	10	12	16	20
NARROW MOUTH, corked, each	1d.	1d.	1½d.	1½d.	2d.	2d.	2d.	3d.	3d.	4d.	4d.
WIDE do. do.	1d.	1½d.	1½d.	2d.	2d.	2d.	3d.	3d.	4d.	5d.	4d.
NARROW do. stoppered „	3d.	4d.	5d.	5d.	6d.	6d.	8d.				
WIDE do. do.	4d.	5d.	5d.	6d.	8d.	10d.					

74, Cheapside, London, E.C.