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The

“Empire” Camera ==

THUM BROS. & SCHMIDT,
Grand Rapids,
Mich.

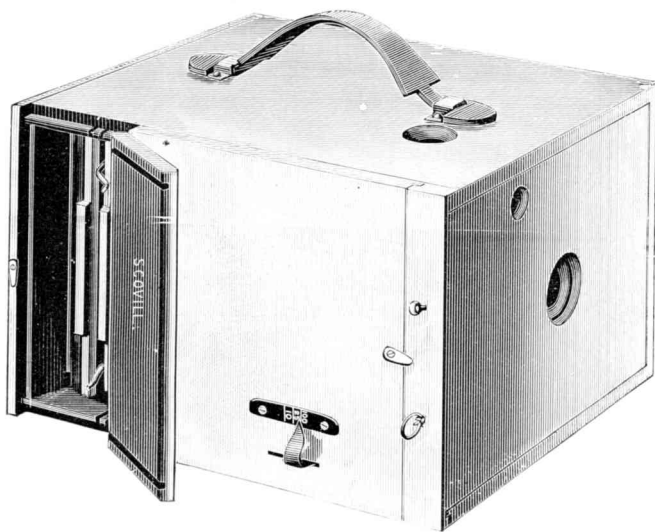




ON THE BROOKLYN BRIDGE.

Photographed by the "Empire" Camera.

The



“Empire” Camera.

The "Empire" Camera.

THIS popular little hand camera is not a toy, as some may suppose on account of the remarkably low price at which it is sold, but it is a good, practical, working instrument, which we can unhesitatingly recommend. It has a lens which is equal to those sold in \$15 cameras, and it will make pictures 4x5 size, either "snap shots" or on a tripod, equal to the pictures made by \$15 cameras.

The specimen picture in this little manual is a fair example of the work which can be done with the "Empire" Camera. The lens is fitted with a time and instantaneous (hard rubber) shutter; an effective, and still very simple, side focusing arrangement with indicating plate; and a good "view finder" is also included in this camera. It possesses a

neat leather bellows, and is made throughout in a workmanlike and substantial manner.

The cut on the third page gives a good idea of the external appearance of the "Empire" camera. It is finished in two styles. The No. 1 is finished in an antique oak stain, which is very attractive, and the No. 2 is leather covered. Complete instructions for using the camera follow, and a price list of the cameras, with extra apparatus and developing and printing outfits, is also included on another page.

INSTRUCTIONS.

Filling the Plate Holders.—This must be done in a room or closet that may be made absolutely dark, and a ruby lantern used in the daytime. If more convenient, all the work pertaining to photography can be done after dark in an ordinary room in which only ruby light is used. Open the plate holders by drawing out, from the top, the slides. Then open the package of dry plates, which

must be of the most sensitive kind if a "snap" shot picture is desired, and insert a plate in each side of the holder, with the sensitive (not the glossy) side outward. Always lift a plate by taking hold of the edges of the glass. Never touch the film with the fingers. Dust plate holders and plates carefully with a camel hair brush before filling. Close the slides, place holder in the camera in front of focus screen, and it is ready for taking a picture.

Exposure.—To properly expose a plate requires considerable practice, so great care must be exercised in making it by the beginner. Never undertake to make an instantaneous view without a bright, clear sunlight shining full upon the object to be taken.

Focus by moving the indicator on the side of the camera to the number of feet from the object to be taken.

To Set the Shutter, draw the string its full length; now pull out the dark slide nearest the lens, being careful not to let the sunlight strike on that end of the plate holder while

doing so, as the least ray of light will instantly ruin the plate. Hold the camera as nearly level as possible, pointing toward the object, which will be seen in miniature upon the finder; remove the stopper, hold the camera firmly, and press the button to release the shutter. Replace the slide in the plate holder, reverse the holder and you are ready to commence again.

To make a "Timed" Picture, such as interiors, or other subjects, when the light is not sufficiently strong to make an instantaneous picture, it will generally be preferred to focus with the ground glass screen instead of the index. Set up the camera upon a tripod, or any convenient resting place. To uncover the lens; set the shutter half way and focus by moving the focus screen backward and forward until the image, which is inverted on the glass screen, appears perfectly sharp in all its detail; next insert the plate holder and cover the lens with the stopper, then draw out the holder slide, uncover the lens and count off the number of

seconds necessary for the exposure; recap the lens and close shutter by touching the button, and replace the slide in the holder. The length of time necessary for the exposure depends entirely upon the amount of light reflected. On a bright, sunny day, in a well-lighted room, two or three seconds will suffice, and from that up to as many minutes for a poorly-lighted room.

: PRICE : LIST :

The "Empire" Camera, No. 1 (finished in Antique Oak Stain), - . - -	\$5 00
The "Empire" Camera No. 2 (Leather Covered), - - - - -	7 50
Extra Double Holders for "Empire," each,	1 00
Tripod for "Empire" Camera (Taylor),	2 25
Developing Outfit for "Empire" Camera,	2 00
Printing " " " "	2 00
Developing and Printing Outfit for "Empire"	
Camera includes everything necessary to make a finished photograph, - -	4 00

The "Empire" Developer Outfit consists of:

- 1 Bottle Developer.
- 1 Package Hyposulphite Soda.
- 1 Package 4 x 5 Dry Plates.
- 2 4 x 5 Developing and Fixing Trays.
- 1 Minim Glass Graduate.
- 1 2-ounce Glass Graduate.
- 1 Dark-room Lantern.

PRICE, \$2 00.

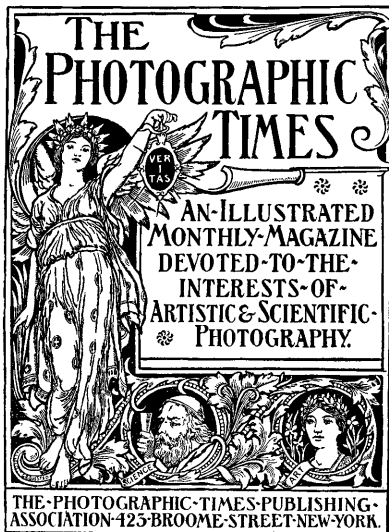
The "Empire" Printing Outfit consists of:

- 1 Package 4 x 5 Printing Paper.
- 1 Bottle Toner and Fixer.
- 1 4 x 5 Printing Frame.
- 2 4 x 5 Toning and Fixing Trays.
- 1 Package Mounts.
- 1 Jar Paste.
- 1 Ounce Glass Graduate.
- 1 Manual.

PRICE, \$2.00.

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