W. P. RUSSELL.

RETOUCHING FRAME.

APPLICATION FILED APR. 27, 1918.

1,296,432. Patented Mar. 4, 1919.

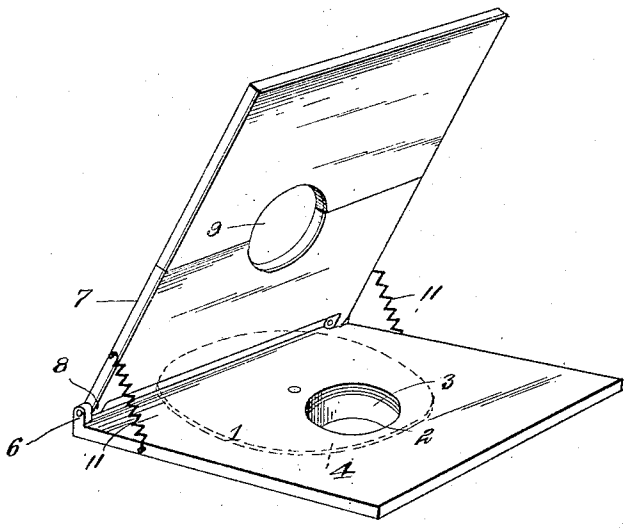


Fig. 1

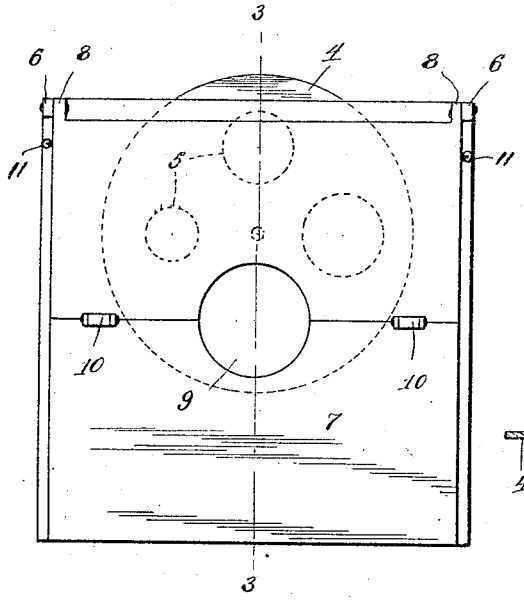


Fig. 2

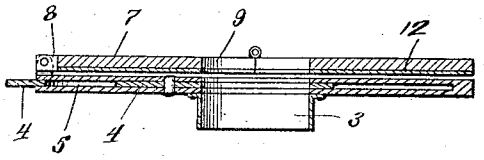


Fig. 3

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RETOUCHING-FRAME.

1,296,432. Specification of Letters Patent. Patented Mar. 4, 1919.

Application filed April 27, 1918. Serial No. 231,137.

To all whom it may concern:

Be it known that I, WILLIAM P. RUSSELL, a citizen of the United States, residing at Anniston, in the county of Calhoun and State of Alabama, have invented new and useful Improvements in Retouching-Frames, of which the following is a specification.

This invention relates to new and useful improvements in photographers' retouching frames, and the principal object of the invention is to provide means for holding the negative so that the same will not come in contact with the hand of the operator and to provide means for controlling the size of the opening through which the reflected light passes on to the negative.

Another object of the invention is to provide a device of this character which is simple and durable in construction, reliable and efficient in operation and one which can be manufactured and placed upon the market at a minimum cost.

The invention also consists in certain other features of construction and in the combination and arrangement of the several parts, to be hereinafter fully described, illustrated in the accompanying drawings and specifically pointed out in the appended claims.

In describing my invention in detail, reference will be had to the accompanying drawings wherein like characters denote like or corresponding parts throughout the several views, and in which:—

Figure 1 is a perspective view with the cover in partly raised position.

Fig. 2 is a top view.

Fig. 3 is a section on line 3—3 of Fig. 2.

As shown in these views the device consists of a frame 1 having a centrally arranged circular opening 2 therein from the lower edge of which projects a flange 3. A recess is formed in the frame and a circular plate 4 is located in said recess and is eccentrically pivoted to the frame so that it may be rotated within the recess. A portion of the plate projects from the recess and said plate is provided with a plurality of openings 5 of different diameters and arranged to register with the opening 2 whereby the size of said opening 2 may be adjusted in order to regulate the amount of light passing therethrough. The plate may be rotated by grasping the projecting portion thereof with the fingers and turning the same. At one end of the frame are located lugs 6 to which is pivoted a cover 7 by means of the projecting strips 8 carried by said cover. This cover is provided with an opening 9 registering with the opening 2 and I prefer to form said cover of two parts which are hinged together by means of the hinges 10. The lower face of the cover is provided with a suitable lining 12 as shown. Springs 11 are provided for normally holding the cover in contact with the face of the frame.

My device is placed on the ordinary retouching frame with the flange 3 engaging the opening in said frame through which the light passes on to the negative. This flange will permit the device to be rotated on the frame to any position. The negative is placed on the frame above the opening 2 and then the cover lowered to clamp said negative in place. As will be seen the negative may be retouched without the operator's hand coming in contact therewith. The amount of light on the negative may be regulated by turning the plate with the holes therein to bring any desired hole under the negative. When it is desired to move the negative this may be easily done by swinging up the end portion of the cover while allowing the main portion of the cover to remain in lowered position.

It is thought from the foregoing description that the advantages and novel features of my invention will be readily apparent.

I desire it to be understood that I may make changes in the construction and in the combination and arrangement of the several parts, provided that such changes fall within the scope of the appended claims.

What I claim is:—

1. A device of the class described comprising a frame having a central opening therein, a flange around said opening and depending therefrom, and a hinged cover on said frame having an opening therein.

2. A device of the class described comprising a frame having a central opening therein, a flange depending from said opening, means for regulating the size of said opening, and a hinged plate for holding the negative on the frame, said plate having an opening therein registering with the first mentioned opening.

3. A device of the class described comprising a frame having an opening therein, a

hinged cover on said frame having an opening coinciding with the first mentioned opening, spring means for normally holding the cover on the frame, said cover consisting of two parts hinged together.

4. A device of the class described comprising a frame having a central opening therein, means for regulating the size of said opening and a hinged plate for holding the negative on the frame, said plate having an opening therein registering with the first mentioned opening.

In testimony whereof I affix my signature.

WILLIAM P. RUSSELL.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."