



*W.D. 8°*

*EXPERIENCE* is a very necessary adjunct to an industry that is so complex and vast as the Kinematograph industry undoubtedly is, and the numbers of those who have been through every stage of the industry, and have thoroughly studied it from its various sides are not very great. It has been the writer's pleasant and unique experience to have seen the industry both on the practical showmanship side, as he was showing Animated Pictures in North London as far back as 1899, and having been initiated in the art of Lantern Projection from earliest childhood it was little wonder that the advent of Motion Photography was keenly watched and taken up first as a hobby and then as a serious business. Tiring of travelling the country and anxious to put the vast experience gained to a business use the writer joined up on the business side of the industry under the banner of Messrs. Walter Tyler Ltd., in the days when that business was carried on at Waterloo Road, and before the industry was what we know it is to-day, and later on, was successful in establishing the business of The Tyler Apparatus Co., in Cecil Court, being appointed General Manager to the business in question, and during the time this business was conducted both from Cecil Court and later at Charing Cross Road, the writer had the pleasure of advising for and superintending many hundreds of installations with the famous

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Ernemann Projector, and every type of building during the huge boom that was then on, was converted into a Picture Theatre, Churches, Chapels, Salvation Army Barracks, Skating Rinks, Town Halls, etc., etc., all of which were wonderfully successful and in many cases fully equipped with every requirement including Seating and Electrical installations to the entire satisfaction of all concerned. Leaving The Tyler Apparatus Co. the writer continued a similar business as Director and General Manager to Messrs. Jury's Kine Supplies Ltd., but with the assurance of so many good friends in the Kinematograph Industry of their hearty co-operation and support the writer decided to start the present business under his own name to carry on the Supply of Apparatus as heretofore of the very best quality and latest designs, and the following pages will show how every branch of the industry is being catered for in the best possible manner at KINUTILITIES, 19 Lisle Street. Situated as the premises are, facing Leicester Square, they are right in the heart of Film Land, and here in a commodious Showroom 60ft. in length is shown every item that matters both for the proper equipment of Theatres, Dark-rooms, Studios, etc., etc., whilst on the first floor is the Private Office and the Film Theatre. The whole of the remainder of the building is taken up by office accommodation for the Clerical Staff and the Exclusive Film Department, and when it is remembered that substantial contracts have been entered into with the Cream of our British Comedians you may rest assured that from such Artists as George Robey, Will Evans, etc., etc., our Exclusive department will handle some real money earners, and will undoubtedly cause endless delight to the thousands that will have the pleasure of seeing them screened. Trusting to still maintain the cordial business relationship that has always existed amongst the hosts of old friends, and hoping to create by straightforward business dealings hundreds of new friends, both for Apparatus and Film supplies.

*W.H. Day*

## Section I.

*W.H. Day*

**Optical Lanterns.**

**Stereopticons.**

**Bi-unial Lanterns.**

**Condensers.**

**Stage Lighting and Effect  
Lanterns**

**Cine and Optical Lens.**

**Screens and Elevators.**

**Sundries.**

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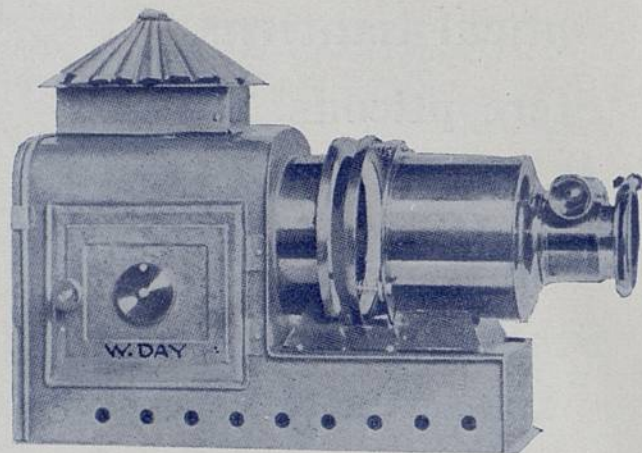
There are many theatres from time to time needing special lighting and effects for new productions, and our expert advice in all these matters may be had for the asking, as effects have been supplied to most of the Principal London Theatres and Music Halls, all of which are of our own design and manufacture. If you have a poser, don't fail to call at our showrooms.



# BRITISH MADE OPTICAL LANTERNS.

## 'The Universal.'

Combining extreme portability with absolute efficiency



A really useful and compact Lantern, suitable for use in Schools, Lectures, &c.

### SPECIFICATION.

BODY.—The very best quality Russian iron, perfectly ventilated and finished, 2 doors, coloured sight-holes with brass covers.

STAGE.—Solid brass sliding front, best drawn brass sliding tubes, specially selected double combination front lenses, giving perfect definition, heavy rackwork mounts, tinting slot and flashing shutter.

CONDENSER.—Best quality 4in. Plano-Convex in plated brass mounts.

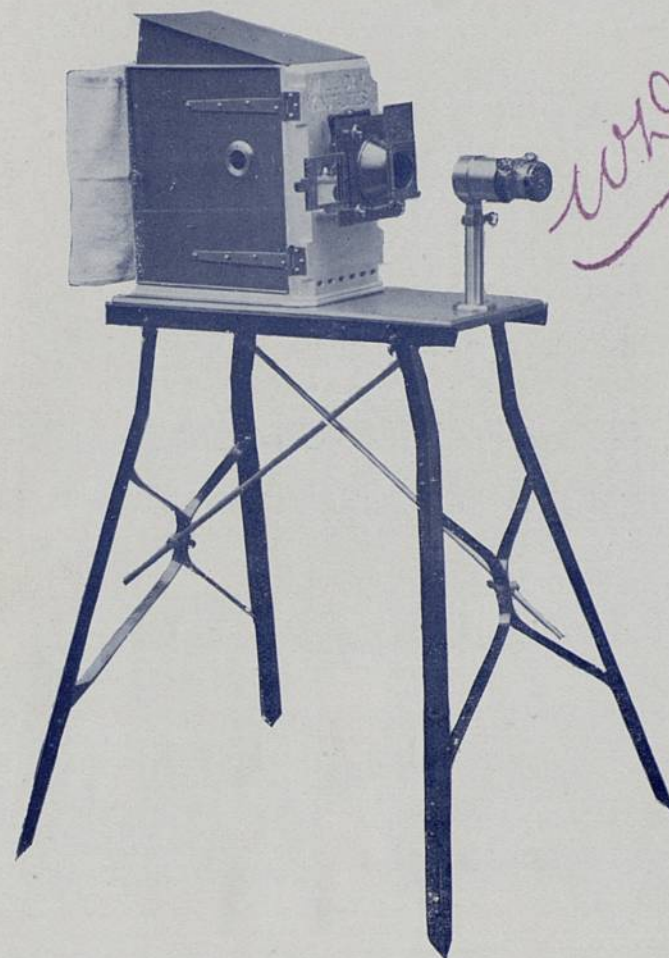
NOTE THE SIZE.—Length 14in., height 8½in., width 5in.

Price (Outfit as above, with Lantern Cowl), £2 : 10 : 0

Code, "Soocey."

## Kinutilities Stereopticon.

A Vastly Improved Rock-Steady Stereopticon Projector, for Lantern Slides, English and American Sizes.



The adaptability and clean working of this Stereopticon place it ahead of all other makes offered for sale. It is fitted in a very substantial manner and has a separate outside 4½in. condenser, large capacity lamp house fitted with double doors and large sight glass, heavy brass curtain cut off, separate pillar and lens holder tube, lens of any decided focus, the whole mounted on polished oak base board and collapsible wrought iron stand.

Code, "Soolrohr." Price complete, as photo, £10 : 0 : 0

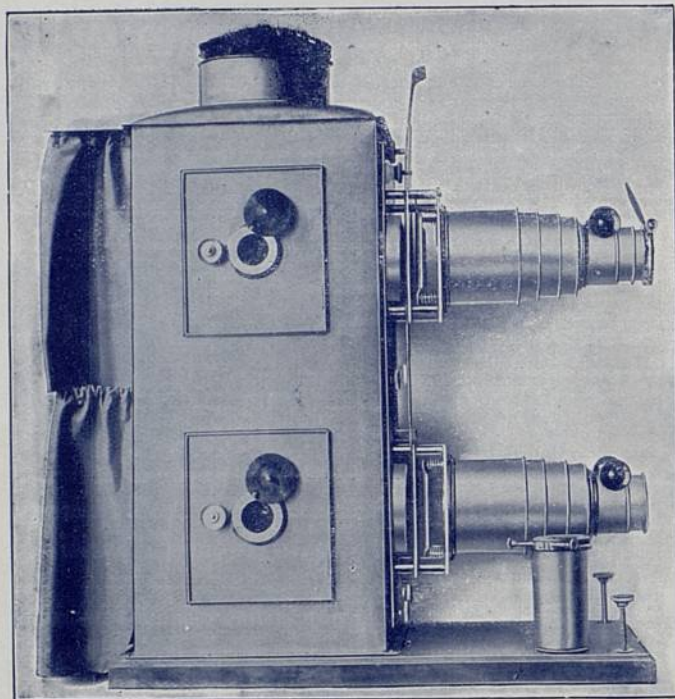
Code, "Soolwage." Extra tubes for long focus, 2in. long, 2/6 each.

„ "Soondree." „ „ „ „ „ 3in. „ 4/- „



## RUSSIAN IRON BI-UNIAL OPTICAL LANTERNS

For Effect Work and Novelty Slide Acts.



Russian Iron Bi-Unial Optical Lantern with improved and steam-preventing stages (regd.), telescopic fronts. Fitted for electric arc lamps.

**BODY.**—Russian iron of best quality, strengthened with wire and iron plates to give strength and stability. The doors are of large size to allow of easy access to the illuminant. Massive brass eye pieces are fitted and an oblong ventilating cowl at top. Mounted on a stout oak base board, tongued and framed, and fitted with two elevating screws for tilting.

**STAGES AND TUBES.**—Three-draw tubes telescopic. Stage of registered design which has been perfected to prevent any steaming either on condensers or slides, thus removing a very objectionable feature from slide exhibitions. The front stage is composed of brass, highly finished and lacquered, back plates hinged. The stage bolts do not go through lantern body, but stages are fitted to body with six heavy brass bolts, which are provided with clamping washers and binding screws so as to easily effect perfect registration from both lanterns on the screen. It is also fitted with brass curtain.

**CONDENSERS.**—Two special bi-convex meniscus with jackets and rack mounts and two-lens cylinders (2in. diameter lens) of any desired focus.

Price complete, as illustration, £17 : 7 : 6. Code, "Sopolis."

Diaphragm Dissolvers can be fitted to above lanterns if desired at a cost of £1 : 10 : 0 per pair.

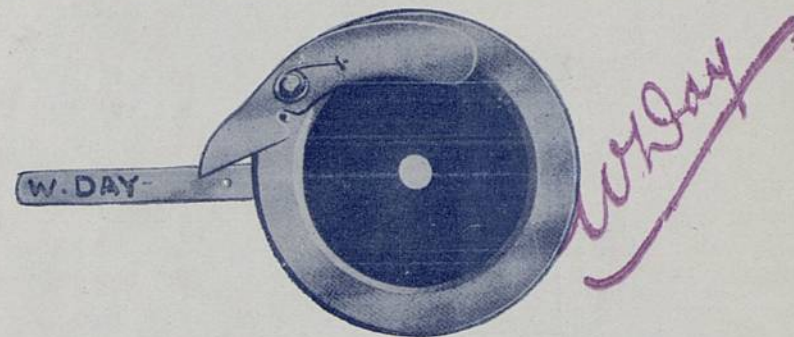
Polished Wood Case, dovetailed and provided with iron handles, lock and key, £1 extra. Diaphragm Dissolvers—Code, "Sorpunto." Wood Case—Code, "Sopor."

**ARC LAMPS.**—"The Handy," Price £2 : 5 : 0 each. Code, "Aavora."  
"The Gem," " £2 : 0 : 0 "

## The Cat's Eye.

Iris Diaphragm Dissolver, to fit any standard size Cine, or Optical Tube Lens. Price 10/- each.

Code for Cine size—"Sopiamus"; for Optical size—"Sopianæ."



With the above Dissolver placed on both lantern and projector, the still slide can be dissolved into the moving picture and vice versa, forming a positive non-stop show, and is a valuable adjunct to any exhibition.

## Illuminated Signs.

EXIT SIGNS. L.C.C. PATTERN.



FIG. 1.



FIG. 2.

Suitable for lighting with electricity, gas or oil. Stencil cut letters with sliding fronts.

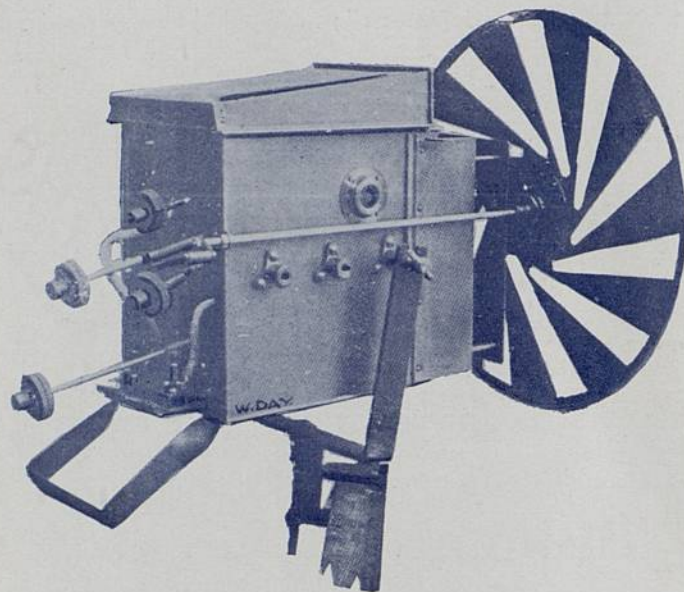
Emergency Exit, as fig. 1	...	each 11/-	Code, "Sopiebat."
Emergency Exit, as fig. 2	...	each 10/-	Code, "Sopietis."
Exit as fig. 1	...	each 10/-	Code, "Sopinha."
Exit as fig. 2	...	each 9/-	Code, "Sopistas."

The above signs can be supplied either with red or white opal glass at no extra cost.

Any type of illuminated sign made to order. Quotations given upon application, stating full particulars of requirements. Signs similar to above with words **Way Out**, **Pay Here**, &c., can be supplied from stock at slightly increased prices.



## The 'Colorus.'

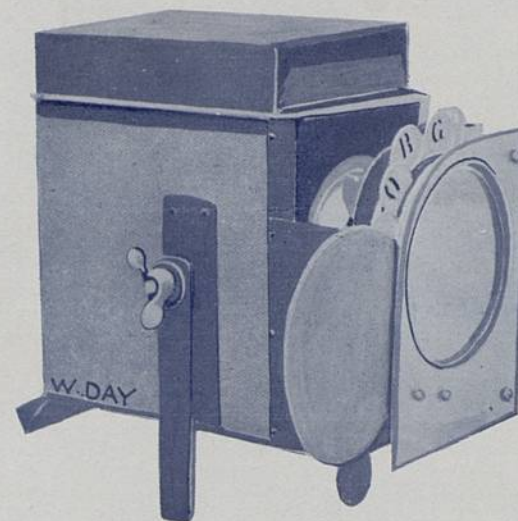


Superior Stage Lime Box. Can be used for either spotting or flooding, and has been specially produced for colour effects of every description. It is fitted with best quality 6in. Bull's-eye Lens in a slide front. Five-hinged bound metal and glass colour discs are fitted to front, and it can be specially fitted with flicker or rainbow discs with rotating attachment as shown above.

	PRICE.	CODE.
Superior Stage Lime Box, as shown above,	£4 0 0.	"Souffrir."
Revolving Flicker Disc, extra ... ..	15 0.	"Sopesemos."
„ Rainbow Disc, extra ... ..	16 0.	"Sopeteado."
Separate Revolving Fittings, extra ... ..	5 6.	"Sopeton."
Iron Stand and Pillar ... ..	1 10 0.	"Sophia."
Clamping Attachment for vertical and horizontal fixing ... ..	3 6.	"Sophetim."

We shall be pleased to quote for any stage lighting or special effects whatsoever. Bunch Lights, Floats, Dimmers, etc.

## The 'Aurora.'



**Very effective for either spotting or flooding.**

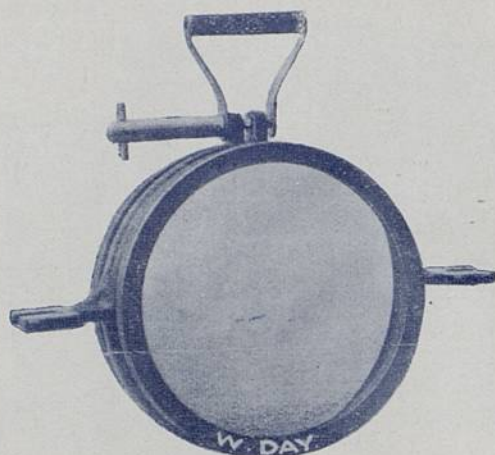
This Stage Lime Box and Colour Effect Apparatus is thoroughly well and substantially made to stand the hard wear and rough usage to which this class of apparatus is usually subjected. It is made of best quality heavy Russian iron, mounted on a swing cradle, which can be turned in any direction, and is an ideal light to work from a perch for stage colour effect. It is fitted with a good quality 6-inch bull's eye in a readily detachable screw clip mount, five hinged glass metal bound colour discs, and separate masking disc, sliding top to lamp house as shown in photo above.

Stage Lime Box, as photo, each £3 : 10 : 0. Code, "Sopesares."  
 Iron Stand and Pillar, extra, each £1 : 10 : 0. Code, "Sophia."  
 Clamping Attachment for Vertical or Horizontal Fitting, each 3/6.  
 Code, "Sophetim."

Any size Stage Lanterns can be produced at very short notice, and any desired lighting effect will be estimated for.



## The 'Reliance.'



A novel Condenser Mount for exterior fitting  
on Lamp House, 4½ in.

This new type of Condenser is of very heavy construction, and is fitted with a separate pocket on each side, which allows plenty of space for free expansion and contraction of the glasses, and the heavy rings, which screw on to the mount, will hold the heat a long while, and thus prevent sudden cooling and cracking of condensers. This new type of condenser mount will be found to obviate quite 50 per cent. of the broken condenser troubles.

Price of Cell, unmounted, without lens, each 10/- Code, "Sopited."  
 " " mounted Meniscus and Bi-Convex, each 16/6. Code, "Sopiting."  
 " Cradle to hold condenser, each 6/6. Code, "Sopitore."  
 " Bi-Convex lens 4½ in., each 3/- Code, "Sopiunt."  
 " Meniscus lens 4½ in., each 3/6. Code, "Sopivero."

Specially adaptable for use with the famous Ernemann "Imperator"  
Projector or the KINUTILITIES Stereopticon.

## CONDENSERS.

All our Condensers are ground from the best prepared white glass, free from air bubbles and carefully paired. The mountings are in solid brass, well finished.



Meniscus Bi-Convex.

### Meniscus and Double Convex.

Mounted in brass cell complete. For use with long focus lenses.

	CODE.		CODE.
4in. diameter—No. 1 quality, 12/-	"Sapladera."	No. 2 quality, 10/6	"Soplar."
4½ in. " " " " 17/6	"Soplona."	" " " " 15/-	"Sopletes."

### Single Condenser Lenses for Repairs.

	Plano-Convex.	Meniscus.	Bi-Convex.
4in. diameter ...	19/- per doz.	30/- per doz.	24/- per doz.
4½ in. " ...	27/6 " "	36/- " "	30/- " "

Single Glasses pro rata.

## PERFECTION CONDENSER LENSES.

These Lenses are manufactured from specially prepared glass of extreme transparency, and will pass quite 20 per cent. more light than the ordinary common condenser lens. The curvature and polishing is perfectly accurate, and they are put through a hardening process which renders these lenses much less liable to breakage.

	PRICES.	4in.	4½ in.	4¾ in.
Plano-Convex ...	...	2/0	2/3	2/6
Bi-Convex ...	...	2/6	2/9	3/0
Meniscus ...	...	3/0	3/3	3/6

### SPECIALY SELECTED UNMOUNTED LENS FOR CERTAIN FOCAL LENGTHS.

Diameter.	Contour of Grinding.	Focus in ins.	Price each.	Code.
4in.	Plano-Convex Lens	5	3/0	"Soporado."
4in.	" " "	7	3/0	"Sopratif."
4½ in.	" " "	6½	6/0	"Soporeux."
4in.	Double Convex Lens	5½	4/6	"Soporous."
4½ in.	" " "	5½	7/6	"Soportar."
4in.	Meniscus Lens	7	6/0	"Soporto."
4in.	" " "	12	6/0	"Soppalco."
4½ in.	" " "	9½	9/0	"Soppiego."
3½ in.	" " "	8	5/0	"Soppresa."
3½ in.	" " "	9	6/0	"Soppracula."

### CONDENSERS OR LENSES FOR THEATRICAL BOXES.

Code	Diam. in ins.	Focus in ins.	Price each	Code.	Diam. in ins.	Focus in ins.	Price each
"Sopradora."	5	5	16/0	"Sopresa."	7	7	32/0
"Sopranino."	6	8	18/0	"Soprilho."	8	14	40/0
"Soprano."	6	6	20/0	"Soprasato."	8	8	54/6
"Soprastra."	7	12	27/6	"Sopruso."	9	16	40/0

Cheap moulded lens, 6in. diameter, 7/6 each. Code, "Sopuntada."





### Kinutilities Special Quality Cine and Optical Lens Tubes.

Cine Lens Tubes.		Small Diameter.	
1in. to 1½in. focus, special short focus	...	...	Price 27/0 each
2in. to 7in., rising in ½in. sizes	...	...	Price 12/6 each
Cine Lens Tubes.		Large Diameter.	
1in. to 1½in. focus, special short focus	...	...	Price 30/0 each
2in. to 7in. focus, rising in ½in. sizes	...	...	Price 18/0 each
Optical Lens Tubes.		2in. Diameter.	
All sizes from 6in. to 18in. focus, rising in 1in. sizes	...	...	10/0 each
All sizes from 18in. to 30in. focus, rising in 1in. sizes	...	...	12/6 each

### Lens Jackets or Rack Mounts.

Double Rack and Pinion, solid brass mounted Lens Jackets, fitted with hinged flashing shutter and tinting slot, suitable for use with 2in. optical tubes.  
Price complete, 15/0 each. Code, "Soqueteix."

### Special "Dallmeyer" Lenses

FOR CINEMATOGRAPH PROJECTION.

Projection Lenses for Cinematograph Work.



THREE TIMES MORE LIGHT

### CHOOSING A LENS.

Dallmeyer Projection Lenses are made to fit all types of machines.

When ordering, the tube size of the machine should be stated or a pattern sent. The focal length should be given, but if this is not known with certainty it is sufficient to give exact size of gate, size of screen, length of hall, make of projector.

The size of picture is very sensitive to small errors in these dimensions. To get over the difficulty we make lenses in a large number of focal lengths, and are always willing to alter a lens slightly to give exactly the correct size of picture. The size of the picture thrown by the lens and the size required should then be stated.

#### SERIES XII. (Standard Size)

Series XII. Lenses surpass the ordinary type of cheap lenses, both in definition and brilliance of picture.

Focal Length.	F Value.	Price.	Code.
Ins.		£ s. d.	
2	F 2.8	4 0 0	"Soquete."
2½	F 2.8	4 0 0	"Soquetern."
2½	F 2.8	4 0 0	"Sorabian."
3	F 2.2	4 0 0	"Soractes."
3½	F 2.3	4 0 0	"Soramica."
3½	F 2.5	4 0 0	"Sorat."
3½	F 2.7	4 0 0	"Sorabacs."
4	F 2.9	4 0 0	"Sorbeamus."
4½	F 3.1	4 0 0	"Sorbedora."
4½	F 3.2	4 0 0	"Sorberos."
4½	F 3.4	4 0 0	"Sorberais."
5	F 3.6	4 0 0	"Sorbet."
5½	F 4	4 0 0	"Sorbetto."
6	F 4.3	4 0 0	"Sorbeais."
6½	F 4.7	4 0 0	"Sorblamos."
7	F 5	4 0 0	"Sorbelron."

These Lenses are supplied to fit any make of Projector.

#### SERIES XIV. (Extra Large Aperture).

Series XIV. Extra large aperture Lenses give an even brighter picture than Series XII, the definition being excellent.

Focal Length.	F Value.	Price.	Code.
Ins.		£ s. d.	
1½	F	5 0 0	"Sorbleses."
2	F 2.4	5 0 0	"Sorbigno."
2½	F 2.3	5 10 0	"Sorblque."
2½	F 2.2	5 10 0	"Sorbltica."
3½	F	8 15 0	"Sorbltion."
4	F 2.1	8 15 0	"Sorbonist."
4½	F 2.4	8 15 0	"Sorbuero."
5	F 2.7	8 15 0	"Sorbus."
5½	F 2.9	8 15 0	"Sorcerous."
6	F 3.2	8 15 0	"Sorclata."
6½	F 3.3	8 15 0	"Sorcler."
7	F 3.4	8 15 0	"Sorcleres."



### 'Darlot'

### CINEMATOGRAPH LENS CYLINDERS.

Mounted in polished brass tubes. These well-known lenses have for many years found a great number of friends amongst exhibitors. They give exceptionally fine definition and pass a large proportion of light.

#### Large Diameter, tubes 2½in. diameter.

	Each.	Code.
2in. ...	£2 2 0	"Sorcione."
2½in. ...	2 2 0	"Sorcolosa."
3in. ...	1 15 0	"Sordastro."
3½in. ...	1 15 0	"Sordecet."
4in. ...	1 15 0	"Sordecian."
4½in. ...	1 15 0	"Sordedad."
5in. ...	1 15 0	"Sordello."
5½in. ...	1 15 0	"Sordescet."
6in. ...	1 15 0	"Sordexcet."

#### Small Diameter, tubes 1½in. diameter.

All equivalent focal lengths from 2in. to 6in. rising in ½in. sizes.

Price 27/6 each.

### SPECIAL SHORT FOCUS CINEMATOGRAPH LENS.

Tubes 2½in. diameter, about 1in. equiv. focus.

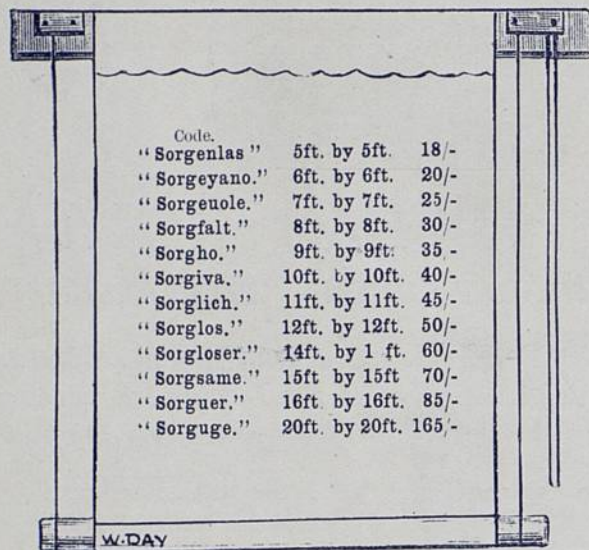
Code, "Sordexco." £5 : 5 : 0 each.

Tubes 1½in. diameter, about 1in. equiv. focus.

Code, "Sordice." £4 : 4 : 0 each.



## IMPROVED SELF-ACTING ROLLING OPAQUE SCREENS



Code.			
"Sorgenlas"	5ft. by 5ft.	18/-	
"Sorgeyano."	6ft. by 6ft.	20/-	
"Sorgenole."	7ft. by 7ft.	25/-	
"Sorgfalt."	8ft. by 8ft.	30/-	
"Sorgho."	9ft. by 9ft.	35/-	
"Sorgiva."	10ft. by 10ft.	40/-	
"Sorglich."	11ft. by 11ft.	45/-	
"Sorglos."	12ft. by 12ft.	50/-	
"Sorgloser."	14ft. by 1 ft.	60/-	
"Sorgsame."	15ft. by 15ft.	70/-	
"Sorguer."	16ft. by 16ft.	85/-	
"Sorguge."	20ft. by 20ft.	165/-	

Can be fixed to any wall, beam, window, roof, &c.

The top edge is provided with a strip of glazed waterproof material, so that when it is rolled up the white sheet can be kept clean and free from dust.

Each Screen is fitted on a roller of wood ready for fixing; they can be drawn up or let down any distance required by simply pulling or slackening the cord.

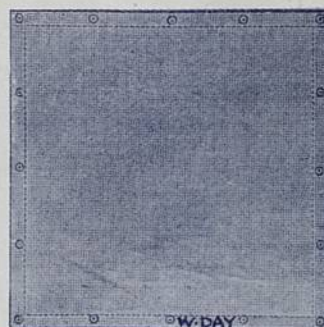
These Opaque Screens are not the common paper-faced articles usually sold, but are especially prepared and manufactured only for Will Day. Every particle of light is kept on the surface of the screen.

## SCREENS.

VERY SUPERIOR. EXTRA STRONG.

Made of special material prepared expressly for us at - Lancashire Mills, of extremely heavy warp.

SCREENS, well shrunk, edges turned in and bound, and strengthened with stout webbing. Brass eyelet holes, which will not pull out.



Code.		Each.		Each.	
"Sorionas."	5ft. sq., Calico, without seam	3/6	...	6/-	"Sororcula."
"Soriceum."	6ft. sq., "	5/-	...	7/6	"Sororiaba."
"Soritical."	7ft. sq., "	7/-	...	15/-	"Sororiavi."
"Sorlingas."	8ft. sq., "	9/-	...	18/-	"Sororize."
"Sorlo."	9ft. sq., "	12/-	...	25/-	"Soroson."
"Sormigro."	10ft. sq., " with seam	15/6	...	30/-	"Sorosis."
"Sormonto."	11ft. sq., "	20/-	...	40/-	"Sorpassi."
"Sorneiro."	14ft. sq., "	27/-	...	55/-	"Sorpiu."
"Sorocces."	16ft. sq., "	35/-	...	67/-	"Sorpreso."
"Sorodeo."	18ft. sq., "	45/-	...	88/-	"Sorrapeo."
"Sorolla."	20ft. sq., "	57/-	...	110/-	"Sorrare."
"Sororal."	27ft. sq., "	110/-	...		

Other sizes to order.

Canvas Cases for do., 1/- and 1/6 each.

Code, "Sorregar." Code, "Sorreggo."

## IMPROVED PORTABLE SCREEN ELEVATOR &amp; SUPPORT.

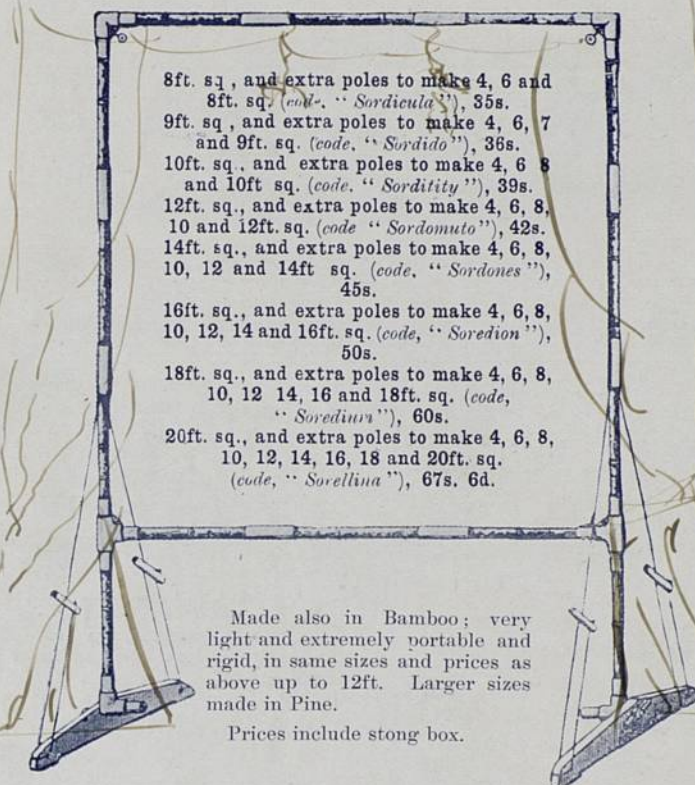
Our Portable Elevators avoid the disarranging of furniture, curtains, etc., great saving of time, and also doing away with ladders, etc.

They can be placed in any part of a room, on the tops of seats, pews, etc., and set to any angle in a line with the lanterns, thus giving a flat, even field.

They can also be used, if required, in the centre of a room, for showing through the screen.

Each set is supplied with extra poles, so that several sizes can be set up in a few minutes to suit size of room.

The corners are made of stout brass from strong patterns, and the ferrules are long tubes. This Elevator is very simple and low in price.



8ft. sq., and extra poles to make 4, 6 and 8ft. sq. (code, "Sordicula"), 35s.  
 9ft. sq., and extra poles to make 4, 6, 7 and 9ft. sq. (code, "Sordido"), 36s.  
 10ft. sq., and extra poles to make 4, 6, 8 and 10ft. sq. (code, "Sordidity"), 39s.  
 12ft. sq., and extra poles to make 4, 6, 8, 10 and 12ft. sq. (code, "Sordomuto"), 42s.  
 14ft. sq., and extra poles to make 4, 6, 8, 10, 12 and 14ft. sq. (code, "Sordones"), 45s.  
 16ft. sq., and extra poles to make 4, 6, 8, 10, 12, 14 and 16ft. sq. (code, "Soredion"), 50s.  
 18ft. sq., and extra poles to make 4, 6, 8, 10, 12, 14, 16 and 18ft. sq. (code, "Soredium"), 60s.  
 20ft. sq., and extra poles to make 4, 6, 8, 10, 12, 14, 16, 18 and 20ft. sq. (code, "Sorellina"), 67s. 6d.

Made also in Bamboo; very light and extremely portable and rigid, in same sizes and prices as above up to 12ft. Larger sizes made in Pine.

Prices include strong box.

Pair of extra T pieces and extra length to raise elevator as shown above, price 6/- extra. The Elevators, unless otherwise stated, will be sent without these.

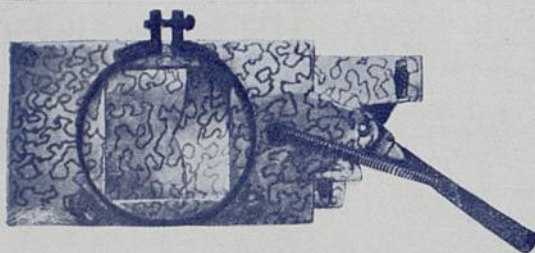
Code, "Sorgen."

## 'Opaline.'

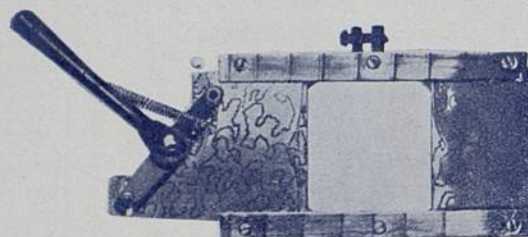
Positively the finest opaque dressing obtainable for facing your wall or sheet, giving a perfectly flat mat surface, which will not crack or peel, and by using this preparation your light will be improved quite ten per cent.

Supplied in 7lb. (code, "Sorrego"), 14lb. (code, "Sorrelfa"), and 21lb. (code, "Sorrily") tins at 1/6 per lb. Tins free.





BACK VIEW.



FRONT VIEW.

### The Perfect Light Cut-off.

This curtain light cut-off is very substantially made, and is composed entirely of brass. It is easily fitted to any lantern cone of 3in. diameter by the clamping ring and adjusting screw. In use the effect produced is the gradual illumination of the picture or announcement slide with a positive curtain effect.

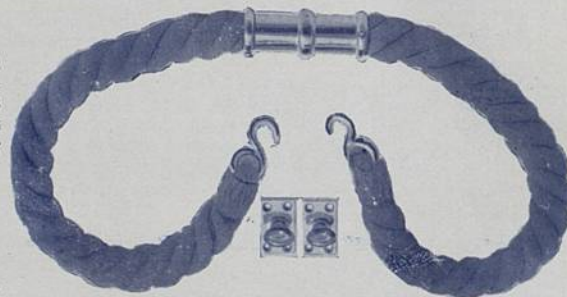
Price 17/6 each.

Code, "Sorrowful."

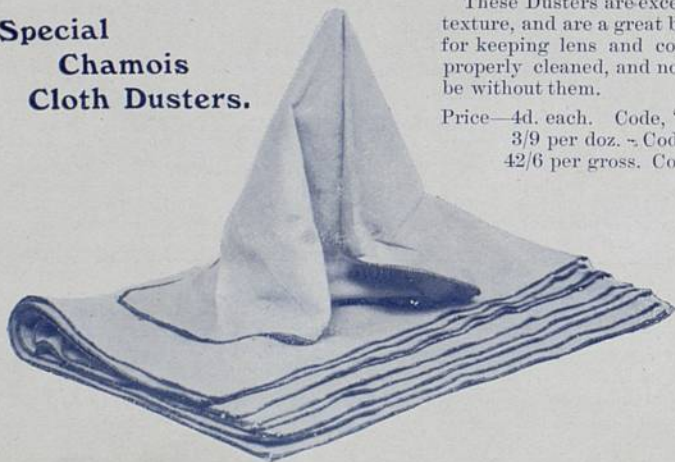
### Gangway Cords.

Produced specially to meet the Council's requirements, with heavy brass fittings, hooks and eyes at each end and panic coupling in centre.

Price, each Code,  
4ft. long 12/- "Sorsarono"  
4ft. 6in. 12/6 "Sorsasse"  
5ft. long 13/6 "Sorsovamo"  
Any size supplied to order.



### Special Chamois Cloth Dusters.



These Dusters are exceptionally soft in texture, and are a great boon to operators for keeping lens and condenser glasses properly cleaned, and no theatre should be without them.

Price—4d. each. Code, "Sorsavate."  
3/9 per doz. ~ Code, "Sorsiate,"  
42/6 per gross. Code, "Sortance."

## Section 2.

*W. Day*

Lubricants. Tip-up Seats  
Theatre Furnishings.  
Film Jointers. Film Cement.  
Spools. Film Measures.  
Film and Spool Rewinders  
Spool Cases. Check Boxes  
Roll Tickets. Stands.  
Programme Easels & Letters  
Automatic Shutters.  
Iron Houses. Metal Polish.  
Palms, Flowers and Tubs.  
Sprays and Essences.  
Fire Extinguishers.

Has it ever struck you how much the beauty of an entrance Foyer, and even the Auditorium itself, can be added to by a few tastefully arranged Palms and Flowers. These, together with the use of Spralite Essences, are too valuable an adjunct to overlook in your Theatre.



## 'Kinoil.'



This oil has been specially produced for use with kinematograph machines. It is the outcome of much careful thought and study and has been carefully refined to ensure perfect freedom from any foreign matter. The lubricating qualities are excellent, and owing to its viscosity will not gum or clog the bearings.

**Kinoil**, supplied in oval tins containing approximately eight fluid ounces.

Price 9d. per tin (code, "Sorteada") 9/- per doz. (code, "Sortear," or 100/- per gross (code, "Sorteyo").

## 'Belgraphine.'

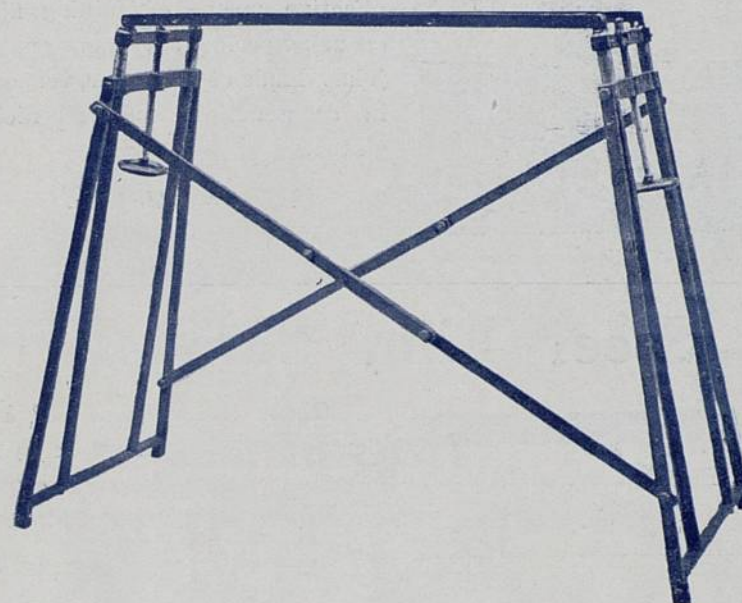


A carefully prepared admixture of the finest Graphite and Oils, especially suitable for use with gears of the kinematograph projector, as it reduces friction and wear to a minimum, and is the best possible medium to quieten a noisy projector.

Supplied in air-tight tins approximately  $\frac{1}{2}$ lb. each, price 9d. per tin (code, "Sortiere") 9/- per doz. (code, "Sortilega"), or 100/- per gross (code, "Sortiremo").

## The 'Holdfast'

Cinematograph and Lantern Stand.



A specially heavy and rigid adjustable stand suitable for any cinematograph or lantern, supplied complete with spanner.

The Special Hand Screw Tilting Attachment, fitted to both ends of the stand, enables the operator to raise or lower the projector with the greatest ease, and obtain the exact position required on the sheet.

The Top Frame has four holes provided, ready to screw or bolt the base of machine on.

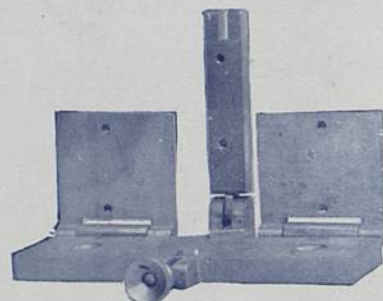
The diagonal stays give great strength and rigidity to the stand and are readily adjustable to any desired position. Finished in best Black Stove Enamel.

Price £3 each. Code, "Sosoques."



**CINEMATOGRAPH SUNDRIES**

# **The 'Holdfast' Film Jointer**



A clever, neat and extremely effective means of joining films, ensuring perfect alignment and flat joins. Made of fine brass, very solid in construction, and dull nickel-plated.

Price ... 11/- each.

Code, "Holfa."

## **Steel Film Scrapers**



Price ... 6d. each.

Code, "Scrap."

These flat ended Steel Film Scrapers offer the most ready and effective means of clearing the emulsion from the end of Film.

## **Film Spacing**

Blank Film for Spacing ... 1½d. per foot. Code, "Sorriness."  
Spaced Black Film ... 2d. " " " " "Sorriso."

## **Film Cement**

(For Celluloid Film), Bottle, Cap, and Brush, 9d.  
Code, "Cell."

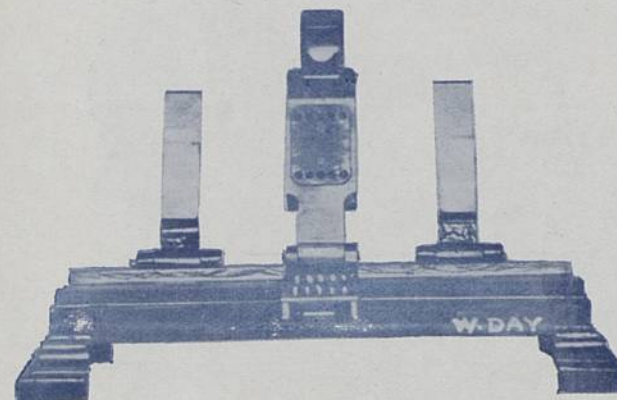


## **Film Cement**

(For Non-Flam Film), Bottle, Cap and Brush, 9d.  
Code, "Nonam."

# **The 'Mendicus'**

## **HEAVY TYPE BENCH FILM MENDER.**



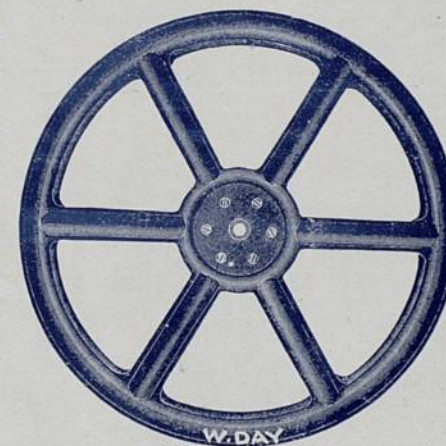
A very useful adjunct to any Picture Theatre or Film Renting Store. Composed of heavy cast-iron base with brass fittings and spring presser clamp.

Price 27/6 each.

Code, "Sortivate."

## **Spools.**

Stamped out of heavy sheet steel of new and original design, light in weight yet extremely strong and rigid; will not twist or buckle in use, fitted with a brass core through centre and well finished.



### **ORDINARY SPOOLS.**

10in. ... Price 1/10 each.  
Code, "Sorvado."  
12in. ... Price 2/- each.  
Code, "Sorvar."  
14in. ... Price 4/6 each.  
Code, "Sorvedura."

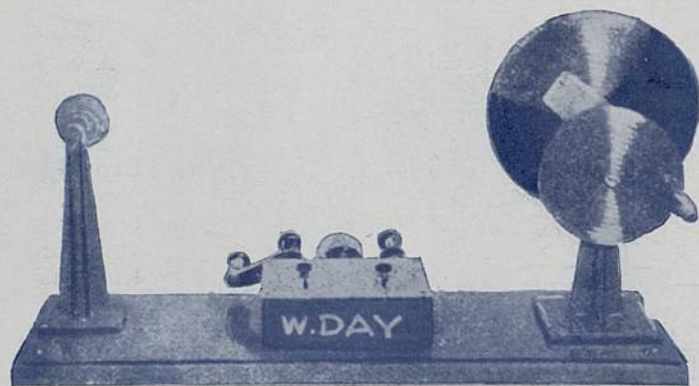
### **SPLIT SPOOLS.**

Produced for loading special subjects on to projector with lightning rapidity. The spool is made in two halves, with telescopic metal core.

Prices—12in. ... 4/6 each. Code, "Sorvinho."  
14in. ... 6/- each. Code, "Sorvivo."

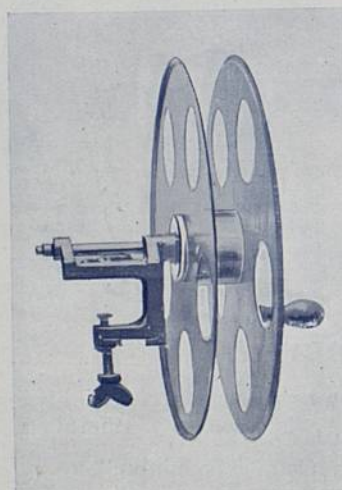


## THE 'Accurate' Film Measurer.



This machine is beautifully made and mounted on highly polished oak baseboard, and is thoroughly reliable. The measuring gear consists of a sprocket and guide rollers over which the film travels. The sprocket actuates a train of wheels in gear box, which is fitted with an indicator dial recording in metres and feet, and registers from 0—feet. The pointers can be immediately re-set to zero from any position.

Price £4 : 10 : 0 each. Code word, "Souffert."



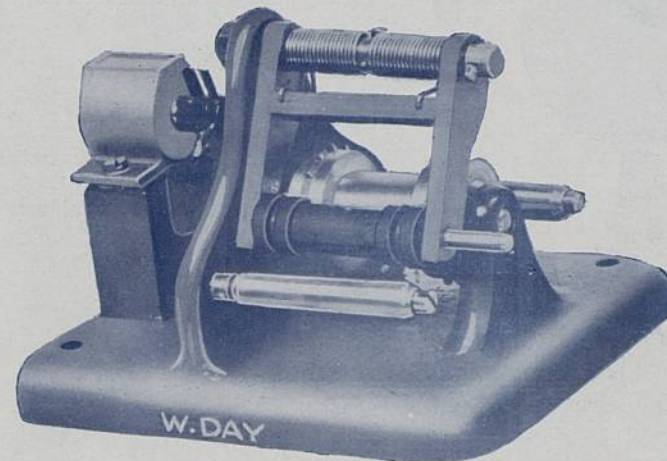
## THE 'Adaptable.'

A Single Spool Winder made of malleable iron casting with solid bracket. Can be clamped to any board or table up to 1½ in. thick. Fitted with spindle, screw-plate and handle for holding any size spool. Specially handy for stripping and re-winding spools of film, or for examining.

Price, not including spool, 6/6 each.

Code word, "Soufflure."

## The 'Chekit' Film Measure.

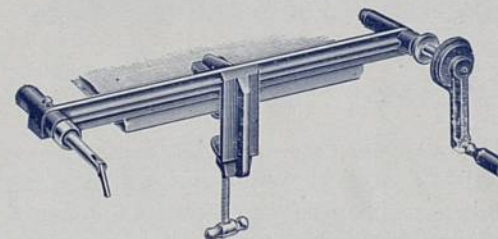


A thoroughly reliable, cheap and efficient apparatus for correctly measuring any length of film, well made in every detail, registering from 1 to 10,000 feet.

The base is drilled with four holes and can be attached to any bench or re-wind board.

Price 27/6 each. Code, "Sorvolava."

## The 'Moto.'



Single Spindle Spool Re-winder with clamp-on attachment, strong and serviceable. Specially suitable where a light and ready means for re-winding is required.

Price 12/6 each. Code, "Sobacarar."



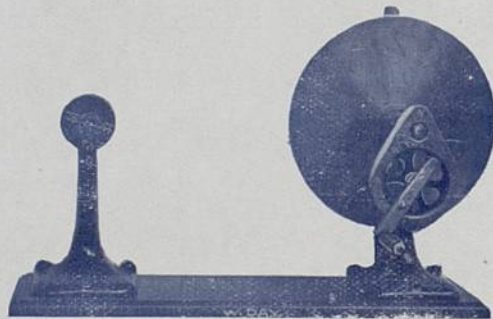


## The 'Rapid'

Film and Spool Rewinder of massive construction, with long bearings and specially silent cut gears, fitted with aluminium cover case, clamp screw fitting, readily attached to any bench. Enamelled black and gear case burnished

Price ... £1 : 5 : 0 each.

Code, "Sosanar."



## The 'Samson'

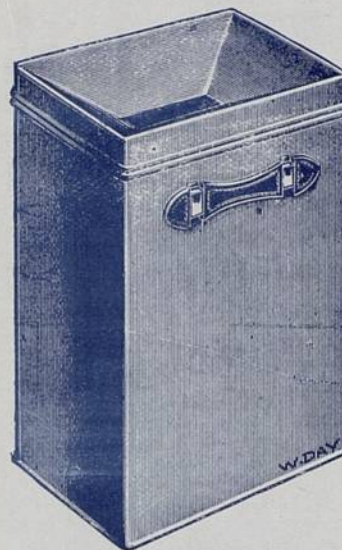
Bench Type Spool and Film Rewinder of extremely heavy and massive proportions. Built to meet the continuous strain and heavy work which this apparatus has to perform. The pinion gear is of raw hide, very silent in running, and without a doubt is one of the heaviest and best winders yet produced. Film guide fitted to plate. Double handle support.

Price, fitted with 12in. brass disc, enamelled black and brass, mounted on polished oak baseboard, £2 : 15 : 0 each. Code, "Sosanaria."

## CHECK RECEIVING BOXES

FOR METAL OR ROLL TICKETS.

Height, 2ft. 0in. Width, 10in.  
Depth, 8in.



Made of finest Russian iron, with rolled wire edges to lid and rim. Checks cannot be easily taken out until lid is opened. Fitted with leather handle and lock and key.

Price complete, 17/6 each.

Code, "Souffrais."

## ROLL TICKETS.

Correctly marked to tear off to line. Each roll numbered from 1 to 1000. Made in various colours, and priced in all usual figures—1d., 2d., 3d., 4d., 6d., 9d., 1/-, &c.

Price, 6d. per roll of 1000 tickets, or 4/6 per doz. rolls.

## CARBONS.

We are specially appointed agents for the sale of the Celebrated All-British Carbons.

These are undoubtedly the finest brand of carbons manufactured, being the longest, cleanest and most silent burning; also giving a highly concentrated pure white light, so necessary for proper projection. Ask for separate fully-priced catalogue and samples.

These carbons are positively a revelation, and both negative and positive carbons burn equal—i.e., a 6in. positive burns the same length of time as a 6in. negative.



## The 'Service.'



A specially constructed and extra heavy galvanized iron Spool Case, made to hold 3, 4 or 6 12in. spools, for use on rail, and will stand very rough usage.

Price for 3 spools, each 10/-  
Code, "Sotoforin."

Price for 4 spools, each 12/6  
Code, "Sotopor."

Price for 6 spools, each 15/-  
Code, "Sottement."

If for 14in. spools add 2/- extra to each size.

Can be supplied fitted with or without divisions at above prices, and special low quotations for quantities.

## The 'Granville.' The 'Unique'



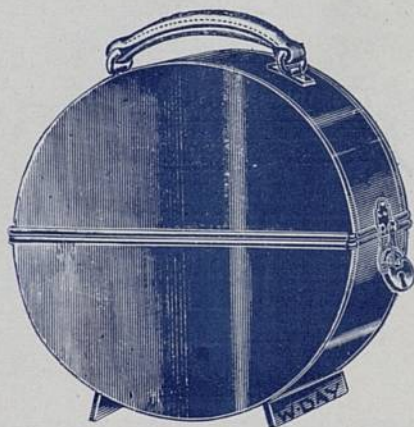
Best quality Russian iron, with leather carrying handle and lock and key.

Price for two 12in. spools, 10/-  
Code, "Sostenena."

Price for three 12in. spools, 12/6  
Code, "Sostenias."

Price for four 12in. spools, 15/-  
Code, "Sosthenes."

If for 14in. spools add 2/- extra to each size.



### FILM CARRYING CASE.

Manufactured from heavy gauge Russian iron with rolled wire edges and leather carrying handle, to hold four 12in. spools.

Very serviceable.

Price 10/6 each. Code, "Sottendo."

## The 'Day'

### Self Sealing Wrought Iron Film Storage Bin.

#### FILM SAFETY STORAGE RACKS.

(Patent applied for).



Fig. 1

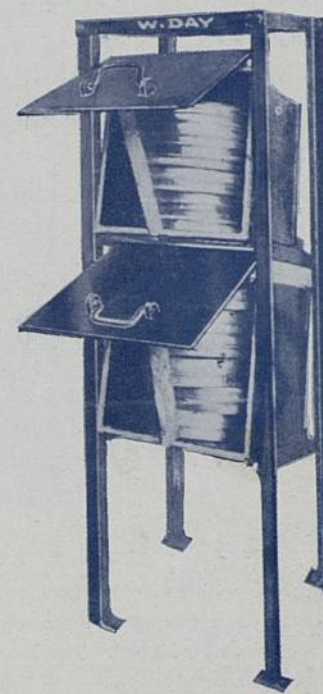


Fig. 2.

A very excellent fire-resisting fitment, which may easily be fixed in any position in Film Renting Establishments, Electric Theatres, &c., each section being self contained and on its own stand, enables its removal at any time in the event of changing premises, &c.

Each receptacle is composed of heavy wrought iron, with lining of stout asbestos between lid and box to form a seating for the lid to automatically seal itself.

From the illustrations it will be seen that each box is placed on the rack with a sufficient tilt to render it impossible for any of the lids or covers to be left open by accident, and owing to their weight they must of necessity keep in close contact with the asbestos seal to the face of the storage cases themselves, thus rendering the storage case absolutely fire-proof.

Figure 1 illustrates the cases closed.

Figure 2 shows the interior, the lids being kept open by the aid of pieces of wood.

Price, 2 tiers, as illustrations.

Code, "Sostare." To hold six 12in. Spools, £3 : 10 : 0 complete.

" " "Sostassi." " " 14in. " £4 : 0 : 0 "

Code, "Sostava." Russian iron liners with six divisions for 12in. Spools, 16/- each.

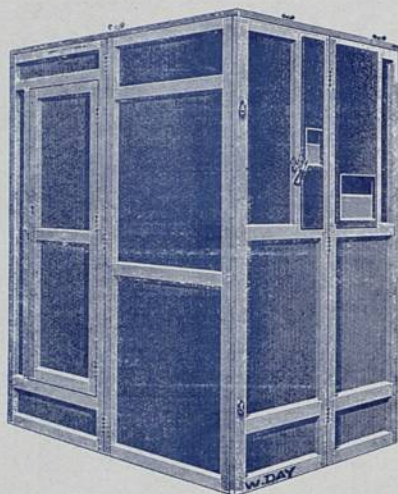
" " "Sostavano." " " 14in. " 17/6 "

We shall be pleased, if desired, to forward quotations for 3 or more tiers, or any special size or number of cases.



## Portable Fireproof House.

Covering all the requirements insisted upon by the L.C.C.



This is without doubt the best and most up-to-date iron house on the market. The sides are made up of three sections hinged together. The tops and ends are in two sections, also hinged. The house can be taken to pieces in a few seconds and packed into a small space.

The frame is mortised together and lined throughout with sheet steel, which is screwed on to the frame. The whole house is put together in a few minutes with winged nuts and screws, and is designed to ensure strength and durability together with simplicity and adaptability. All joints are tongued and grooved, and edges of steel sheets rolled in. Painted grey.

Fitted with Automatic Drop Shutters of instantaneous action, controlled from within or without the enclosure, perfectly Light Proof, with Close-fitting doors and complying with all the requirements of the Cinematograph Act, 1909-10.

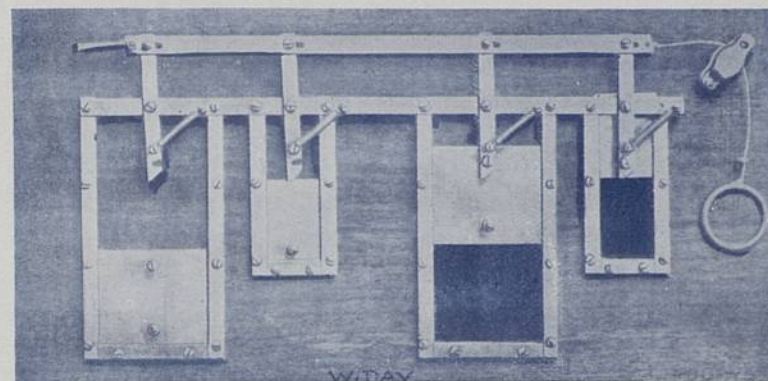
Size.	Height.	Length.	Width.	Price.	Code.
No. 1	6ft. 9in.	5ft. 0in.	4ft. 0in.	£7 : 0 : 0.	"Sospirato."
No. 2	7ft. 0in.	6ft. 0in.	4ft. 6in.	£8 : 10 : 0.	"Sospirca."
No. 3	7ft. 0in.	6ft. 6in.	5ft. 0in.	£11 : 0 : 0.	"Sospitalc."

Size No. 1. Asbestos Sheet for Floor, 35/- extra. Code, "Sosquin."

Size No. 2 and 3. Asbestos Sheets for Floor, 40/- extra. Code, "Sosquinar."

Uralite floors quoted for on application.

## Automatic Safety Shutters.



The above illustration shows a set of shutters for four openings.

The above Shutters have been specially produced to meet the requirements of the Cinematograph Act. They are of very substantial manufacture, being made from wrought iron throughout, and are instantaneous in their action, being operated either from inside or outside the operating enclosure.

### PRICES.

For a set of 6 openings,	£6 : 0 : 0.	Code, "Sosobrar."
" " 4 " "	£4 : 0 : 0.	" " "Sossopra."
" " 2 " "	£2 : 5 : 0.	" " "Sostanza."

Fixing, if desired, extra.

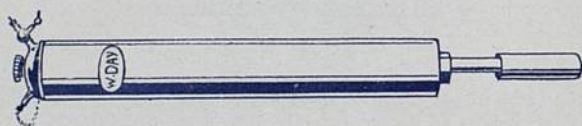
Any design of Safety Shutter made to order.



## Sprays and Essences.

*Nothing is so delightful in hot weather or imparts such a cooling effect as a sweet-scented and purified atmosphere. During the past few years I have tested several kinds of sprays and essences, and being a supplier I am not prejudiced in favour of any. It is my constant aim to secure the very best possible article in every class of goods I handle; and have no hesitation in stating that "Sprayolite" is the finest disinfectant and germicide and the sweetest perfume obtainable. A description of "Sprayolite" and the new "Gnome" Continuous Sprayer is to be found below and on the following page.*

### The 'Gnome' Sprayer.



A Sprayer of unique design, giving a continuous spray. This Sprayer is charged with sufficient air pressure (by operating your pump several times) to spray your building without using your pump again—charge your Sprayer with air to create the necessary pressure, and then, by opening jet to desired spray, use like a torch. The attention of your audience should not be taken from the pictures by the noise of an attendant pumping every time he sprays. This spoils the effect of the pictures, and is undesirable.

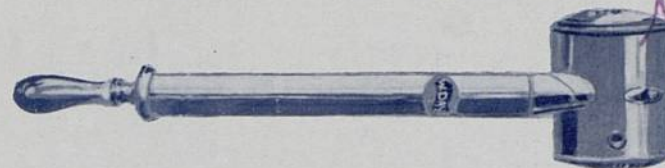
A further innovation is the new nozzle, enabling two kinds of spray to be used—a fine or a coarse spray—at will, by simply regulating the tap.

The "Gnome" Sprayer is beautifully finished in nickel, and is substantially made, the nozzle and cap being castings, which are screwed on to a stout barrel.

Price, 24in. Sprayer ... .. 25/- each.

Code ... .. "Gnome."

### The 'Vaponax' Sprayer.



A ready and effectual means for re-oxygenating the atmosphere and imparting any desired perfume to same. Of the well-known brass drum type, strongly made and well finished. Price, 12/6 each. Code, "Vaponax."

### The 'Ozaira' Sprayer.



This Sprayer is thoroughly well and substantially made, and delivers a spray of huge volume and extremely fine vapour. It has a separate cap for ease of filling, which can be readily removed for charging purposes. The large capacity will recommend it for general use, and the finish is in best bright nickel.

Size, 24in. long. Price, 21/- each. Code, "Ozaira."

### 'Sprayolite' Essence.

A Deodorizer which purifies the air of your hall, and gives at the same time a most pleasant aroma. Its germ-destroying qualities are vouched for by the "Institute of Hygiene," who subjected it to severe and exhaustive tests before awarding it their Certificate of Merit. The perfume is delightful in use, and can be had in eight different varieties. Unlike other so-called germ-destroying concoctions, its odour does not vanish within a few minutes of spraying, but is apparent for hours afterwards. People visiting theatres where "Sprayolite" is used are charmed with the delightful odour which greets them.

"Sprayolite" is not the cheapest Essence on the market, but it should be remembered that the cheapness of any article should not be gauged by the price, but by the value obtained; and judged by these standards, "Sprayolite" will stand supreme as a scent and disinfectant.

"Sprayolite" is supplied in any of the following perfumes:—Lavender, Violet, Magnolia, Jonquil, Lilac, Pine Carnation, Eau de Cologne, Pink May.

#### PRICES:

1oz. bottle	...	2/-	8oz. bottle	...	7/6
2oz. bottle	...	3/-	1 doz. 8oz. bottles	...	81/-

Every one ounce bottle when diluted with water makes about one gallon of perfume.

Code ... .. "Sprayolite."



## Programme Easels.



For Display of Feature Film Bills, hinged glass door, price £3 : 10 : 0. Code, "Sosegaran."



For Programme Display, &c.  
Note.—This board is of large dimensions, and has 12 lines for announcements.  
Price £3 : 10 : 0. Code, "Soseguis."

The above Frames are extremely well made from best hard wood, and can be supplied in teak, oak (light or dark), or white wood for enamelling, at £3 : 10 : 0 (code "Soseros") each for either showing programmes, &c., or for showing bills.

Extra tin slides for use with above, 6d. each. Code, "Sosias."

Glass slips for sliding in front of announcements, 3d. each. Code, "Sosigan."

## SPECIAL CELLULOID LETTERS.

Full fount of 1,000 2in. and 1½in. Capitals, Figures, Signs and Spaces	£7 : 15 : 0	Code, "Sosisenes."
Half fount of 500 2in. and 1½in. Capitals, Figures, Signs and Spaces	£5 : 15 : 0	Code, "Sosisus."
Stock lines on one piece, such as "To-day's Programme," &c.	2/9 each.	Code, "Sospater."
Descriptive Tablets, "Drama," "Comic," "Travel," &c.	5/- doz.	Code, "Sospolis."
Mounted "Stickers" of best known film makers	1/- doz.	Code, "Soslato."

## Plain White Opaque Celluloid Letters for Film Titles.

Code.		Fount 250 letters.	Fount 500 letters.	Code.
"Soslavar."	1½in. type	12/6	18/6	"Sospelta."
"Sosores."	1in. "	19/6	28/6	"Sospesero."
"Sosos."	1½in. "	23/6	34/6	"Sospeso."
"Sospicho."	2in. "	36/-	54/-	"Sospingl."

The above letters are the best obtainable, and being made from opaque celluloid, are easily washed clean, and are therefore unaffected by any amount of handling. One set of these letters will easily outlast 50 sets of the common cardboard letters, and look well all the time.

## Metal Polish.



The finest Polish for all exterior and interior Brass and Metal Fittings is the

### ALLBOW CREAM METAL POLISH.

After exhaustive trials, it has been proved conclusively that the "Allbow" Polish stands pre-eminent as a metal cleanser. Not only does it thoroughly clean the metal work, but the polish is a lasting one, and positively unequalled.

Sold in screw-topped metal tins, in 6d. (Code "Sortiresti") and 1/- (Code "Sortirons") sizes.

Can be supplied in bulk if desired.

## Uniforms, Attendants' Coats, Equipments and Caps

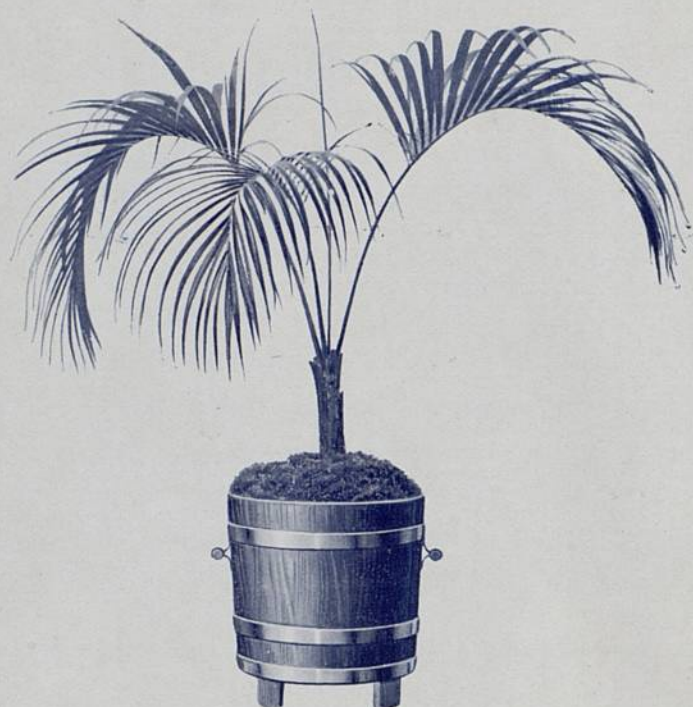
OF EVERY DESCRIPTION.

We can supply any type of Garment required for either Indoor Attendants, Doormen, Porters, &c., most sizes and the usual tints of material are kept in stock, but any description of Uniform can be made to order.

Complete Attendants' Uniforms can be supplied from stock at 21/- per suit.

C





## Beautify your Theatre

By placing in prominent positions choice imitation palms, shrubs, and flowers of every description.

We have a large range of designs in English hardwood tubs, with or without pedestals, and samples can be seen in our showrooms.

Low quotations given upon application.

All artificial flowers can be rendered fireproof at no extra cost, if desired.

Splendid Oak or Teak Floral Tubs, with liners, from 12/6 each complete.

### "HADDON" ROUND TUBS.

	CODE.		CODE.
15in. high, 22/6.	"Sotaque."	18in. high, 30/-.	"Soteribus."
17in. " 25/-.	"Sotavento."	19in. " 35/-.	"Soterrado."

### HANGING BASKETS OF MIXED FLOWERS.

Containing Geraniums, Carnations, Roses, Daisies, Mixed Ferns, etc., from 7/6 to £2 : 2 : 0 each.

## Artificial Palms and Plants for Decorative Purposes.



Palms large leafed and very natural.

3ft. high (approximate) ... 5/- each.

Code, "Sotterrais."

5ft. high (approximate) ... 7/- each.

Code, "Sotterro."

7ft. high (approximate) ... 9/- each.

Code, "Sothiac."

10ft. high (approximate) ... 12/- each.

Code, "Soticapa."

## Geraniums & Daisies any Colours.

About 1ft. 9in. high.

Price of plants, complete without pots, 2/9 each. Code, "Sotion."

" " " potted ... 3/- " " "Sotnia."

## Creeping Plants.

Ivy Geraniums, Rambler Rose, Clematis, etc. ... 1/9 per yard.

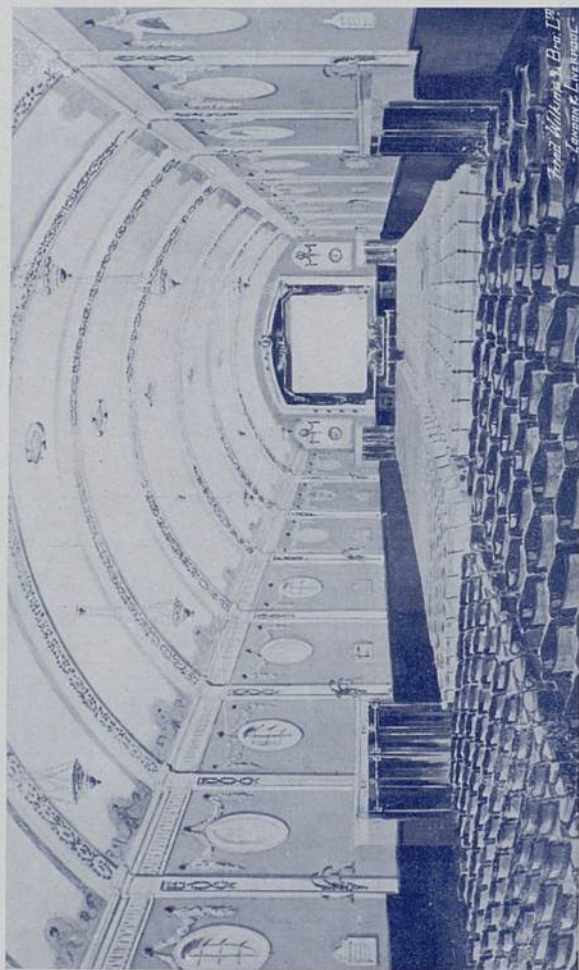
*Packing for above extra and non-returnable.*

All artificial plants can be rendered fireproof to meet Council's requirements, at no extra charge, made to order only.



## Chairs, Seating, Theatre Decoration & Furnishing.

Fibrous Plaster, Painting, Decorating,  
Carpets, Curtains and Draperies.



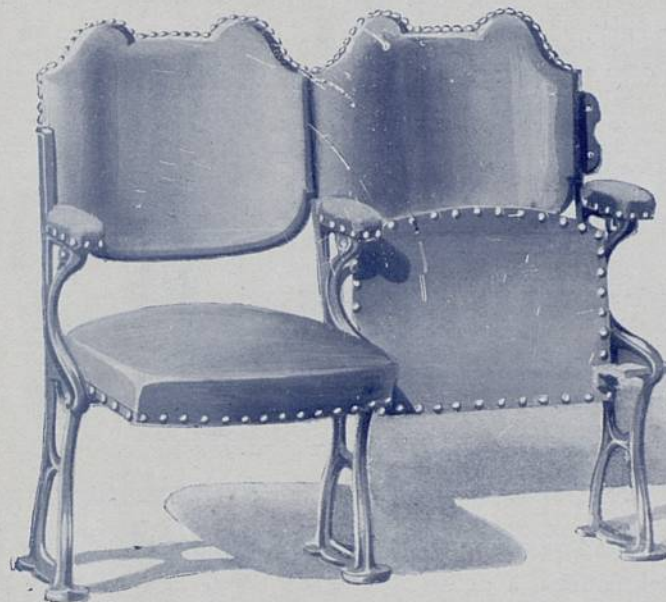
Seating, Furnishings, Scenery,  
Electrical Installations, Fire Curtains.

Agents for FRED. WILKINS & BRO., Ltd.,

Manufacturing Specialists in the Complete Equipment of  
THEATRES, PUBLIC BUILDINGS, BOARD ROOMS, &c.

ESTABLISHED 1897.

## Chairs, Seating, Theatre Decoration & Furnishing, For HOME and EXPORT.



OUR SEATS ARE IN USE  
ALL OVER THE WORLD.

Send for latest Illustrated Catalogue.

OUR MOTTO IS: "EXCELLENCY OF QUALITY."

Agents for FRED. WILKINS & BRO., Ltd.

SEND US YOUR ENQUIRIES FOR COMPLETE FURNISHINGS.



## FIRE EXTINGUISHERS.



### Dry Powder Fire Extinguishers.

Specially suitable for  
celluloid and electri-  
cal fires, where water  
is not suitable.

Can be hung on hook  
in any convenient  
position.

Price ... 5/- each.  
Code, "Souhait."

Refills ... 1/9 each.  
Code, "Souillons."

### Hand Fire Grenades.

EASILY HANDLED.  
VERY EFFECTIVE.

These Grenades contain a new  
combination of chemicals of  
great power, which when re-  
leased on a fire give off an  
immense volume of gas, com-  
pletely extinguishing the fire.



Price per  
dozen 36/-  
Code,  
"Soujee."

Wire Baskets to hold—  
EACH. CODE.

2 Grenades, 10d. "Soulager."  
3 " 1/6. "Soulama."

We can quote for Hydrants, Hose, etc., upon application.

### Fire Buckets for Picture Palaces (2 galls. capacity).

Galvanized iron, very strong.  
Painted vermillion outside and  
white inside, and lettered FIRE  
in black letters.

Price ... 36/- per dozen.  
Code, "Soulcies."

### Boards and Hooks for Buckets.

To hold 3 buckets  
7/6 each.

Code,  
"Soulevait."

To hold 6 buckets  
10/6 each.

Code,  
"Soulevons."

Hooks only 1/-  
each.

Code,  
"Soulier."



### Conical Chemical Fire Extincteur.

Made in accordance with  
the Regulations of the  
Fire Offices Committee.

Cannot get out of order.

Once charged, the ma-  
chine will remain ready  
for use for an indefinite  
period.

Size. Price.  
1½ gall., £1 15 6 each  
Code, "Souligne."

2 " £2 7 6 "  
Code, "Soumisses."

Brackets, 5/6 each.  
Code, "Souplant."



## Section 3.

Ernemann's Imperator Projector.

Electrical Lighting, etc.

Incandescent Gas Lamp. Acetylene Jets.

Oxy-Hydrogen Jets. Gas Gauges.

Oxy-Hydrogen Regulators.

Acetox Acetylene and Oxygen Fittings.

Acetylene Generators. Limes.

Oxygen Cylinders. Hand-feed Arc Lamps.

Asbestos Tube, etc. Cable.

Fuse Wire. Volt and Ampere Meters.

Switches. Fuses. Small Motors.

Rheostats. Motor Generators.

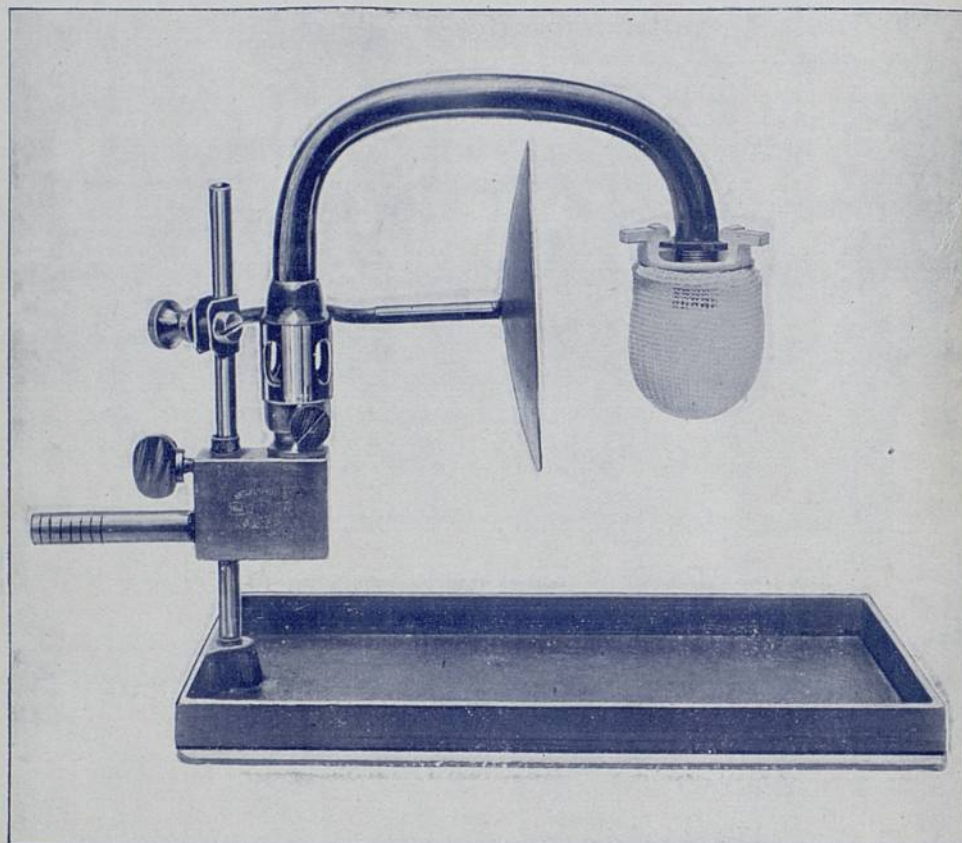
Dynamos. Transformers.

Flash Torches. Sundries

Expert Electricians are always ready to proceed to  
any part of the United Kingdom in the event of their  
services being needed, therefore it is well to remember  
our 'Phone Number, 4577 Gerrard, and our Telegraphic  
Address, "Titles, Westrand, London," in case of a break-  
down. We also keep a fully equipped workshop for  
repairs of every description.



## INVERTED INCANDESCENT GAS LAMP.



Suitable for optical projection or enlarging. It is both cleanly and handy, and may be fitted up with the least possible trouble. Moreover, it gives a fair result on the screen when used to project pictures not larger than five or six feet in diameter. The disadvantage of incandescent gas as an illuminant for the optical lantern is the fragility of the mantles. With the inverted mantles, this difficulty, though not overcome, is reduced to a minimum, the mantles being supported all along the open edge. In addition, this improved form gives a better light, it is more condensed, and therefore approximates more nearly to the perfect illuminant. A further advantage is that there is no reflected texture of the mantle on the screen. The brass jet, for carrying the mantle, is curved, and is fitted with an air regulator and a small screw-down valve to regulate the pressure of the gas. It is supported on a cast-iron tray as in the upright form of incandescent burner.

### SPECIFICATION.

INVERTED INCANDESCENT GAS LAMP, AS DESCRIBED.	Price each.	Code.
Complete Outfit, as specified...	£ s. d. 0 14 3	Rundfisch
No. 1a. Cast-iron Tray with polished brass upright rod ...	0 2 3	Rundhacke
Brass Jet, bronzed and lacquered, with Mantle, complete ...	0 9 0	Rundlauf
Silvered Reflector, with telescopic adjustment and with clamp and nut ...	0 3 0	Rundlich
Mantles for ditto ...	0 1 0	Rundperle

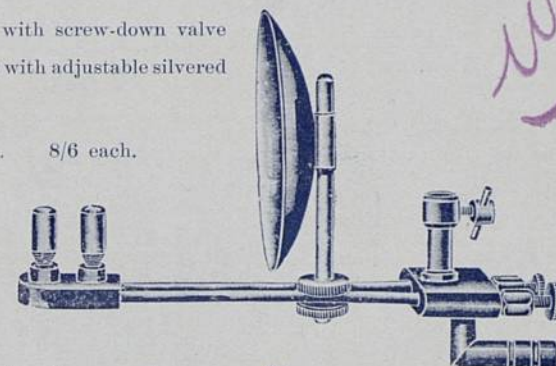
## ACETYLENE JETS

(REGISTERED DESIGN).

No. 1. Two-burner Jet with screw-down valve to each burner. Complete with adjustable silvered reflector.

Price ... 8/6 each.

Code, "Rundreim."

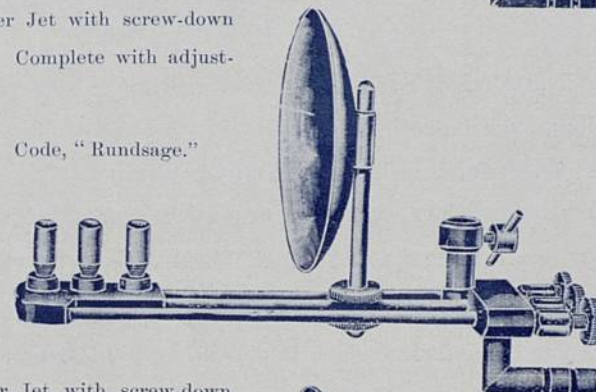


No. 2. Three-burner Jet with screw-down valve to each burner. Complete with adjustable silvered reflector.

Price, 10/6 each. Code, "Rundsage."

If Elta burners are desired, 10d. each burner extra.

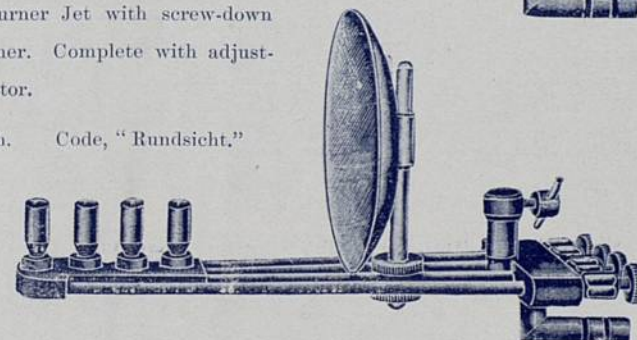
Code, "Rundsamig."



No. 3. Four-burner Jet with screw-down valve to each burner. Complete with adjustable silvered reflector.

Price, 12/- each. Code, "Rundsicht."

These Jets have independent supply to each burner, so that 1, 2, 3 or 4 lights can be used as desired.



### BURNERS FOR ACETYLENE.

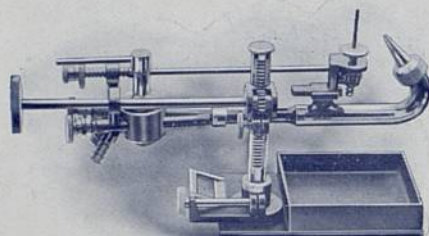
"Elta" Double Burner, which can be screwed to any of our gas supports, each 1/- Code, "Rundsopha."

"Beto" 2ft. Burner, price per dozen, 1 6. Code, "Rundtang."



## 'GWYER JET,' No. 2.

FITTED WITH MECHANICAL TRAY.



The "GWYER" Jet now offered to the public is the result of long experience in the manufacture of high power Jets. Not only does the special design enable us to obtain the highest efficiency, but every part is the result of careful experiment and workmanship, and is without a doubt one of the best Jets ever produced for Cinematograph work.

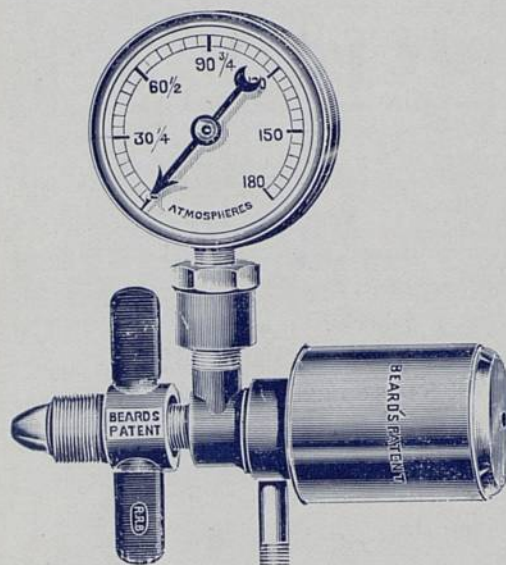
The No. 2 Jet gives approximately 2,500 candle power, and is particularly useful for an Enlarging Lantern as well as Cinematograph Projection, having an increase of approximately 500 candle power over the older type. This Jet is fitted with a cut-off and arrangement for adjusting the lime.

The cut-off tap reduces the gases in succession, leaving only a small hydrogen by-pass flame, and is a great convenience if the light is not required during the interval in a lecture.

Price of No. 2 "Gwyer" Jet, mounted on Mechanical Tray, complete, £4 : 5 : 0.

Code ... .. "Rundung."

## Patent Automatic Gas Regulators & Gauges.



**Automatic Regulators** will automatically regulate the gases from the bottle and give off an even lesser pressure, so as to place the bottle gases perfectly under control, either for a Triple, Bi-unial, or Single Lantern, and will fit any make of cylinder.

Dissolving and Effects produced at will without any diminishing of light, and without any alteration of your apparatus (simply regulate your jet taps as if using bags), and when two or three jets are required at same time the supply is automatically increased without altering the pressure.

**Pressure Gauges** as shown attached to Regulator above are specially made for use on cylinders containing oxygen, hydrogen, or other gas under a high pressure, the utmost care being exercised in manufacture to make them absolutely reliable and safe under all circumstances. They are graduated and tested under water pressure, and the strictest precautions are taken to prevent the access of even the slightest trace of oil to the interior of the Gauge.

The backs of all these Gauges are made in the form of a hinged flap held down by a light spring, and serving to instantly relieve the pressure inside the case of the Gauge in the event of gauge-tube giving way.

**Combined Gauges and Regulators.**—This is the most convenient and safest form of cylinder fittings. The operator can watch the consumption of gas during the progress of the exhibition, and work his light accordingly.

On no account use any form of oil on any part of the above fittings.

### PRICES.—OXYGEN OR HYDROGEN.

Best quality Automatic Regulators .....	21 — each.	Code, "Rundungen."
Reversible Coupling .....	2/6 "	Code, "Runcraft."
Branch T Piece to take Gauge .....	5 — "	Code, "Runen."
3in. dial Pressure Gauge (coupling 2/6 extra)...	30/- "	Code, "Runenstab."
2 3/4 in. ditto ditto .....	25/- "	Code, "Runfla."
Combined Gauge and Regulator .....	52 6 "	Code, "Runflada."

## INTERMEDIATE SUPPLY VALVES.

Supplied to fit Standard Size Cylinders.

This is usually known as a fine adjustment valve, and by using this the more expensive regulator can be dispensed with. It is quite noiseless in its working, and no limelight outfit is complete without a pair of these valves, as in the event of an automatic regulator failing in its action, the fine adjustment valve can be used.

Price, 6/- each.

Code, "Runico."





## SPECIAL ATTENTION.

I have had numerous applications from all parts of the Universe for an **independent** or **self-contained** form of lighting suitable for Cinematograph Projection, where it is impossible to obtain electric current, and for use in the Colonies in up-country Settlements or outlying districts, Schools, Colleges, &c., and I have no hesitation in recommending my new "**ACETOX**" Apparatus as being quite the safest and best for use under these conditions.

THE OUTFIT consists of:—

- 1 Imperial Generator for Acetylene Gas.
- 1 Acetox Jet (Injector).
- 2 Lengths of Tubing (armoured rubber).
- 1 Cylinder of Oxygen.
- 1 Mechanical Tray.
- 1 Gland Key.
- 1 Special Acetox Combined Gauge and Regulator.
- 1 "Diamant Guil" Pastil.
- 1 Pastil Holder.

With this Outfit it is quite simple and easy to get a highly concentrated light equivalent to 30 amps. D.C., and will prove a boon to travelling showmen and others. Its low cost is at once a certain recommendation for its adoption.

### AVERAGE RUNNING COST.

Oxygen, 5ft. per hour at 2d. per foot ... ..	s. d.
Acetylene Gas ( $\frac{1}{2}$ lb. Calcium Carbide at 6d. per lb.) per hour	10
	3
Per hour	1 1

*One Pastil lasts, when handled with care, several exhibitions.*

Prices and full particulars of all attendant apparatus will be found on the following pages.

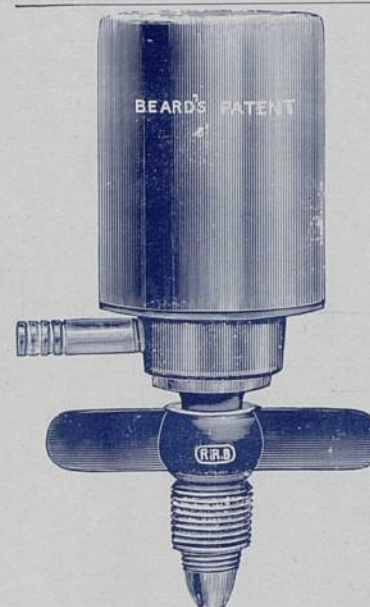
## BEARD'S Patent Automatic Regulators.

The Automatic Patent Regulator has now had many years' trial and run the gauntlet of competition. It maintains the highest reputation for efficiency and durability, while the quality and workmanship is without fault.

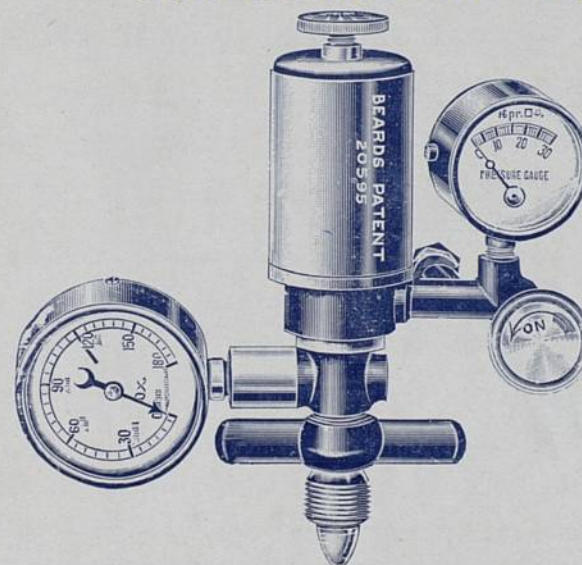
The advantages of the Regulator are:—

- (1) It can be absolutely relied on. (2) That it does automatically control the compressed gas at unequal pressures. It is found the best in practice and the most suitable for triple, bi-unial, single lantern and cinematograph work.

Price .. .. £1 : 1 : 0.  
Code, "Runique."



## SPECIAL ACETOX COMBINED GAUGE & REGULATOR. VARIABLE PRESSURE REGULATOR.



This Regulator is constructed on similar lines to our Patent Automatic Regulator, and is suitable for every description of lantern exhibition, and also for workshop and blow-pipe work, also is specially recommended as being the only regulator safe to use with the acetylene jets.

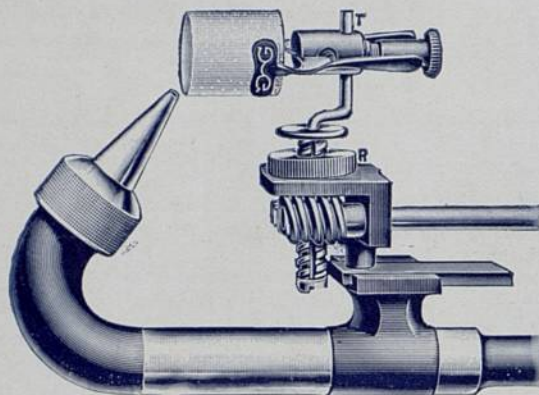
The Regulator will deliver gas at any required pressure up to the indicated pressure on gauge, as marked. Should this be exceeded a safety valve is fitted and the excess pressure is released.

The Milled Head Screw on top of Regulator is for controlling the pressure, and the fine adjustment valve on the outlet tube for adjusting the pressure required.

Price of Regulator, with Registering Pressure Gauge and Gauge for registering pressure in cylinder, £3 : 3 : 0. Code, "Runkoek."



## New 'Diamant Guil' Pastil.



MOUNTED ON A GWYER JET.

Composed of compressed oxides of rare earth (thorium and cerium) baked in electric ovens at a very high temperature, these pastils are intended to replace limes for projection work in all its applications, military, lighthouse signals, etc.

They are small in volume, and can be easily carried. **They are not subject to deterioration from atmospheric conditions**, thus obviating hermetic sealing; moreover, the "DIAMANT GUIL" Pastil, when handled with care, can be used **continually** until completely worn out, if before each display it is rubbed lightly on a soft file or sand paper, in order to place a smooth surface towards the flame.

By means of the clip shown above they can be **used on any jet or carburetor** in existence, and need no revolving, as in the case of the lime, because the flame acts on the end of the cylinder and does not pit.

The 'Diamant Guil' Pastil cannot be fused, and is unaffected by the highest temperatures. The consumption of gas is **five times less than with the lime, for the same intensity of light**, and the luminous point is so reduced that it almost equals the arc lamp, and therefore allows perfect centering.

The "Diamant Guil" Pastil is equally applicable to enlarging apparatus, as the light given is actinic, and is as rich in ultra-violet radiations as the spectrum of the arc lamp.

Each Pastil is put up in a cylindrical wood case, bearing the mark "Diamant Guil."

These Pastils are specially recommended for use with the Acetox Acetylene Gas outfits.

PRICES.—Small size, $\frac{1}{2}$ in. by $\frac{3}{4}$ in. ... ..	each 2s. 6d.	Code, "Runlet."
Large size, $\frac{3}{4}$ in. by $\frac{3}{4}$ in. ... ..	3/-	" "Runologue."
Special Nickel Holder ... ..	1/9	" "Runzellig."
Bent Lime Pin (to increase distance between pastil & nozzle) ... ..	9d.	" "Runzellos."
Special Washer for clamping Lime Platform ... ..	3d.	" "Runzeln."

## LIMES.



### LIMES.—In Glass Cylinders.

Each lime specially selected for quality and closed in airtight glass cylinder.

Size 1 by  $1\frac{1}{2}$  in. ... .. 4d. each  
Code, "Ruolo."

Size  $1\frac{1}{4}$  by  $1\frac{1}{2}$  in. ... .. 6d. each  
Code, "Ruolzer."

### LIMES IN TINS.

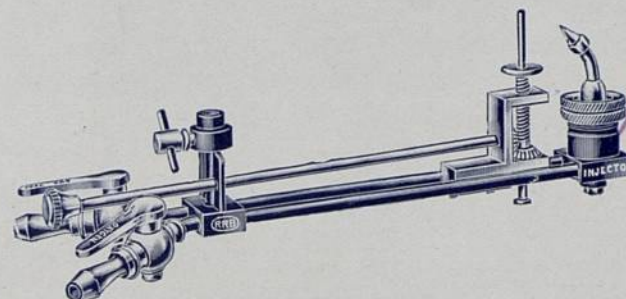
**LANTERN LIMES.**—Size 1 in. by  $1\frac{1}{2}$  in., 12 in tin, at 2/- per tin. Code, "Ruodand."

**CINEMATOGRAPH LIMES.**—Size  $1\frac{1}{2}$  in. by  $1\frac{1}{2}$  in., 6 in tin, 2/6 per tin. Code, "Ruodland."  
Size  $1\frac{1}{2}$  in. by  $1\frac{1}{2}$  in., 6 in tin, 3/6 per tin. Code, "Ruodlich."

Packed in special air-tight tins. Specially selected and thoroughly reliable.

## SPECIAL 'ACETOX.'

### Acetylene & Oxygen Jet (Injector Pattern).



The oxygen is supplied at a pressure of from 5 to 15 lbs., the higher the pressure the greater the volume of light. The Acetylene Gas must be drawn from a Generator which has a floating Container, the action of the high-pressure oxygen is to suck the Acetylene Gas from the Container. This jet can also be used with the ordinary house gas and oxygen under pressure from a cylinder.

Price of Jet ... £1 : 5 : 0. Code, "Ruother."

## The Imperial Automatic Acetylene Gas Generator.

### (Cold Generation of Gas).



This Acetylene Gas Generator has been specially designed and produced to meet the demand for a cheaper form of apparatus whereby the gas is generated and purified by a cold automatic process and is extremely safe, simple to use, highly efficient and very portable.

No. 1 size for 2 lights lasts 5 hours, £1 : 7 : 6.  
Code, "Ruotina."

Extra Carbide Holders, 8/6 each.  
Code, "Sonsonete."

No. 2 size for 3 lights lasts 5 hours, £2 each. Code, "Ruotone."  
Extra Carbide Holders, 9/6 each. Code, "Sonst."

No. 3 size for 4 lights lasts 5 hours, £2 5s. each. Code, "Rupellary."  
Extra Carbide Holders, 12/6 each. Code, "Sonstige."

One Patent Carbide Holder is included with each Generator.



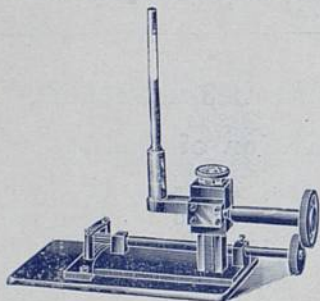
**SEAMLESS STEEL CYLINDERS FOR COMPRESSED OXYGEN.**

For use with the new ACETOX Light:



Suitable for Compressed Oxygen or Coal Gas.  
SPECIFICATION.

Cubic contents in feet at atmospheric pressure.	Approximate external diameter in inches	Approximate length over all in inches including Valve.	Approximate weight in lbs. (empty)	Price of Cylinder with Valve.	Code.	Extra for Rope Cover.	Code.
6	4	14	10	26/6	Rupicone	3/6	Rupeorum
10	4	19	13	28/-	Ruptistus	4/-	Ruperto
12	4	23	15	30/-	Rupitao	4/6	Ruperunt
15	4	27	18	31/-	Ruppig	5/-	Rupestre
20	4	35	23	33/-	Ruppinio	5/6	Rupfen
40	5½	36	45	49/6	Rupsjes	7/6	Rupferin
60	5½	50	66	59/6	Ruption	9/6	Ruphase
60	7	32	66	68/-	Ruptoire	9/6	Rupftest
80	7	41	85	79/-	Ruptorio	13/-	Rupia
100	7	49	103	93/-	Ruptos	16/-	Rupicola

**MECHANICAL TRAY FOR ACETOX JETS.**

Beautifully made and splendidly finished in every detail, fitted with both Vertical and Horizontal movements.

Price complete, 18/- each.

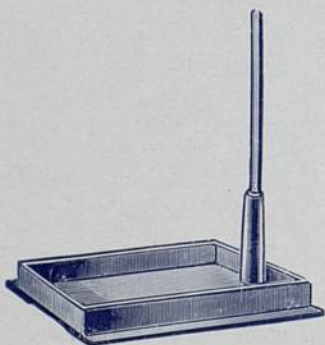
Code, "Ruptuary."

**PILLAR AND TRAY FOR LIMELIGHT.**

Fitted with Cast Tray to meet L.C.C. requirements.

Price, 1/6 each.

Code, "Rupturing."

**FITTINGS AND ATTACHMENTS FOR LIMELIGHT AND ACETYLENE APPARATUS.****VALVE KEY.**

Substantially made with wooden handle, as shown, 2/- each.

Code ... "Sonship."

**Gland Key & Cylinder Key**

Universal Key and Spanner, 2/6 each.

No limelight outfit is complete without one.

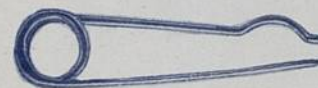
Code ... "Ruqueta."

**Lime Tongs and Borer Combined.**

Made of stout brass.

A most useful adjunct, price 4½d. each.

Code ... "Rurabimur."

**RUBBER TUBING.**

Best quality extra thick walled Rubber Tubing, specially selected for use under high and low pressure, 10d. per foot. Code, "Rural."

Special quality Rubber Tubing, armoured with stout coiled wire outside tube, 1/3 per foot. Code, "Ruralism."

**METALLIC TUBING.**

Fitted with Grey Rubber Push-ons, for use in L.C.C. Halls.

Code, "Ruralists." 3ft. long, 1/6 each.

Code, "Ruralite." 4ft. long, 2/- each.

Code, "Ruralness." 5ft. long, 2/6 each.

**BRASS TUBE CONNECTIONS.**

Code, "Ruramur."	¾in. Connection, straight, to use with Rubber Tubing,	4d. each.
" "Ruratio."	¾in. Y-shaped Junction,	1/- "
" "Sunroseos."	¾in. " " " " " "	1/6 "

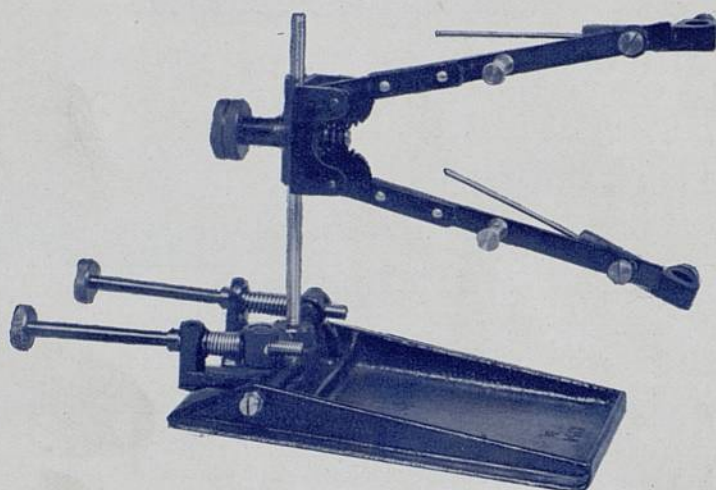
**FITTINGS FOR LIME & ACETYLENE JETS**

Code, "Sousacar."	Nipples for Injector Jets...	1/6 each.
" "Sousaco."	Lime Pin, Screw and Table for Mixed Jets	2/6 "
" "Sousaque."	Lime Pin and Table	1/- " D



## The 'Aladdin'

### HAND-FEED ARC LAMP.



A new and novel form of scissor type Arc Lamp, suitable for use on either Alternating or Direct Current, made from the best possible materials, and perfectly insulated. The Carbon Holders are fitted so that they can be used either as Scissor or Vertical-feed, and all the necessary movements are fitted to the Mechanical Tray attachment.

This Lamp has a carrying capacity of 15 amps., and where only a small amount of current is required, it is the Lamp Par-excellence.

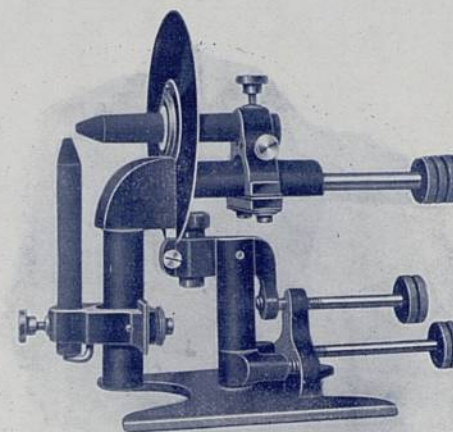
Price of Hand-feed Lamp, with Carbon Holders, 16/- each.  
Code, "Soupasses."

Price of Mechanical Tray, 9/- each. Code, "Soupeon."

Complete Lamp & Tray, as photo, 25/- each. Code, "Soupentes."

## The 'Gem.'

### Right Angle 90 Degree Hand Feed.



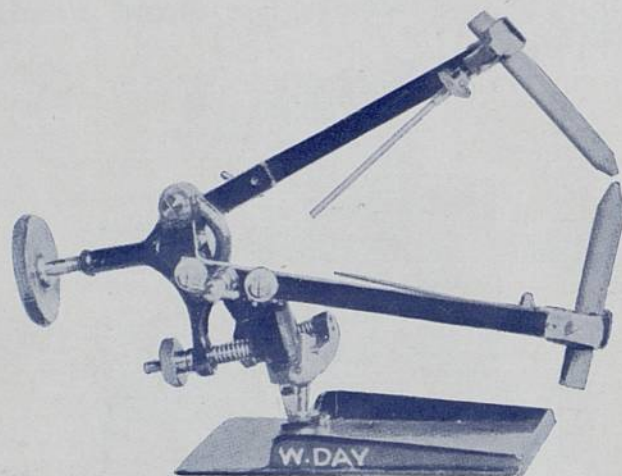
The Right Angle Arc Lamp has a great advantage over the upright form, giving a more direct light and being more easily fed; particularly on alternating current it is a decided advantage, and moreover the space occupied enables the "Gem" Right Angle Arc to be effectively used in even the smallest sized lantern body. A Brass Lantern Tray is supplied with each "Gem," and is fitted with a pillar and tilting movement so as to enable the lamp to be focussed and centred accurately in a large or small lantern. Lamp to take up to 25 amps., as above illustration. Specially suitable for theatrical work, perch lights, &c.

Price, £2 : 0 : 0 each.

Code, "Soudure."



## The 'Handy.'



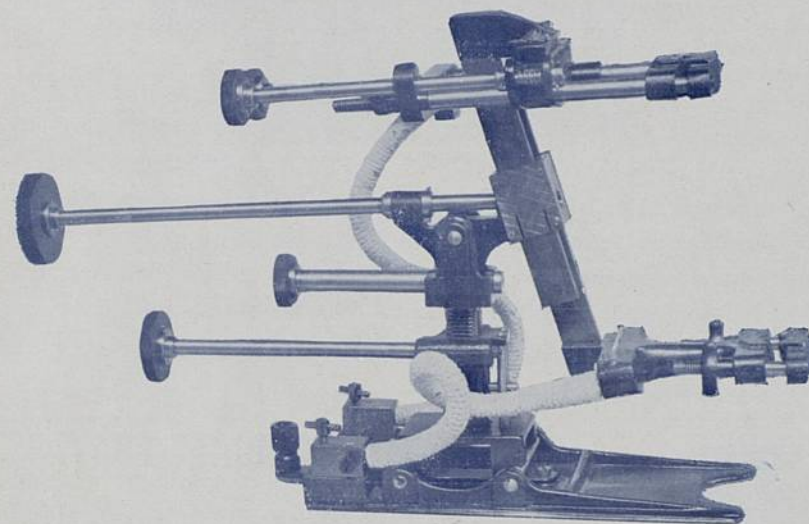
This unique design for an inexpensive Hand-feed Arc Lamp is perhaps the best yet produced where a carrying capacity not exceeding 25 amperes is required. It can be used as a Vertical-feed Arc Lamp for use on direct current, or changed in a few seconds to a Scissor-feed Arc Lamp for use on alternating current. All the usual movements are fitted—raising, tilting, feeding and lateral—and it is very simple, yet substantial in its construction. It is an ideal lamp for use in conjunction with stage effect lighting.

Price complete, mounted on cast-iron tray, £2 : 5 : 0 each.

Code ... .. "Aavora."

## The 'Saturn.'

The Lamp that WILL Stand Wear.



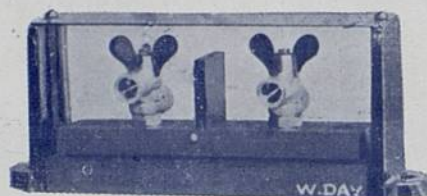
Of new and original design, and of far heavier build and greater capacity than all other Hand-feed Arc Lamps. It will be noticed that the above lamp is fitted with the extra top carbon movement, which is such a boon to the user, allowing the top carbon to be brought instantaneously into alignment, and thereby keeping the light crater dead central. The new and distinctive features and unique design of this lamp are readily apparent. Steel pressure springs are fitted to the feed jaws to ensure extreme rigidity so necessary to the perfect working of the Hand-feed Arc Lamp. It will be noticed that the rear terminals are so arranged that the leads from the mains butt on to the Arc Lamp leads, thereby creating no loss of current. Carrying capacity, 80 amperes; or can be supplied, if so desired, specially insulated, to carry up to 120 amperes, for 10/- extra.

Price complete, with Asbestos Leads, £5 : 10 : 0.

Code, "Abacaena."

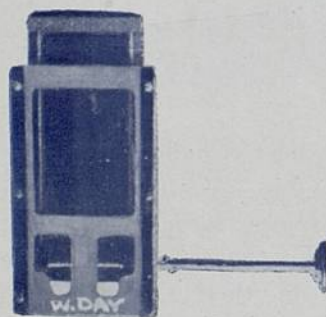


## THE 'CAPSTAN.'



Terminal Blocks for fixing at rear of Projector Stand for use with the "Saturn" Arc Lamp, fitted with two pairs of heavy brass terminals. Leads run direct from main to arc lamp. Safety guard and shield attached, mounted on heavy fibre base.

Price 10/- each. Code, "Abacellar."



## MECHANICAL TRAY.

Suitable for either of the aforementioned lamps, to give advancing and retarding movement, very heavily constructed in steel with grooved runners, two sides adjustable.

Price ... £1 each.  
Code, "Abacerias."

## ASBESTOS COVERED FLEXIBLE COPPER LEADS.

Suitable for the "Saturn," etc., pattern Arc Lamps ... 3/6 per pair.  
Code, "Abacetes."

1 yard long, suitable for the "Saturn" Arc Lamp, 80 amps.,  
10/- per pair. Code, "Abaciales."

1 yard long, suitable for the "Saturn" Arc Lamp, 120 amps.,  
18/- per pair. Code, "Abaciscus."

## Cables for Cinematograph Work.

DIRECT OR ALTERNATING CURRENT.



The following list of Cables has been carefully compiled and the current these cables will carry is in accordance with the standards fixed by the Institute of Electrical Engineers.

400 MEGOHM GRADE.				Price		Per coil of 55 yds.		
Volts.	Amperes.	Gauge.		per yard.		£	s.	d.
110	25	7/16	...	1/-	...	2	10	0
110	35	7/14	...	1/4	...	3	3	6
110	50	19/17	...	1/6	...	3	19	0
110	60	19/16	...	1/10	...	4	18	0
110	75	19/15	...	2/2	...	5	15	0

800 MEGOHM GRADE.				Price		Per coil of 55 yds.		
Volts.	Amperes.	Gauge.		per yard.		£	s.	d.
230	25	17/16	...	1/4	...	2	15	0
230	35	17/14	...	1/6	...	4	2	6
230	50	19/17	...	1/8	...	4	12	6
230	60	19/16	...	1/11	...	5	10	0
230	75	19/15	...	2/2	...	6	0	0

*The above prices are subject to market fluctuations.*



## Fuse Wire.

ADMIXTURE OF LEAD AND TIN.

To fuse at					
24 amperes	...	...	10d.	per	1/4 lb. reel
33 "	...	...	10d.		"
45 "	...	...	9d.		"
55 "	...	...	9d.		"
65 "	...	...	9d.		"

## Tinned Copper Fuse Wire.

To fuse at					
50 amperes	...	No gauge	...	10d.	per 1/4 lb. reel.
75 "	...	"	...	10d.	"
100 "	...	"	...	10d.	"



**VOLTMETERS.****6in. dial—**

Reading 0 to 100 volts,  
£1 : 17 : 6 each.  
Reading 25 to 250 volts,  
£2 : 10 : 0 each.

**4in. dial—**

Reading 0 to 100 volts,  
£1 : 10 : 0 each.  
Reading 25 to 250 volts,  
£2 : 5 : 0 each.

**AMMETERS.****6in. dial—**

Reading 0 to 50 amperes,  
£1 : 15 : 0 each.  
Reading 0 to 100 amps.,  
£2 : 5 : 0 each.

**4in. dial—**

Reading 0 to 50 amps.,  
£1 : 12 : 6 each.  
Reading 0 to 100 amps.,  
£1 : 15 : 0 each.

**ASBESTOS COVERED FLEXIBLE CABLE.**

To carry	Per yard.	To carry	Per yard.	To carry	Per yard.
50 amperes,	8/-	...	80 amperes,	10/-	...
120 amperes,	18/-				

**ASBESTOS TAPE.**— $\frac{1}{2}$ inch wide ... price 5/- per lb.  
 $\frac{3}{4}$ inch wide ... price 5/- per lb. 1inch wide ,, 5/- ,,

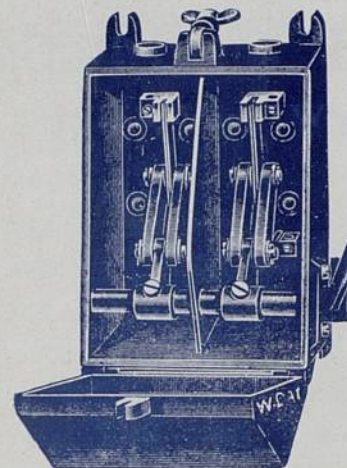
**ASBESTOS STRING.**—Various diameters ... price 5/- per lb.

**ASBESTOS TUBING.**—A splendid article for Sheathing Main Supply Cables to Arc Lamps, etc., etc.  
Stocked in  $\frac{1}{2}$ inch and  $\frac{3}{4}$ inch bore ... 5/- per lb.

**BLACK ADHESIVE TAPE** (Best quality)—  
 $\frac{1}{2}$ inch and  $\frac{3}{4}$ inch or 1inch in width ... 2/6 per  $\frac{1}{2}$ lb. roll.

**PURE RUBBER TAPE.**— $\frac{1}{2}$ inch,  $\frac{3}{4}$ inch, or 1inch ... 11/- per lb.  
*All the above Goods are subject to fluctuations in price.*

## REGULATION, ENCLOSED TYPE L.C.C. DOUBLE POLE IRON CLAD SWITCHES.



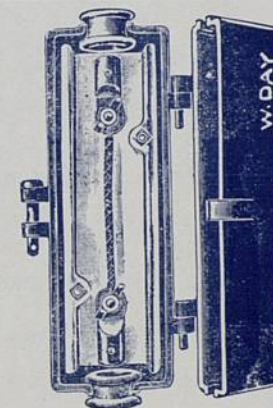
Total enclosed, all parts insulated with mica and iron case lined with asbestos, designed to suit circuits from 250 to 600 volts.

Up to 25 amps. ...	...	...	22/6
„ 50 „ ...	...	...	30/0
„ 75 „ ...	...	...	40/0
„ 100 „ ...	...	...	45/0

**FUSE BOXES OR CUT-OUTS.**

Iron-clad, asbestos lined, meeting in every way the most stringent regulations of Corporation Engineers. The porcelain base and bushes are of the best English china.

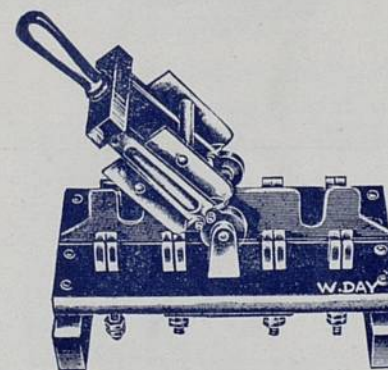
Up to 50 amps. ...	...	...	12/0 pair
„ 500 „ ...	...	...	17/6 „

**DOUBLE POLE CHANGE-OVER SWITCHES.**

Well made and highly finished, mounted on slate base. Very rapid in action and of good "off" position.

Capacity 50 amps.,	£1/10/0 each
„ 100 „	£2/17/6 „

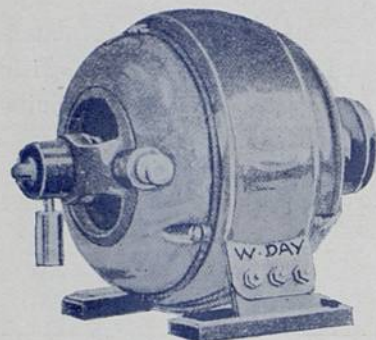
Steel Covers for above, fitted 50 amps., 7/6 each.  
Ditto, 100 amps., 10/0 each.





## Small Power Motors.

The Best and Most Reliable Obtainable.



For **Direct Current** Shunt Wound  $\frac{1}{4}$ th h.p. 1440 revolutions a minute, fitted with  $1\frac{1}{2}$ in. pulleys. Very strong and serviceable, and built specially for driving Cinematograph Projectors. Stocked for 70 volts, 100 volts and 200 volts at £4 each.

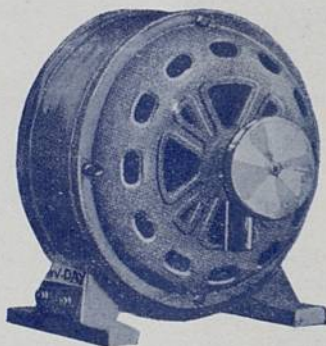
When ordering state clearly voltage required.

For **Alternating Current** Single Phase extra heavy  $\frac{1}{4}$ th h.p. at £4 : 15 : 0.

Starting Switch, 5/- each.

Two and Three Phase extra heavy  $\frac{1}{4}$ th h.p. at £4 : 15 : 0.

Starting Switch, 5/- each.



When ordering state clearly voltage and periodicity, and if for Single, Double or Triple Phase.

**Leather Belting**, specially prepared for small power motors.

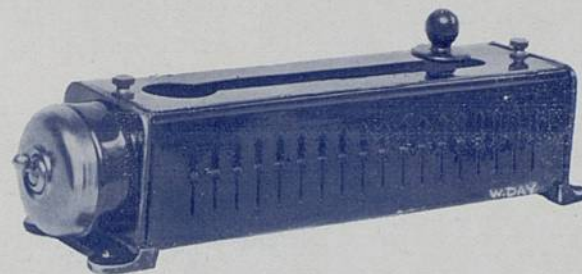
$\frac{1}{8}$ in. Round Leather Belting, ordinary ... 3d. per ft.

$\frac{1}{8}$ in. Twisted Raw Hide Belting, extremely strong, and of a very lasting nature ... 4d. per ft.

Steel Hooks for fastening belts ... 1d. each, 9d. per doz.

## Special Control Resistances

FOR SMALL POWER MOTORS.



The 'University.'

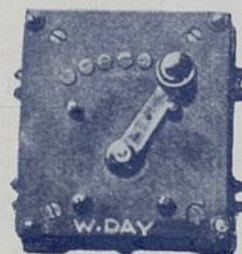
A new type of Graduated Resistance to give a very minute variation of speed. The finest possible type of Control for Direct Current Motors; also very effective for use as a dimmer in theatres &c. Stocked in the following voltages for use with our standard  $\frac{1}{4}$ th h.p. D.C. Motors:—60, 70, 80, 100, 200 or 400 volts D.C. Complete with Cut out Switch.

Price ... £1 : 1 : 0 each complete.

**TEAK BASE BOARDS**, suitable for mounting above controls.

Size,  $9\frac{1}{2}$ in. by  $9\frac{1}{2}$ in.

Price, 3/- each.



## STARTING SWITCHES FOR SMALL MOTORS.

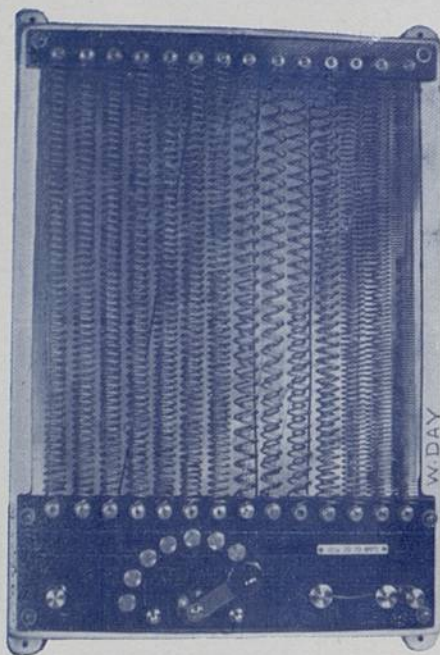
Ordinary type. For Direct Current  $\frac{1}{4}$ th h.p., any voltage from 60 to 200.

Price ... 20/- each.



## Rheostats or Resistances

(WALL TYPE.)



These Resistance Frames are entirely British made throughout, from the best possible materials, and every Frame is tested under full load before being sent out.

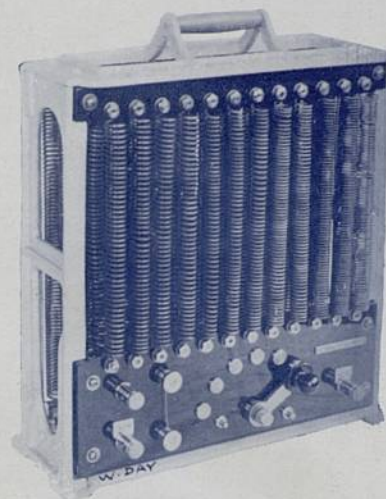
The remarkable quality of our Resistances is too well known to need emphasising here. Suffice it to say that rheostats of Jury's Kine Supplies Ltd. manufacture are now to be found in use in most of the leading Picture Theatres and Music Halls throughout the Universe. They are substantially mounted on heavy wrought-iron frames, painted aluminium, with specially selected slate mounts. The coils are composed of a special alloy, well spaced apart for ventilation, and are guaranteed not to sag or unduly heat, and every coil is graduated to carry its proper load. The switch is of a heavy laminated type, ensuring certain contact. A pair of fuse wire terminals are provided. We cannot warn buyers of resistance frames too strongly against the trash that is often offered for sale under the title of a resistance frame.

Code.	Size.	Line Voltage.	Arc Voltage.	Amperage	Each.	Wire Guards.
		Volts.	Volts.		£ s. d.	£ s. d.
Soupir	1	70	50	10-30	2 10 0	8 6
Soupireur	2	70	50	20-50	2 15 0	8 6
Souplesse	3	70	50	20-60	3 0 0	10 0
Souquer	4	70	50	20-70	3 10 0	10 0
Sourcils	5	70	50	20-80	4 5 0	15 0
Sourdeline	6	110	50	10-30	3 0 0	10 0
Sours	7	110	50	20-40	3 5 0	10 0
Souriant	8	110	50	20-60	3 15 0	10 0
Sourirai	9	110	50	20-70	4 5 0	15 0
Souriront	10	110	50	20-80	5 5 0	1 0 0
Sournois	11	110 and 220	50	10-30	4 5 0	15 0
Souscrire	12	110 and 220	50	20-40	5 0 0	1 0 0
Souscrit	13	110 and 220	50	20-60	6 0 0	1 0 0
Souslik	14	110 and 220	50	20-70	6 10 0	1 0 0
Soustrage	15	110 and 220	50	20-80	7 10 0	1 0 0

Any size and capacity Resistance quoted for on application.  
Efficient Wire Guards are needed to pass Council's requirements.

## Rheostats or Resistances

(FLOOR TYPE.)



These Resistance Frames are entirely British made throughout, from the best possible materials, and every Frame is tested under full load before being sent out.

This type of **Portable** Rheostat has been produced to meet the want of a temporary resistance, and is a great necessity for every travelling show. Also it has been found a great boon to the larger circuits of Electric and other theatres to have one or two of these frames always ready in case of emer-

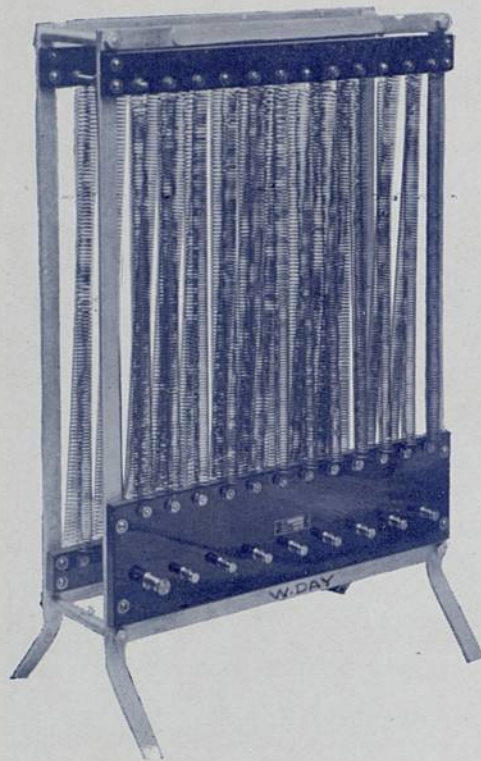
gency, such as breakdown of motor generator, &c., which can be despatched at short notice and readily installed to deliver temporary supply whilst any necessary repairs are effected, thus avoiding any serious stoppage of a performance.

Code.	Size.	Line Voltage.	Arc Voltage.	Amperage.	Each.	Wire Guards.
		Volts.	Volts.		£ s. d.	£ s. d.
Soustrait	16	110 and 220	50	10-30	5 0 0	1 0 0
Soutaches	17	110 and 220	50	15-40	5 10 0	1 0 0
Soutane	18	110 and 220	50	25-60	6 10 0	1 0 0

Any size and capacity Resistance quoted for on application.

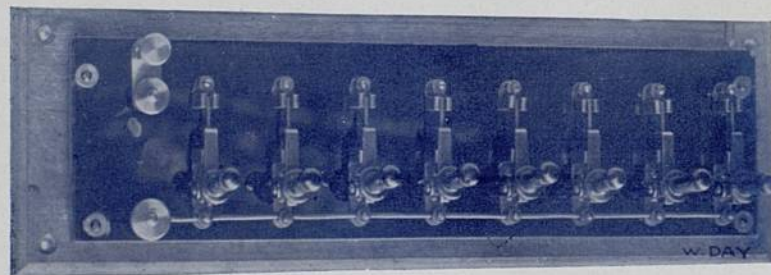
Efficient Wire Guards are needed to pass Council's requirements.





### PARALLELING RESISTANCE FRAMES WITH SEPARATE CONTROL BOARDS.

This new design of Paralleling Resistance offers without a doubt the finest means of a stand-by from your main supply that could be devised. It meets every requirement of the Council, inasmuch that the supply voltage to the arc lamp is always reduced to 50 volts on any single or multiple number of switches. Unlike the ordinary Rheostat, which is controlled by increasing or decreasing the amount of resistance wire in circuit. This system has always the whole of the coils in circuit, no matter what output is required, as the knife switches on control board connect as many coils as desired in parallel, and by closing any desired number of switches a given number of amperes of current are allowed to pass until the maximum capacity of the frame is reached, when all the switches on control board are closed. The Control Board being fixed in the operating chamber only, and the Rheostat in any convenient situation away from the operating room, there is no inconvenience caused by the heat from the resistance, which is so apparent with the ordinary type resist once frame. These frames can be made for any control of current, but the usual stock sizes are given below. The same high grade of material and manufacture so apparent in goods of our manufacture is also embodied in these Frames and Switches. The Control Board is fitted with superior knife edge Switches of the quick make and break type.



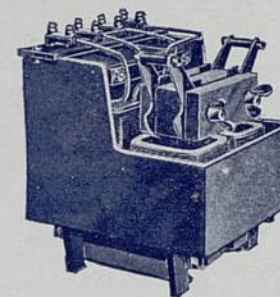
	Line Voltage.	Arc Voltage.	Amperage.	Each.	Wire Guards.
No. 19	110	50	6	£5 5 0	£1 0 0
No. 20	110	50	80	£6 0 0	£1 0 0
No. 21	220	50	60	£6 0 0	£1 0 0
No. 22	220	50	80	£7 0 0	£1 0 0
No. 23	440	50	50	£8 10 0	£1 0 0
No. 24	440	50	80	£10 10 0	£1 0 0

Separate Control Boards for 5 switches, £1 15 0 each. 1 into 6 switches, £2 0 0 each.  
Ditto 8 switches, £2 5 0 each.

These Resistance Frames are made in standard patterns to rise in amperes per switch, but can be arranged differently if so desired.

## Combined Static Transformer and Choking Coil.

For Alternating Current.



We can supply these to any voltage or periodicity to suit customers' requirements, and although the low price of same is a great temptation to instal these Transformers, the light is not always steady, and therefore not entirely suitable for Cinematograph Projection, and it is always advisable to convert the alternating current into direct if possible, through a Motor Generator Set, prices of which will be found in this Catalogue.

### STANDARD SIZES FOR CINEMATOGRAPH AND HAND FEED ARC LAMPS.

100 Volts.	30/40 Cycles,	£5 : 15 : 0.	Code, "Sottopose."
" "	40/60	" £6 : 15 : 0.	" "Sottoride."
" "	70/75	" £6 : 17 : 6.	" "Sottraeva."
" "	75/80	" £7 : 17 : 6.	" "Sotuer."
200 Volts.	30/40 Cycles,	£5 : 17 : 6.	Code, "Soubasis."
" "	40/60	" £6 : 7 : 6.	" "Soubattre."
" "	70/75	" £6 : 17 : 6.	" "Soubise."
" "	75/80	" £7 : 17 : 6.	" "Soubrette."

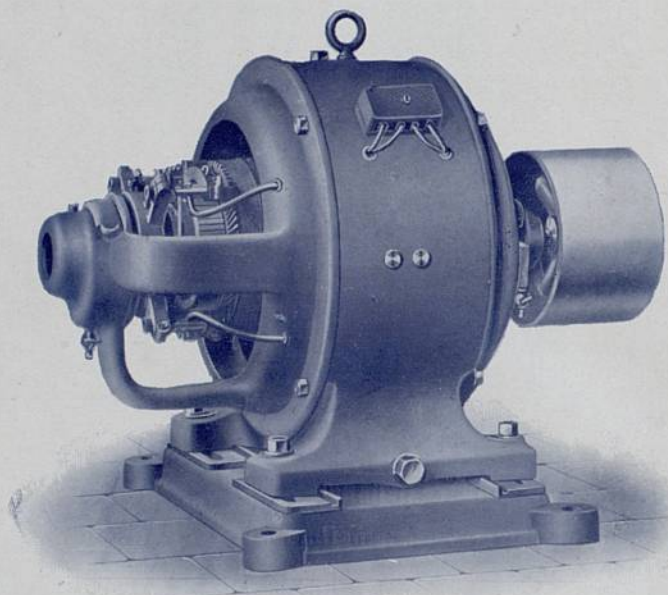
An important feature is that exact adjustments can be made on the Choking Coil by a hand-operated eccentric lever without altering any electrical connections.

We can always quote for Separate Choking Coils of any capacity.



# DYNAMOS

Specially Wound for Cinematograph Work.



Can be worked equally well from Steam, Gas,  
or Oil Engines.

**ANY OUTPUT.**

**ALL VOLTAGES.**

Delivery about 4 weeks from date of order.

**Prices on application. Please state requirements.**

# Hand Flash Torches.

The 'GLEAM.'



Length, 9 $\frac{1}{4}$  inches.

A very reliable and well-finished Torch, as used in all the best Electric Theatres, finished with nickel and leather cloth fittings and guaranteed to give 6,000 flashes with one battery, or about 12 hours continuous light.

Price, 5/- each.	„ "Sontico."
Dry Cell Refills at 1/6 each.	„ "Sonticus."
Bulbs (metal filament) 1/- each.	Code, "Sonties."

## SMALLER SIZE AS ABOVE.

Length, 6 $\frac{1}{2}$  inches.

Price, 3/6 each.	Code, "Sonsuoso."
Dry Cell Refills 1/- each.	„ "Sonuerat."
Bulbs 9d. each.	„ "Sonueris."

E

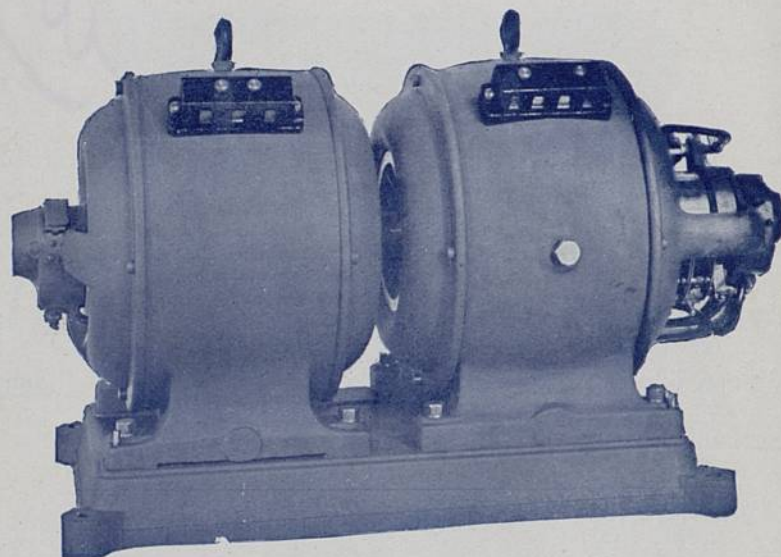


# MOTOR GENERATOR SETS

FOR

**Continuous and Alternating Supply Circuit.**

BRITISH MADE THROUGHOUT.



ANY STANDARD VOLTAGE.

ALL SIZES AND OUTPUTS.

These Motor Generator Sets are undoubtedly the most suitable and efficient means of reducing a high voltage supply from the main to a low voltage suitable for Cinematograph Arc Lamps.

The cost of current consumption is reduced to approximately one-third on a 200/250 volt supply circuit, and one-sixth on a 400/480 volt supply circuit by use of the Motor Generator Set.

The Motor and Dynamo are both mounted together on a heavy cast iron bed plate.

We guarantee all these machines for twelve months, and the special features introduced make them almost immune from risks of a breakdown. The temperature rise on the sets after six hours' continuous run at full load would not exceed 70 deg. F., and the overload capacity would be 25 per cent. for two hours and 50 per cent. momentarily.

The material and workmanship are the best obtainable, and very exhaustive tests are carried out with each set before despatch.

The prices quoted include delivery F.O.R. any station in England.

**We give prices on opposite page** of a few standard size sets.

# KINUTILITIES MOTOR GENERATORS.

**Both Motor and Dynamo, for Direct Current.**

Frame Size.	Dynamo.		Motor.		PRICE, including Starter and Regulator.		
	Volts.	Amps.	Volts.	R. P. M.	£	s.	d.
CN. 10 - CN. 10	65	60	100-500	1630	48	15	0
CN. 10 - CN. 10	65	44	100-500	1200	48	15	0
CN. 10b - CN. 10b	65	60	100-500	1450	53	10	0
CN. 11 - CN. 11	65	70	100-500	1620	58	10	0
CN. 12 - CN. 12	65	100	100-500	1600	73	10	0
CN. 12 - CN. 12	65	70	100-500	1040	73	10	0
CN. 13 - CN. 13	65	120	100-500	1400	85	10	0
CN. 13 - CN. 13	65	85	100-500	900	85	10	0
CN. 14 - CN. 14	65	140	100-500	1100	110	0	0
CN. 14 - CN. 14	65	100	100-500	750	105	0	0
CN. 15 - CN. 15	65	200	100-500	1000	130	0	0
CN. 15 - CN. 15	65	140	100-500	735	125	0	0
CN. 16 - CN. 16	65	200	100-500	725	157	10	0
CN. 17 - CN. 17	65	300	100-500	700	198	0	0
CN. 17 - CN. 17	65	250	100-500	575	195	0	0

## Motor 1 phase, Alternating Current, 50 Periods,

**Dynamo Direct Current.** Price including Starter, Choking Coil & Regulator.

					£	s.	d.
ES. 11 — CN. 11	65	50	100—500	1425	66	0	0
ES. 12 — CN. 11	65	60	100—500	1430	75	0	0
ES. 13 — CN. 12	65	72	100—500	1440	85	10	0
ES. 13 — CN. 13	65	95	100—500	1450	92	0	0
ES. 14 — CN. 13	65	120	100—500	1450	110	0	0
ES. 16 — CN. 15	65	200	100—500	950	147	0	0
ES. 17 — CN. 16	65	200	100—500	725	180	0	0
ES. 18 — CN. 17	65	300	100—500	730	232	10	0
ES. 18 — CN. 17	65	250	100—500	575	225	0	0

## Motor 2 or 3 phase, Alternating Current, 50 Periods,

**Dynamo Direct Current.** Price including Rotor Starter and Regulator.

					£	s.	d.
DS. 10 — CN. 10	65	50	100—500	1425	52	10	0
DS. 11 — CN. 10b	65	60	100—500	1430	60	0	0
DS. 11 — CN. 12	65	72	100—500	1450	76	10	0
DS. 12 — CN. 13	65	95	100—500	1450	83	0	0
DS. 13 — CN. 13	65	120	100—500	1450	89	0	0
DS. 13 — CN. 14	65	140	100—500	1450	102	0	0
DS. 15 — CN. 15	65	200	100—500	950	132	0	0
DS. 16 — CN. 16	65	200	100—500	725	162	0	0
DS. 17 — CN. 17	65	300	100—500	725	199	10	0
DS. 17 — CN. 17	65	250	100—500	580	195	0	0



# PROJECTOR.

## ERNEMANN'S FAMOUS IMPERATOR.

Undoubtedly this Projector stands unique in the trade as it certainly contains more real improvements than any other Motion Picture Machine offered for sale, and it is so vastly improved in the new 1914 Model that it positively eclipses all previous productions.

This projector has now been sold in huge quantities the world over until it is now recognized as the leading machine of our vast industry. Will Day was selling this **Imperator** Projector as far back as 1909, since when he has had the pleasure of installing several hundreds of these famous machines in all the leading Picture Theatres and Music Halls throughout the universe.

The chief points to remember that **really are** embodied in the famous **Imperator** Projector are:—

**Extreme Silence in working.**

**Perfectly steady and Flickerless Projection.**

**ENTIRE freedom from strain and damage to Film.**

**Exceptional long wearing qualities.**

**Is composed in all the working parts of Steel and Phosphor Bronze.**

The price of the Famous Ernemann Imperator Projector, notwithstanding the numerous additions and improvements, remains the same, viz.:—

Latest Pattern Projector Mechanism, Lamp House, Spool Boxes, Stand, Cine and Optical Lens, Three Spools, Spanner, etc. ... .. price £52.

Having been specially appointed selling agent for this remarkable Projector it will pay intending purchasers to pay a visit to our well stocked showrooms, situate right in the hub of the industry.

*Write for Special Catalogue of all goods of ERNEMANN'S MAKE.*

## Section 4.

Slides. Royalty Slides.

Slide Boxes. Slide Carriers.

Song Slide Sets.

Announcement Slides.

Advertising Slides.

Effect Slides

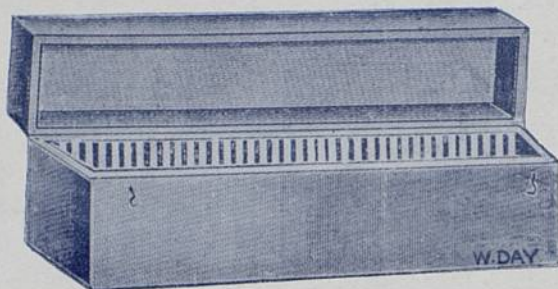
Copper and Unbreakable Slides

Slide Sundries, &c.

The one house in the industry that thoroughly understands Slide production in all its branches. Mechanical Slides for Theatrical and Spectacular Effects manufactured at short notice. Novelty and Figure Act Slides produced. Special Quotations given for all requirements upon application.



## GROOVED BOXES.



Each box is made of the best wood, and the ends are grooved, and tops and bottoms glued and nailed. Best hinges and hooks, and the grooving clean machine cut.

To hold 12 unframed Slides, $3\frac{1}{4}$ by $3\frac{1}{4}$ in., 1/-.				Code, "Sopapina."
" 24	"	"	1/3.	" "Sopapo."
" 36	"	"	1/6.	" "Sopatros."
" 50	"	"	1/6.	" "Sopbrood."
" 100	"	"	3/-.	" "Sopeadora."

## TRANSIT SLIDE BOXES (without Grooves.)

## THE 'DEFIANCE.'



Specially strong, felt lined, iron bound.

To hold 12 Slides, $3\frac{1}{4}$ each.				Code, "Sopean."
" 24	" 4/-	"	"	" "Sopearian."
" 48	" 5/-	"	"	" "Sopero."
" 100	" 7/-	"	"	" "Sopesada."

The above Slide Box has been produced to obviate as far as possible the great nuisance of broken slides. It is very strongly made, with iron bound corners and felt lined throughout, the interior being fitted with a felt liner.

## The 'REGAL.'

All Brass Slide Carrier of very heavy and massive construction, and so arranged that it will take either English or American size slides with very short traverse.

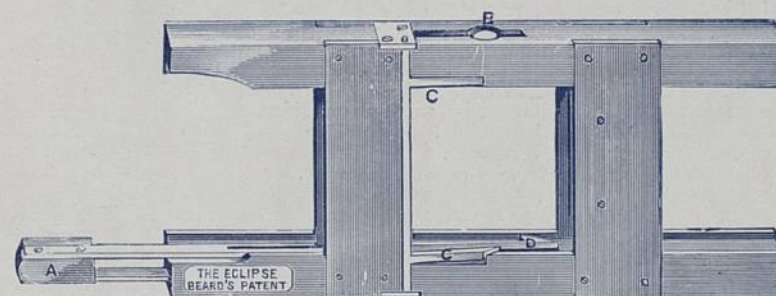


Price 20/- each. Code, "Sootflake."

## NEW INSTANTANEOUS MAHOGANY CARRIERS.

Made from best selected and thoroughly seasoned wood only. Mahogany Carriers, best quality, for English size slides, 1/- each. Code, "Soothfast." Mahogany Carriers, best quality, for American size slides, 1/3 each. Code, "Soothsay." Mahogany Carrier with improved mechanical lever action for English size slides, 1/6 each. Code, "Sootiness."

## BEARD'S PATENT ECLIPSE.



Constructed to give dissolving effects to a single lantern, and at the same time centering all  $3\frac{1}{4}$  in. slides, the slides being inserted and withdrawn from one side.

Prices.—Ordinary pattern, 10/6. Code, "Sooty."

Ditto, brass faced, 15/0. "Sopaipa."

Special pattern, for any slide from  $3\frac{1}{4}$  by  $3\frac{1}{4}$  to  $3\frac{1}{4}$  by  $4\frac{1}{4}$ , 12/6. Code, "Sopear.".



# Will Day's Announcement Slides.

Given below are nearly 200 Stock varieties of these. All the Slides are designed and finished in the most artistic manner, and fresh designs are being constantly added. We cannot too strongly emphasize the fact that an announcement on the screen is doubly effective if made in an artistic manner, and that nothing mars an entertainment more than the old obsolete scratch slide. WILL DAY'S SLIDES are carefully produced by a competent staff of artists, and the colouring is exquisite. Try the effect of one sample slide. You will soon want more.

**Prices—9d. each Slide Plain.**

**1s. each Slide Coloured.**

**Selections of 50 Slides, Plain, £1 10s.**

**" " " Coloured, £2 5s.**

Slight alterations to Stock Announcements can be made without extra charge; for instance, length of interval, prices of admission, time of exhibition, &c.

**Special Announcement Slides**, framed in one of our Stock Designs, price 1s. per Slide, plus 1d. for each word inserted. Colouring 6d. extra.

- 1 A pause of one minute.
- 2 Kindly note that this hall is cooler than the street.
- 3 Ladies are respectfully requested to remove their hats.
- 4 Tea will be served free of charge to occupants of reserved seats between 4 & 6 p.m.
- 5 Interval.
- 6 Entertainment to-morrow night. Entire change of programme; delightful and surprising.
- 7 Entire change of programme to-morrow.
- 8 Change of pictures next week.
- 9 We shall not keep you a minute; we are only changing the spool.
- 10 Interval of five minutes.
- 11 If anything does not please you, please complain to the manager.
- 12 There will be another performance to-morrow at 8 o'clock.
- 13 Matinée for children Saturday. Juveniles half-price to all parts.
- 14 Special Matinée to-morrow.
- 15 Selection by the orchestra. Kindly retain your seats.
- 16 Matinée Wednesday and Saturday.
- 17 Change of programme every week.
- 18 Change of programme Wednesday and Saturday.
- 19 Entire change of pictures every Monday and Thursday.
- 20 Children's Matinée Saturday next at 1.30 p.m. Prices 1d. and 2d. to all parts.
- 21 Tea rooms may be entered from the front lounge.
- 22 Good-night.
- 23 Thank you.
- 24 Chocolates and cigarettes obtainable from the attendants.
- 25 Complete change of programme on Thursday.
- 26 Entire change of programme every Monday.
- 27 Good-night and thank you.
- 28 If you like the performance, tell your friends; if not, tell us.
- 29 Our programme is now changed on Monday, Wednesday, Friday and Sunday.
- 30 Open every Sunday at 6.
- 31 Children's Matinée every Saturday afternoon at 3.
- 32 Interval of a few minutes.
- 33 For comfort's sake do not stamp or whistle.

- 34 Transfer to 6d. seats can be obtained from ticket collector in the vestibule at 3d. each. Please be sure and get a ticket in exchange when paying attendant.
- 35 Two complete programmes weekly, on Monday and Thursday.
- 36 If you are satisfied, give us your applause and tell your friends; if not, tell us.
- 37 Children's Matinée every Saturday, 2 p.m. to 4 p.m. Children under 12 1d., children over 12 2d., adults 3d.
- 38 Special Matinées for children on Saturdays at 3 o'clock. Admission 1d. and 2d.
- 39 Complete change of pictures on Mondays, Thursdays and Sundays.
- 40 The Proprietors and Management wish all patrons a happy New Year.
- 41 The Proprietors and Management wish all patrons a Merry Christmas.
- 42 Matinée every Saturday afternoon at 2.30, and Wednesday at 3 o'clock.
- 43 Afternoon tea from 3 to 5, free of charge.
- 44 Matinées on Wednesday and Saturday at 3 o'clock.
- 45 Owing to machine being fitted with fireproof spool boxes, we ask you to give the operator a little more time to thread the film.
- 46 For the safety of the public. By new order of the London County Council it is compulsory to use fireproof spool boxes on bioscopes. With the use of these boxes, it is impossible for the films to catch fire and cause a panic. This machine is so fitted, it takes a little longer for the operator to thread the machine. Please do not get impatient; we are studying your safety.
- 47 Ladies will kindly refrain from placing hatpins in the back of the seats.
- 48 Interval, during which light refreshments may be obtained from the attendants.
- 49 Ladies will oblige by removing their hats.
- 50 If you are satisfied, kindly tell your friends, if not tell us.
- 51 Children's Matinée every Saturday afternoon at 3 p.m. Admission 1d.
- 52 Under the new County Council Safety Regulations the spools have to be enclosed in metal magazines, so that a break in the film is more difficult to get at and takes time, so we must ask for one minute's grace.
- 53 Those visitors who have seen the round of pictures are earnestly requested to make room for others.
- 54 Will our patrons who have seen the whole programme kindly make room for those waiting.
- 55 All visitors who have seen this picture already this evening have witnessed the entire programme, and are earnestly requested to retire and make room for others who are waiting to come in.
- 56 All visitors who have seen the pictures through once are earnestly requested to pass out and leave room for those who are waiting for seats. (Floral.)
- 57 Those visitors who have seen the programme once are earnestly requested to pass out and make room for those who are waiting. (Floral.)
- 58 Children's Matinée Saturday afternoon at 1 o'clock. Admission 1d., 2d. and 3d.
- 59 Open every Sunday in aid of charity.
- 60 This Theatre is open every Sunday at 6.30.
- 61 Children's parties every Saturday afternoon at 2.30.
- 62 To avoid the evening crush, come comfortably in the afternoon. A delicious cup of Lyons' tea and biscuits served free to all patrons. 3.30 to 6.30 daily.
- 63 The next picture is shown by special request.
- 64 Good-night (curtain).
- 65 Will smokers please draw it mild. Result will be a clear picture.
- 66 Grand illuminated Matinée on Saturday at 2.30 p.m.
- 67 Interval of 10 minutes. Light refreshments may be obtained at the bar or from the attendants.
- 68 Five minutes' interval. The next picture is No. 1 on the programme; those who have seen it have seen the whole performance, and are respectfully requested to pass out for others waiting for seats.
- 69 The management respectfully request that ladies should remove their hats.
- 70 Entire change of programme every day; delightful and surprising.
- 71 Change of pictures to-morrow evening.
- 72 Entire change of programme Monday and Thursday. (Floral.)
- 73 Special programme every Sunday from 3 to 10.30.
- 74 Change of programme on Mondays and Thursdays. (Floral.)
- 75 Change of programme Monday and Thursday.
- 76 We feel sure that ladies will have no objection to removing their hats to add to the comfort of those sitting behind them.



- 77 We lead, others follow.
- 78 To amuse is good, but to amuse and instruct is better.
- 79 Matinées on Monday, Wednesday and Saturday at 3 o'clock. Tea will be provided free of charge.
- 80 Entire change of programme Monday and Thursday.
- 81 Entire change of programme weekly.
- 82 Change of programme Monday, Wednesday and Friday.
- 83 'Tis not in mortals to command success, but we'll do more—deserve it.
- 84 A change of picture to-morrow. Open 3 o'clock daily.
- 85 New speaking pictures every week.
- 86 Visitors are requested to pass out after seeing the programme through.
- 87 A courteous appeal is made to patrons to remove their hats.
- 88 If you are satisfied with the exhibition, please tell your friends, if not, tell the manager.
- 89 A pause of one minute, operator changing spool.
- 90 Interval of one minute.
- 91 Afternoon performance Saturday next for school children. Doors open 2 o'clock. Ordinary pictures.
- 92 Smoking strictly prohibited in this building.
- 93 Children's matinée 2.30.
- 94 Children's performance every Saturday afternoon at 3 o'clock.
- 95 Do not forget Sunday picture service.
- 96 Entire change of programme twice weekly.
- 97 Children's penny matinée every Saturday at 3 p.m.
- 98 Change of programme on Sunday, Monday and Thursday.
- 99 Two performances every day. Afternoon 3.15, evening 8.
- 100 Complete change of programme every Monday and Thursday.
- 101 The next picture is a substitute for the one on the programme.
- 102 Bring or send your children to our matinée on Saturday. They will be well looked after, and will have comfortable seats. Special prices 1d., 2d. and 3d.
- 103 Light refreshments can be obtained from the attendants in the hall at moderate prices.
- 104 Entertainment to-morrow, delightful and surprising.
- 105 Pause for change of picture reel.
- 106 There will be a complete change of pictures to-morrow.
- 107 Tea, coffee, and light refreshments can be obtained from the attendants at popular prices.
- 108 This Theatre opens every evening at 6.30, Saturdays 3 p.m., always a continuous performance.
- 109 Entire change of programme twice weekly of the world's finest productions.
- 110 Fifty free coupons given away every Saturday; look in your envelopes.
- 111 Go-as-you-please competition every Friday, both houses, two prizes, entries invited.
- 112 Order, please, in the gallery.
- 113 Special family Matinée every Wednesday at 2.30.
- 114 To our visitors. By leaving this building in the usual orderly manner, it can be completely emptied in two minutes.
- 115 A repetition of a picture signifies that the whole programme has been seen.
- 116 Afternoon performance to-morrow.
- 117 Whistlers are requested to cease; those with musical talent requiring employment, please apply to the management.
- 118 A hearty welcome to all.
- 119 One minute interval for change of spool.
- 120 Complete change of programme every Friday.
- 121 Children's parties every Saturday at 2.45.
- 122 We request your kind indulgence while we change spool.
- 123 All those who have seen the pictures through are earnestly requested to pass out to make room for others.
- 124 A hearty welcome to all. (Floral.)
- 125 Order, please.
- 126 Interval of four minutes.
- 127 A few minutes' interval for light refreshments.
- 128 A change of pictures each evening.
- 129 Three minutes' interval.

- 130 A pause of one minute to adjust the film.
- 131 A descriptive programme, giving a synopsis of each picture shown, can be obtained from the attendants, price one penny.
- 132 Special entertainment every Sunday. Doors open 7.30.
- 133 Exhibition of animated pictures Monday, Wednesday and Friday, 6.45 & 9 o'clock.
- 134 Entire change of pictures every Wednesday and Saturday.
- 135 I wish you all good-night.
- 136 Please do not smoke.
- 137 The management beg to offer their best thanks to all those who have so kindly removed their hats.
- 138 Tea served free from 4 to 6 daily.
- 139 Notice, the success of this picture depends on entire silence being kept.
- 140 Change of programme on Sunday.
- 141 New musical pictures every week.
- 142 Entire change of programme on Sunday.
- 143 Children's Matinée on Saturdays at 3 p.m., price 1d. and 2d. A number of prizes given to children attending.
- 144 Interval of 10 minutes.
- 145 Entire change of programme Sundays and Thursdays.
- 146 Whit Monday, a specially fine programme. Come early.
- 147 Special programme every Sunday.
- 148 Afternoon teas served to all visitors from 2.30 to 5.30 daily, free of charge.
- 149 Ladies will much oblige by removing their hats.
- 150 The management request that any case of incivility on the part of the staff be reported immediately to the Resident Manager.
- 151 No gratuities of any description allowed in this Theatre.
- 152 Will all those who have seen the whole programme through kindly make room for others.
- 153 Chocolates, sweets, cigars and cigarettes can be obtained from the attendants at popular prices.
- 154 Extra picture.
- 155 Ladies removing their hats pay graceful consideration to those seated behind them.
- 156 Will patrons who have seen the entire programme kindly make room for others?
- 157 Visitors who remove their hats show graceful consideration to those seated behind them.
- 158 Complete change of programme to-morrow.
- 159 Those visitors who have seen the full round of pictures are earnestly requested to make room for others waiting.
- 160 Matinées daily at 3. Afternoon tea served free of charge.
- 161 We do not run any business competition with local tradesmen. We are public entertainers only.
- 162 Children's Matinée every Saturday afternoon at 2 p.m. Admission 1d.
- 163 Children's Matinée every Saturday, 2 to 4. Charge 1d.
- 164 Afternoon tea will be served in this Theatre to all visitors from 3 to 5 p.m. daily, without extra charge.
- 165 Ladies will greatly add to the comfort of the audience if they will kindly remove their hats.
- 166 Matinées daily at 2.30. Afternoon teas served free.
- 167 Those that have seen the programme through will kindly pass out, making room for those that are now waiting outside.
- 168 An entire change of pictures is presented every Monday and Thursday.
- 169 The management will be pleased to hear any suggestion our patrons can offer for improvement for their comfort.
- 170 Children's Matinée Saturday afternoon at 1 o'clock. Admission 1d., 2d. and 3d.
- 171 Interval. Refreshments may now be obtained at the same prices as outside.
- 172 To the world, the world we show, we make the world to laugh and teach each hemisphere to know how lives the other half.
- 173 The next picture will be No. 1.
- 174 The next picture will be No. 2.
- 175 The next picture will be No. 3.
- 176 The next picture will be No. 4.
- 177 The next picture will be No. 5.
- 178 The next picture will be No. 6.



- 179 The next picture will be No. 7.  
 180 The next picture will be No. 8.  
 181 Church parties at 4 o'clock. Admission 1d.  
 182 Children's Matinée every Saturday at 2.30. Admission 1d. and 2d.  
 183 Afternoon performance on Saturday at 3.15.  
 184 Afternoon tea served free to all patrons of this theatre from 3.30 to 5.30.  
 185 All visitors who have seen the series of pictures once through are requested to retire and make room for others who are waiting to come in.  
 186 Ladies are respectfully requested to remove their hats for their own comfort and that of others.  
 187 Entire change of programme twice weekly, on Mondays and Thursdays. Special pictures on Sundays.  
 188 In case of emergency, leave quietly, as control means safety; the Palace can be cleared in less than two minutes.  
 189 Children's Matinée every Saturday at 2 and 4. Admission one penny.  
 190 Special programme every Sunday at 8.15; admission by silver collection.  
 191 Another picture will be shown in two minutes.  
 192 Souvenir Postcards of Principal Actors and Actresses in the Picture World can be obtained from the attendants. Price 1d. each.

COPPER STENCIL ANNOUNCEMENTS, tinted with mica fronts, all stock announcements, 7/6 each. Unbreakable.

#### POSITIVELY THE FINEST SERIES OF SLIDES OF THE ROYAL FAMILY EVER PRODUCED. EACH SLIDE MAGNIFICENTLY COLOURED.

- A.—Head and shoulder portrait of King George in naval uniform.  
 B.—Three-quarter length portrait of King George in naval uniform.  
 C.—Three-quarter length portrait of Queen Mary in evening dress.  
 D.—Full length portrait of the Prince of Wales in Investiture robes.  
 E.—Full length portrait of Prince Edward and Princess Mary in Court dress.  
 F.—Full length portrait of King George V. and Queen Mary in Coronation robes.  
 G.—Head and shoulder portrait of King George V. under Royal Standards.  
 H.—Head and shoulder portraits of King and Queen in coloured frames.

PORTRAIT SLIDES of all Political Leaders and Ruling Monarchs always in stock.

All the above Slides 2/- each. Special Reduction for quantities.

Special Coloured Announcement Slides always being produced for all latest Feature Films. Price 1/6 each.

#### SONG SLIDES.

We have opened a special department for Song Slide hire, replete with all the latest and best songs produced, which are being added to daily. Full catalogue will be sent on application.

TERMS OF HIRE.—£1 deposit per set; hire charge, 2/6 set per week, or 5/- for two sets. If sent to any destination packed in special boxes, carriage paid, both ways, 6d. per set extra.

## Slides.

### "Opako" Rapid Announcement Plates.

An entirely new and novel Rapid Announcement Slide Plate with a white opaque surface, so that any announcement or design can be first drawn or printed upon the slide and then readily scratched on the glass so as to leave the design or wording required in the form of a perfectly finished slide. Without a doubt the most effectual and best means yet produced for placing rapid results of any event such as a race, match, election, etc., upon the sheet. No Picture Theatre should be without a supply of these most effectual slides.

Price 11d. per dozen or 10/- per gross.

## Tinted Cover Glasses.

A most effectual and ready means of adding beauty and finish to any Announcement Slide. Rainbow tinted in best colours. Price 4d. each or 3/6 dozen.

## Slide Ink.

Specially prepared black ink for drawing and writing upon our Clear Glass Slides.

Price 1/6 per bottle.



## Slides and Special Announcement Plates.

### Diagram Plates, for showing Diagrams, Writings, etc.

These Plates have a prepared Black Surface of a new and special preparation, which will not crack or chip, so that they may be readily drawn or written upon either by means of a needle or special scratching points supplied by us.

Price, prepared plates, 10d. per dozen, 8/- per gross.

### Special Scratching Points.

These Points are made of hard steel, suitably mounted in wooden handles.

Price per box of 1 dozen, 6d.

### Clear Glass Slides.

Specially selected thin glass for writing Announcements or using as Cover Glasses.

Price 4d. dozen, 3/- per gross.

### Slide Binding Strips.

Ready gummed .. .. 6d. per gross box.

### Assorted Slide Masks.

10d. per box of 50.

### Special Advertising Slides.

Any Announcement Slide can be written and supplied within 30 minutes and beautifully tinted at a cost of 1/- per slide not exceeding 30 words. For making a cheap Announcement or Advertisement Slide this method cannot be surpassed.

## Section 6.

*Will Day*

### Cameras.

### Dark Room Equipments.

### Tripods. Perforators.

### Negative and Positive Film Stock.

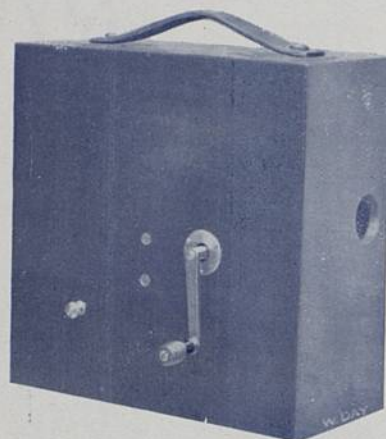
### Developing & Drying Drums, Troughs, etc.

If you are in doubt as to the very best means of equipping your dark rooms and studios, do not fail to write for our suggestions. We have had vast experience in fitting studios for the best production of motion pictures in nearly every part of the world.

STUDIO LIGHTING.—We shall be pleased to advise and quote for any special requirements in lighting your studio in the best possible manner.

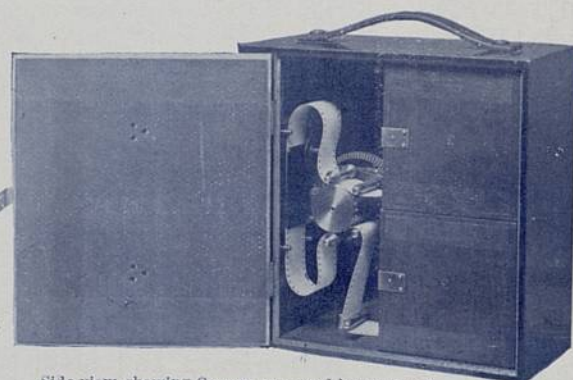


## The 'New Era' Kinecamera.

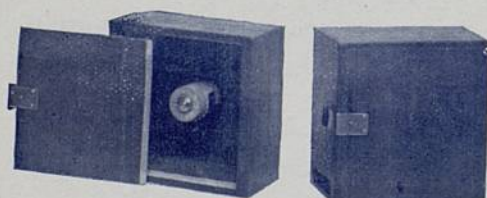


Side front view, showing Camera ready for use.

The results to be obtained with this Camera are as good as can be produced with the most expensive instruments and it is a direct fascination for travellers owing to its compactness.



Side view, showing Camera open and boxes closed ready loaded for taking film.



Two dark boxes for daylight loading which carry the 100ft. of Film in Camera

If more than one box required add number.

Any Standard Lens can be fitted to this Camera at prices as list.

Can be fitted with Film Registering Dial and brass-bound corners if desired at 25/- extra.

This camera is without a doubt the cheapest Professional Kinecamera ever placed upon the market. It is extremely well made, and perfect in its registration and alignment. It is fitted with a claw movement. We strongly recommend this camera as being most useful for securing local topical events, and no modern Picture Theatre should be without one. It is also most handy for the production of Film Titles, Snap Shots for Press Photography, etc., etc.

Simple in construction, it has no intricate parts to get out of order, and takes 100ft. film of **standard gauge**.

### DIMENSIONS, ETC.

Size 9½ in. x 9½ in. x 4½ in.

Weight empty with 2 film boxes about 5½ lbs.

The case is made of best selected mahogany, highly finished.

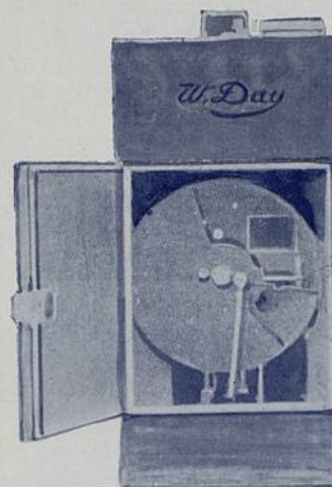
Price complete with 2 film boxes and view finder, without lens,

Code, "Era." £4 : 15 : 0

Extra Film Boxes, 7/6 each.

Code, "Erabox."

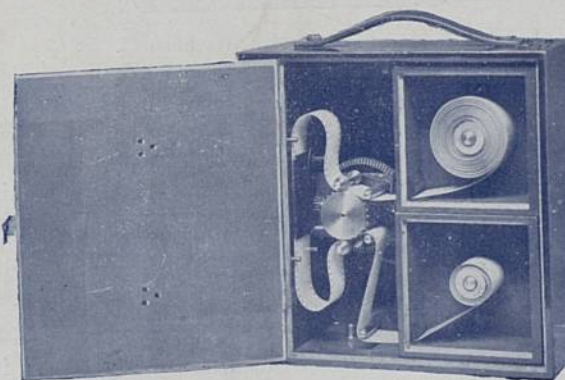
## The 'Alpha' Kinecamera.



Front view of ALPHA Camera with Panel open showing Adjustable Shutter.

The cheapest Camera ever offered for sale, containing all the refinements so essential to the production of High-class Pictures. This model, **The Alpha**, is fitted with a light proof hinged front panel, and as will be seen from the accompanying illustration, is the first camera at a price within the reach of every pocket, to be fitted with an adjustable front shutter which allows of varying widths of opening so that extremely quick movements can be successfully photographed whilst running film at ordinary rate of speed.

This Camera, **THE ALPHA**, is of same dimensions and is fitted in a similar manner to the **New Era** model, and has two dark boxes, view finder, and carries over 100 feet of **Standard Gauge Film**.



Side view of ALPHA Camera, showing Dark Boxes open and method of threading film. It must always be remembered Emulsion side to be placed to the light.

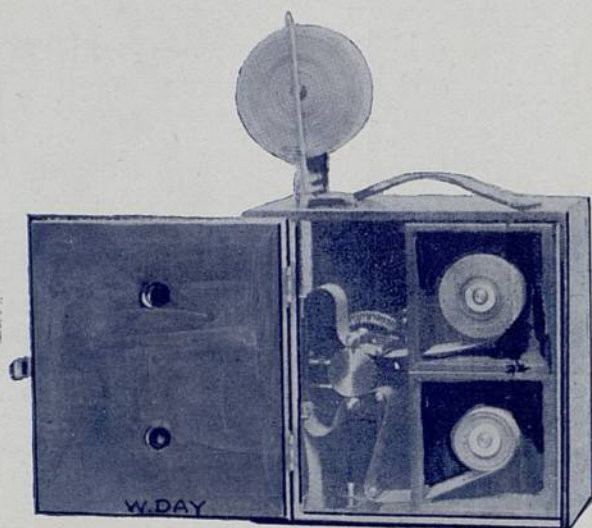
This model will undoubtedly prove a boon to every picture theatre as with this instrument it is quite possible to secure at a small outlay Films of Local Topical interest, and so practically display before your patrons a Budget of daily events which must prove intensely interesting, thus giving practically a daily paper on your screen.

Price complete without Lens .. .. £5 : 10 : 0  
Code, "Alpha."

Can be fitted with Film Registering Dial and brass-bound corners, if desired, at 25/- extra.



## The Duplex Combined Kine-camera and Printer.



Side view of Duplex Camera showing Printing Attachment in action, and clearly demonstrating the correct method of threading Films when printing. The covers are removed from Film Boxes to show threading of films.

A truly marvellous combined Camera and Printer. With this Camera it is quite possible to turn out really first-class work of all descriptions; and no better results can be obtained than printing from exactly the same Camera from which the Negative was produced. Perfect registration is assured, and the whole arrangement and attachment for alteration from Camera to Printer is simplicity itself. The photo shows very clearly the method of turning the Camera into a Printer, and the explanations given of the two foregoing models also apply to the Duplex Camera.

Price for Camera and Printer combined with View Finder but without Lense, £7 : 10 : 0. Code, "Duplex."

Can be fitted with Film registering Dial and brass bound corners if desired at 25/- extra.

## Spare Parts for New Era, Alpha & Duplex Kine Cameras.

	Each.	Code.
SPOOL BOXES, for 100ft. film, to fit either of above models	7/6	"Era-box."
SPARE BOBBINS, ditto	1/-	"Bbbbin."
SPRING COIL BANDS (steel) for Rewind ditto	1/-	"Bandit."
VIEW FINDERS, similar to those fitted on cameras	5/-	"Findit."
SPARE HANDLES, ditto	2/6	"Turn."

## CANVAS CARRYING CASES.

These Cases are exceptionally well made of stout waterproof canvas, with strong bound leather edges, and strap and buckle fastenings. Metal domes are fitted under base to prevent damage by moisture. Each case is lined green baize to prevent scratching or damage to Camera.

Case as shown, to hold either NEW ERA or ALPHA Model Cameras, 15/- each. Code, "Carcase."

Case to hold DUPLEX Model, with separate partition for Printing Attachment, 17/6 each. Code, "Candupe."

## THE 'STANDARD' CAMERA TRIPOD.

This Tripod Stand has been specially designed for use with the NEW ERA, ALPHA and DUPLEX Cameras. It is fitted with rigid and level yet very simple panoramming attachment of new and original design. The legs are made of best selected ash, and the crown fitting at head is of aluminium alloy. The whole Stand is light and portable, yet rigid in use, and folds into very small compass.

Height extended	5ft. 0in.
Packed for transit	2ft. 11in.
Price complete	£3 : 0 : 0
Code	"Standy."

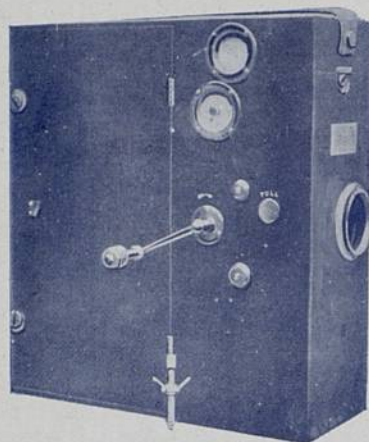
Special Mechanical Panoramming and TILTING HEAD can be supplied to this Tripod if required.

Price, 20/- each. Code, "Souperai."

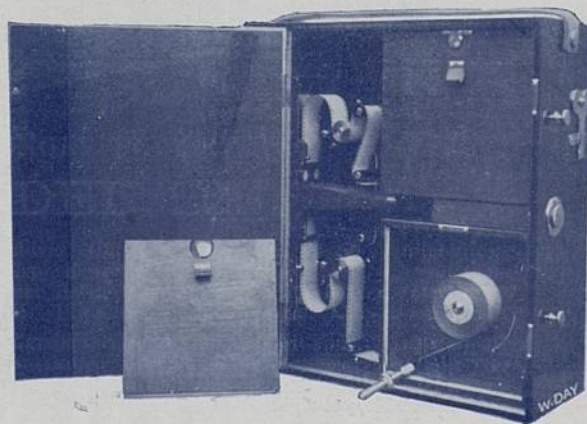




## The 'Reliance.'



SIDE FRONT VIEW.



INTERIOR VIEW,  
showing Camera open, with sight tube, method of  
threading, &c., exposed.

Capacity, 300ft. Size for packing, 1ft. 5in. x 1ft. 3in. x 6in.  
Weight approximately, 17lbs.

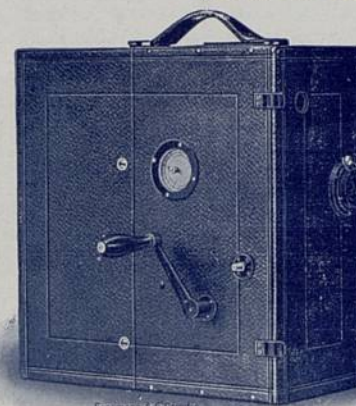
Price, £18 : 5 : 0. Code, "Soudoirs."

DARK BOXES, 16/- each. Code, "Soudoyer."

## Ernemann's Renowned Kinematograph Cameras.

(Write for complete Catalogue.)

### MODEL A.



Model A.

This Camera holds 200ft. of film, and can be rapidly reloaded in daylight. The mechanism is fitted with a claw movement, and the fan shutter is readily adjustable to various widths of opening.

This Camera can be fitted also as a printer if desired, and it is fitted with two sets of gears accordingly.

Price of Camera complete, with Two Film Boxes and Lens in Focussing Jacket, £21 : 0 : 0. Code, "Erna."

Extra Film Boxes (code, "Casa")  
£1 : 7 : 6 each.

Fitting for Printing Attachment (code, "Print"), £1 : 7 : 6.

### MODEL B

(Professional or Studio Camera.)

This Camera is specially constructed for use in film theatres and studios where the highest efficiency is necessary. It is fitted with all movements for the production of trick films, rapid changes, &c. It is 400ft. capacity, and the body and boxes are of teak with coppered brass fittings, claw movement, adjustable fan shutter. The whole mechanism is built on to a solid metal framework. For trick film production it is possible to run both backwards and forwards, and whilst running backward double exposure may be used or not as necessary. The lens are mounted on a revolving front, on which lens of different foci can be mounted. The whole production is of the highest possible standard, and extremely precise and complete.



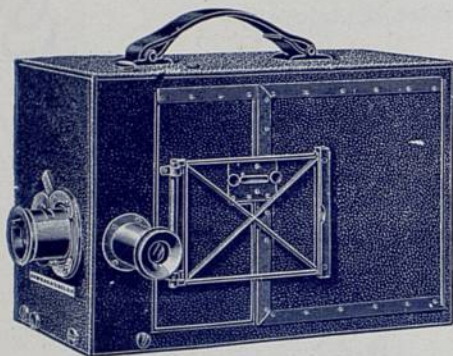
Model B.

### PRICES OF THE MODEL B KINO CAMERA.

Code.		Weight Kilos.	£	s.	d.
"Ercam."	The Camera complete in tropical finish, with Two Dark Boxes and One Ernemann Double Anastigmat F 3.5 2in. Focus with Focussing Magnifier ...	8'000	...	47	10 0
EXTRAS :					
"Anadub."	Ernemann Double Anastigmat F 3.5 2 1/2 in. Focus ...	0'200	...	4	5 0
"Dubstig."	Ernemann Double Anastigmat F 3.5 3 1/2 in. or 3 1/2 in. Focus ...	0'200	...	4	15 0
"Erndub."	Ernemann Double Anastigmat F 4.5 4 1/2 in. Focus ...	0'200	...	3	10 0
"Darex."	Extra Dark Boxes ...	0'300	...	2	0 0
"Cancase."	Waterproof Canvas Case ...	—	...	1	0 0
"Lecase."	Solid Leather Case ...	—	...	2	0 0



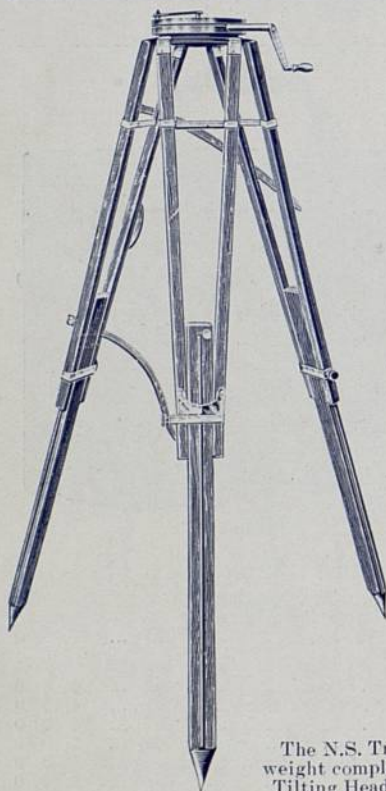
## THE N.S. CAMERA.



The N.S. Camera holding 400ft—120 metres.  
Size  $13\frac{1}{2} \times 6\frac{1}{2} \times 8\frac{1}{2}$  ins., weight about 15lbs.

Price with two Film boxes, without Lens, £60 : 0 : 0. Code, "Soufre."

This Camera is the outcome of practical experience and is designed for the highest quality work. It is compact and light to a remarkable degree when its capacity is considered, viz.—400ft. Any focus Lens may be used, and its extremely light action allows of its employment with telephoto lens. A feature of utmost importance to the operator who must work rapidly and surely, is the fact that it can be accurately focussed in 10 seconds, at any moment, and this, without disturbing the already threaded-up Film. It is extremely easy to load.



The N.S. Tripod,  
weight complete with  
Tilting Head, 15lbs.

## THE N.S. TRIPOD.

This is the lightest and most portable tripod with rotating and elevating head ever constructed, weighing complete only 15lbs. It is suitable for the above Camera and others of a small and light description. The rotating head can be taken apart and cleaned in one minute, and the elevating head is supplied with an absolutely novel action allowing of very quick as well as very slow movements. The workmanship is of the highest possible description.

Price of Tripod-with panoraming head,  
£10 : 10 : 0. Code, "Soufreur."

Price of New Tilting Head, £5 : 5 : 0.  
Code, "Souffroir."

Complete Tripod and Head, £15 : 15 : 0.  
Code, "Soupeser."

## DARK-ROOM EQUIPMENTS.

We are able to offer exceptional advice to clients in fitting dark-rooms and studios in the best possible manner, having carried out some of the finest work in fitting the best studios in the motion picture industry.

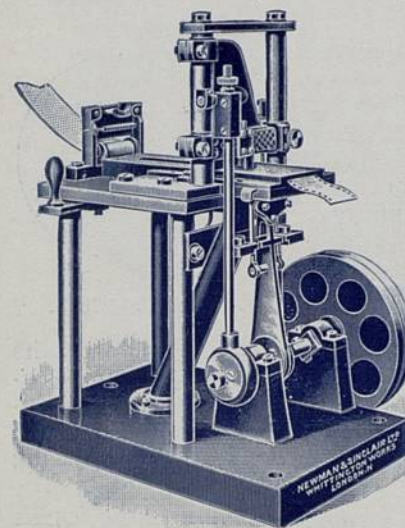
Specially appointed Agents for all goods of the renowned Newman & Sinclair make.

## THE N.S. PERFORATOR.

This Perforator is undoubtedly the greatest factor in the production of Rock-steady Pictures, as without perfect perforation it is impossible to obtain a steady negative.

Points that are embodied in the N.S. Perforator:—

- IT IS entirely self-contained.
- Automatic when once started.
- Maintains its gauge irrespective of changes in temperature.
- Is adjustable in gauge.
- Permits compensation for shrinkage in development.
- Does not require a skilled mechanic to keep it in order.
- Power required, 1/16th h.p. only.
- Speed 500.
- Price complete ... £42 : 0 : 0.
- Code, "Soufrage."



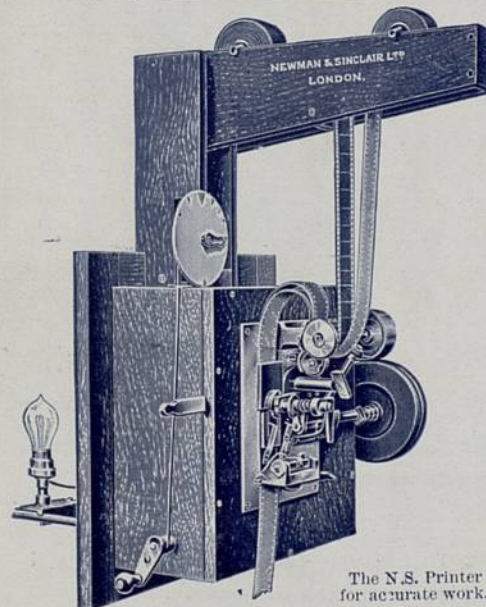
The N.S. Perforator.—The Feed Attachment is not shown in this illustration.

## THE N.S. PRINTER.

This machine will give a print running as steadily as the negative from which it was taken. It is supplied with a light attachment of great flexibility. A special fitting can be supplied to print manufacturers' name on the edge of prints. Solidly made to stand continuous wear without detriment to the accuracy of its action.

Price complete, £35 : 0 : 0.  
Code, "Souffrons."

Size for packing,  $22 \times 15\frac{1}{2} \times 15\frac{1}{2}$  in.  
Weight, 24lbs.



The N.S. Printer  
for accurate work.

If interested write for Special Catalogue of Messrs. Newman and Sinclair's goods—Cameras, Tripods, Perforators, etc., with full explanatory articles.



## DALLMEYER Cinematograph Lenses.

Dallmeyer Cinematograph Lenses give fine definition all over the film, and possess the maximum depth of focus. Special types have been designed working at remarkably large apertures. The No. 2 Dallmeyer Cinematograph Lens, working at F/1'9, is the most rapid lens regularly made for any class of work in the world. At this enormous aperture exposures may be reduced to one quarter that necessary with the lenses generally fitted to Cinematograph cameras. Film-producing Companies in England, the United States and elsewhere, have fitted them with great satisfaction, to their cameras, as these lenses are invaluable for rapidly-moving subjects indoors, and for outdoor work as late as 8 to 9 p.m. on a summer evening. All except the No. 5 are fitted with a focussing arrangement and Iris diaphragms.



FOR TAKING THE FILMS.

No.	Code.	Focal length. ins.	Intensity.	Extension from flange.	PRICE. £ s. d.
1	Dalmy	2	F/3.8	1½	3 15 0
2	Dalla	3	F/1'9	2	7 7 0
3	Days	3	F/2'4	2	5 10 0
4	Data	3	F/3'5	2½	3 15 0
6	Dane	4	F/3	3	5 0 0
7	Dally	5	F/4	4	5 0 0
8	Dark	6	F/3	3½	7 15 0

### TELEPHOTO SERIES IN FOCUSSING MOUNTS.

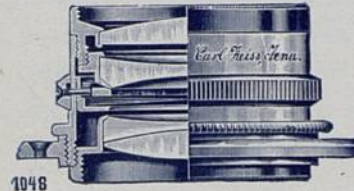
9	Dola	6	F/4'5	3	7 7 0
11	Donga	12	F/6	6	8 8 0
12	Dob	17	F/6	7½	13 15 0

Any Special Make of Lens can be quoted for and fitted to Cameras if desired.

SUN SHIELDS—to prevent halation—can be fitted to all Lenses at a slight increase of cost.

## ZEISS LENSES.

### TESSARS F3.5 & F4.5 FOR CINEMATOGRAPHY.



1048

The F3.5 Lenses are suitable for projection, in addition to their use as a Camera Lens.

#### TESSAR F3.5 for Cinematographing and Cinematograph Projection.

Series & No.	Focal Length.		In Standard Mount.	In Focussing "A" Mount.		Plate Size for which recommended.	Diameter of Circle covered with Small Stops.			
Ic.	cm.	in.	Code.	£	s. d.	Code.	£	s. d.	in.	
0	3.5	1 $\frac{3}{4}$	Caballos.	4	0 0	Cabaneria	4	10 0	3	1
1	5	2	Adecenar.	4	0 0	Cabannarum	4	10 0	4	1 $\frac{1}{2}$
1a	7.5	3	Adeceno.	5	0 0	Cabannis	5	10 0	1 $\frac{1}{2}$ × 1 $\frac{1}{2}$	2 $\frac{1}{2}$
2	10	4	Cabanal.	6	0 0	Cabanon	6	10 0	1 $\frac{1}{2}$ × 1 $\frac{3}{4}$	3 $\frac{1}{2}$

#### TESSAR F4.5.—Extra Rapid Universal Lens for Amateur and Professional Photographers.

10	4	1½	Azogueria	4 0 0	—	4 10 0	1½ × 1½	2
11	5.5	2½	Azoicas	4 4 0	—	4 14 0	1½ × 1½	2½
11a	6.5	2½	Azoinar	4 5 0	—	4 15 0	2 × 2	3
11b	7.5	3	Azolitmine	4 10 0	Azolla	5 0 0	2½ × 2½	3½
12	9	3½	Azotli	4 10 0	Azolvabais	5 0 0	3 × 3	4
13	12	4½	Adedisti	5 0 0	Adehesaron	5 10 0	3½ × 3½	5½
14	13.5	5½	Azogando	5 13 0	Azogaran	6 5 0	4½ × 4½	6
15	15	6	Adefaghi	6 10 0	Adeheso	7 2 0	5 × 4	7

## CHEAP LENS

Suitable for Small Cameras where it is impossible to obtain a more expensive article.

### THE SPECIAL 'KINKAM' LENS.

We have produced this special Lens for use on our cheaper model cameras, where price is a great consideration, and it is really astounding value for the low price asked. The Lenses are carefully paired, and form a perfect combination. Fitted in special focussing mount, with iris diaphragm.

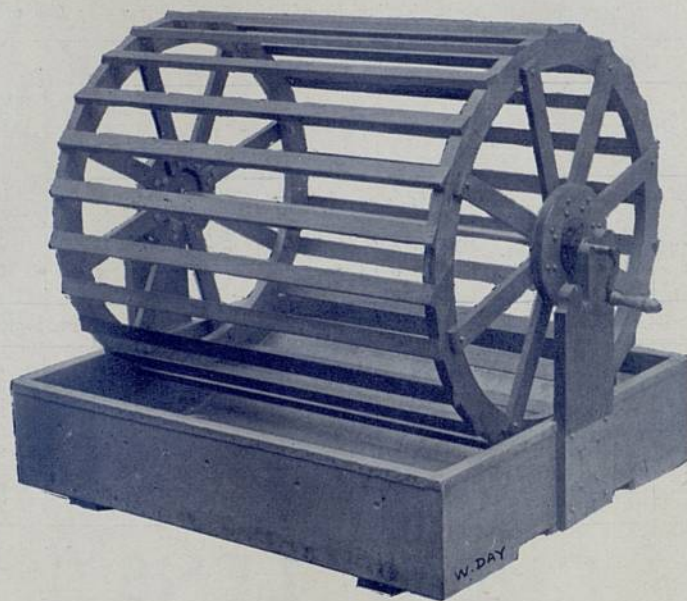
2½in. focus F6.5 ... price 25/- complete. Code, "Kink."

We would draw special notice to the fixed Focus Lens specially produced for use with the New Era Camera, fitted with iris diaphragm and extension flange, complete for £2. This is the Voigtlander "Eurosokop," and has an equivalent focus of 2½in. F6.3.



## Developing & Drying Drums and Troughs.

### THE 'NIAGARA.'



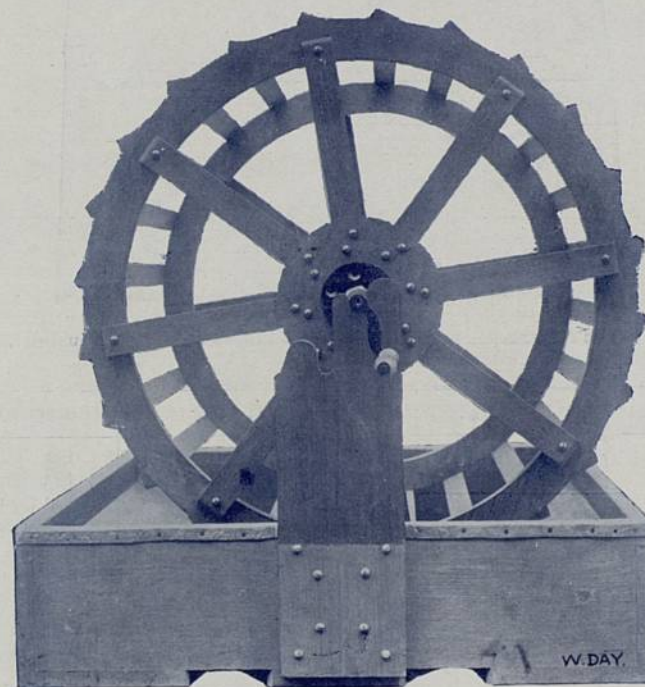
Front and Side View of Drum, upon which film is wound,  
Emulsion side out.

This combined Drum and Trough is of new and original design, being composed of stout teak, and the fillets shaped so as to offer the smallest possible contact to the film surface.

The Trough is lead-lined of substantial thickness, and it is fitted with brass plug for readily emptying contents; and it undoubtedly offers the best means for dealing with lengths of film up to 200ft.

It will be noticed that there are two separate sets of bearings

cut in the substantial teak side cheeks, and the Drum is readily moved from one bearing to the other; thus the film once placed upon the Drum does not need to be removed until entirely finished. The developing solution can be first placed in trough, and after revolving film in same until sufficiently developed, the solution can be removed whilst the Drum is placed out of the solution upon the upper bearing. Next, after cleaning Trough, pour in the fixing solution,



End View, showing the two separate bearings.

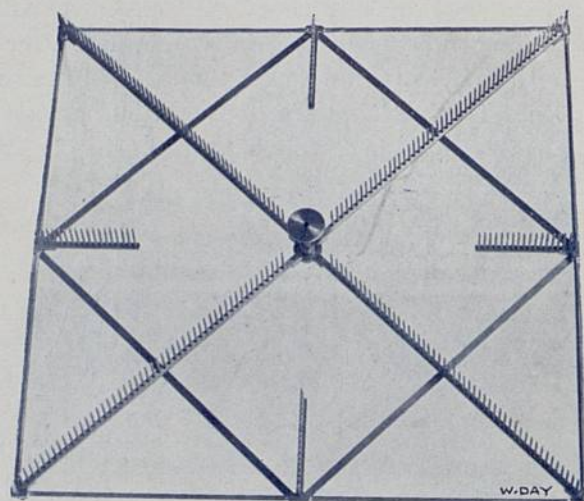
and repeat process as with developer. After removing fixing solution, thoroughly wash film by revolving in clean water; when sufficiently washed, place Drum on upper bearing and revolve by hand or motor until the film is thoroughly dry.

Price of Trough and Drum complete, £8 : 0 : 0.

Capacity, 200ft. Code, "Soudiers."



## Pin Frames.



These Frames are exceptionally well made and finished, brass throughout, and are thoroughly strong and substantial.

Capacity.	Size.	Each.	Code.
100 feet	20½ in. x 20½ in.	£1 10 0	Sonchever
165 feet	25 in. x 25 in.	£2 5 0	Soucieux
200 feet	27½ in. x 27½ in.	£2 7 6	Saucions

## COLLAPSIBLE AND PORTABLE DRYING DRUMS.

### THE 'DRYDEN.'

Specially prepared and produced for portability and to offer a ready means of drying film rapidly and thoroughly. This apparatus has positively no equal for aiding the expeditious production of subjects at home or abroad; is made from well seasoned wood with brass working parts. Holds 500ft. of film.

Price complete, packed in box with lock and key, £7 : 0 : 0.

Code, "Soucis".

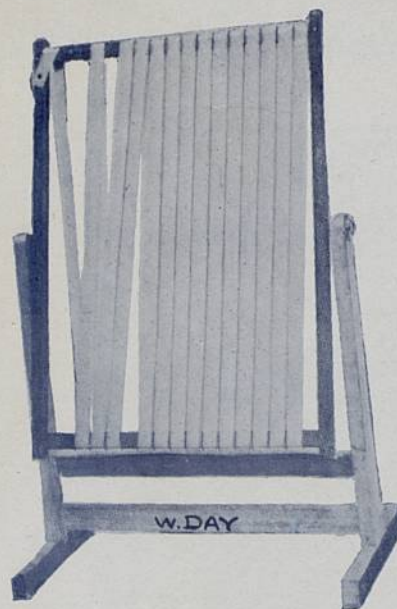
## Portable Developing Trays.

One pair heavy Galvanized Developing Trays, to fit inside each other and hold one pin frame, 25in. x 25in., to carry 165ft.

Price, 25/- pair.

Code, "Soucoupe."

## 'THE COMBINO.'



A combined developing and drying Frame, which forms a very cheap and efficient means of developing and drying films up to 100 feet in length. The film is easily attached to Frame, which is made of Teak with Brass Spacing Pins top and bottom, by fixing each end of Film to Frame with ordinary Brass Drawing Pin. The Film does not require to be removed from frame during the various processes of developing, fixing and drying.

Price, complete Frame and Stand for 100ft. Film, 20/-.

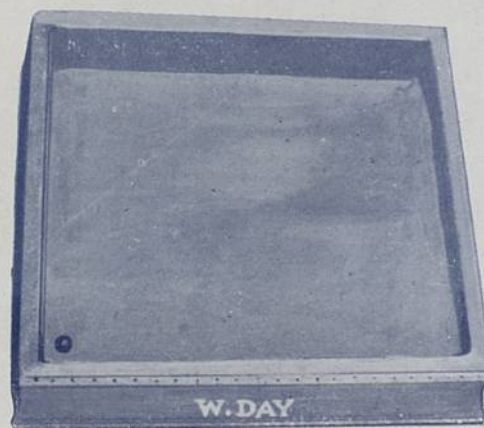
Code, "Combo."

Extra Frames 8/6 each.

Code, "Teko."

Combined Drying and Developing Frame, showing method of winding Film on frame, Emulsion side outward.

## THE 'DIPTIN' FILM DEVELOPING TROUGH.



Trough for developing, fixing & washing film to take the Combino Frame.

Price complete, 55/- each.

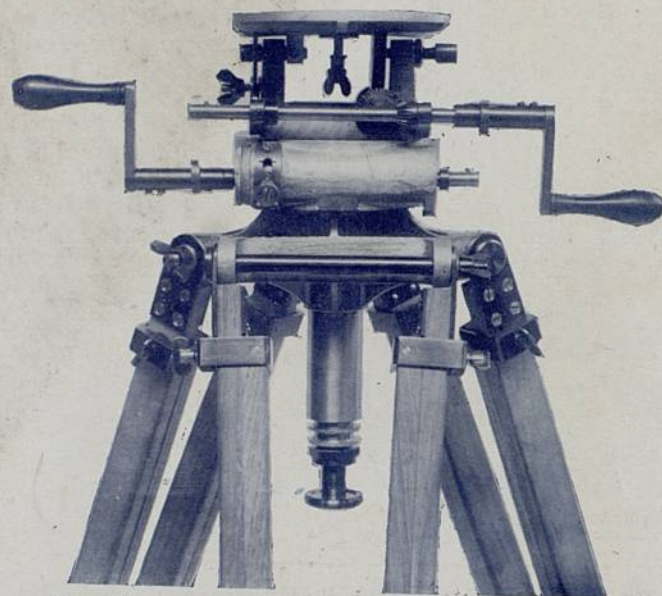
Code, "Dips."

Lead lined Troughs of all sizes quoted for upon application. Upright and flat earthenware troughs of every description made to order.

These Troughs have been specially produced for use with the above type of Frames. They are extremely well and strongly made from best seasoned wood, and are painted in Lead-colour Paint, lined with stout Lead and fitted with Brass drain tube and plug in corner. Size (inside measurement)—6ins. deep x 29¾ins. wide x 41ins. long.



## The 'Steadfast' Tripod.



View of Panoraming Head and Tilting Top, showing Eccentric bearing and Clutch Gear.

This high-class apparatus is without a doubt the finest Tripod yet offered for sale. It is of extremely rigid design, yet at the same time light and readily portable. Many new and novel features are applied to this Tripod for the first time; **Conical Bearings** have been fitted to the worm screw of the Tilting Table, so that the least shake or wear can be immediately taken up by the usual lock nut and screw adjustment. The **Revolving Head** has also received a large amount of attention, and we have mounted same on a perfectly adjusted **Ball Bearing** and a new eccentric Clutch Gear on the main revolving spindle fitted with a small lever for readily throwing the gear in and out of action. All working spindles are of steel, and the bearings are of gunmetal, where steel ball bearings are not employed, whilst the main casting is of aluminium. The Tilting Quadrant is fitted with a heavy thumb screw attachment, which when locked gives extreme rigidity to the Camera and avoids any chance of whip or shake. The Tripod legs are of square cut ash and steel shoes, and brass clips are fitted to same; and the main casting, as will be seen by the accompanying photograph is made so as to give a large splay to the legs, and so ensure absolute steadiness which is so necessary for perfect results. One of the many new and novel features is the Set Screw for attaching Camera, which runs right through the long Ball Bearing, upon which the revolving table is mounted, and is extremely easy of access from between Camera legs; thus by a glance at the photo it will be seen how readily the Camera can be mounted upon this Tripod. The table will tilt from the level to an angle of 45 degrees in each direction. There are two handles supplied, fitted with special spring clips, so that they are instantaneously detachable for transport. This Tripod is our **exclusive design**, and has been produced to meet a great want, and is accurate, durable, and rock steady.

Measurement from top of Tilting Table, **closed** 4ft. 4ins.

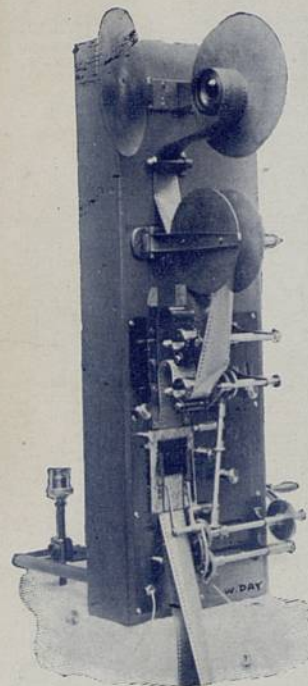
" " " " **extended** 7ft. 7ins.

N.B.—It is advisable to keep the working parts carefully lubricated.

Tripod, with Revolving Head, £7 : 0 : 0. Code "Stead." Tripod, with Revolving Head and Tilting Table (as per illustrations), £10 : 0 : 0. Code, "Steadfast."

Protecting Bag for ends, made with solid leather ends, and canvas body, shoulder strap for carrying, etc., £2 : 10 : 0.

## STEP BY STEP PRINTER.



A cheap and efficient step by step printer where only small quantities of work are required. Very steady and correct in its registration. Adjustable Mask, Adjustable Lamp Holder, operated by lead lines from the front, thus the lamp can be regulated instantaneously. Extremely strong and well finished in every detail.

Price, £18 : 0 : 0. Code, "Soudard."

## TAKING, PRINTING & DEVELOPING.

**TAKING.**—We have made special arrangements for giving prompt attention to customers' requirements, and can despatch thoroughly competent Operators with complete outfits to any part of the United Kingdom at short notice at the rate of 15s. per day; all travelling and out-of-pocket expenses extra.

**PRINTING.**—We can print from customers' own negative to customers' own positive 50ft. minimum at 4s. 6d. 100ft.; or can print and supply 1st quality positive stock perforated at 2½d. foot.

**DEVELOPING.**—Developing customers' own negative, 100ft. minimum, at 2s. 9d. 100ft.

**NEGATIVE FILM STOCK.**—Ready Perforated Film Stock (minimum 100ft. lengths), ready for loading into camera, first quality 2d. per foot (Code, "Negat"). (When ordering by cable give code word and number of feet).

**POSITIVE FILM STOCK** can be supplied ready perforated (minimum 100ft. length) at first quality 2½d. per foot (Code, "Posit"). (When ordering by cable give code word and number of feet).





EXCEEDINGLY POWERFUL.

## MODEL 22.

Contains  $5\frac{1}{2}$  Rows of Reeds, 5 Octaves (C to C), 334 Reeds, 14 Stops (including Tremolo, Expression and Aeolian Harp), Knee Full Organ, Knee Swell and Venetian Swell, Solid Figured Oak Case, Panel Back, Lock-up Pedal Cover and everything possible to exclude dust. Price £80. Code, "Sottoleva."

The power of this Model, and its great variety of tone, make it an ideal Instrument for Picture Palaces. Only the most skilled workmanship and best materials are employed throughout. It is fitted with Powerful Bellows on the Pressure System.

Weight (Approx) 5cwt. Measurements—Length 4ft. 10in., Height 4ft. 6in., Depth 2ft. 8in.

The Action is so made that, with ordinary use, it **cannot get out of order**; all the Reeds and the entire Action are very accessible, and only the best work and material are put into these Instruments. The Cases are specially strong and plain, solid figured Oak throughout.

**Oak Stool, to match Case, 3/- each.** Code, "Sottomano."

**Special Fleece-lined Waterproof Cover, 25/- each.**

Code, "Sottonsu."