

(No Model.)

2 Sheets—Sheet 1.

H. A. STIMSON & C. J. ISAACSON.

PHOTOGRAPHIC PRINT HOLDER.

No. 533,752.

Patented Feb. 5, 1895.

Fig. 1.

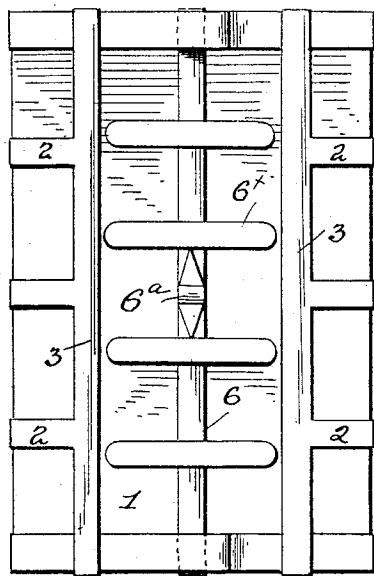


Fig. 2.

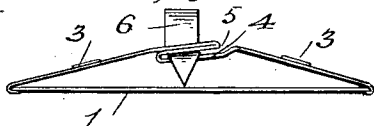


Fig. 3.

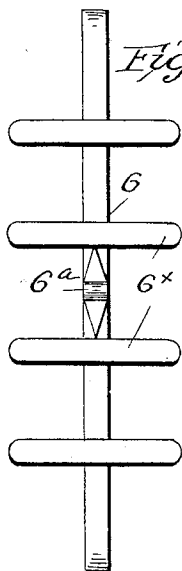


Fig. 4.

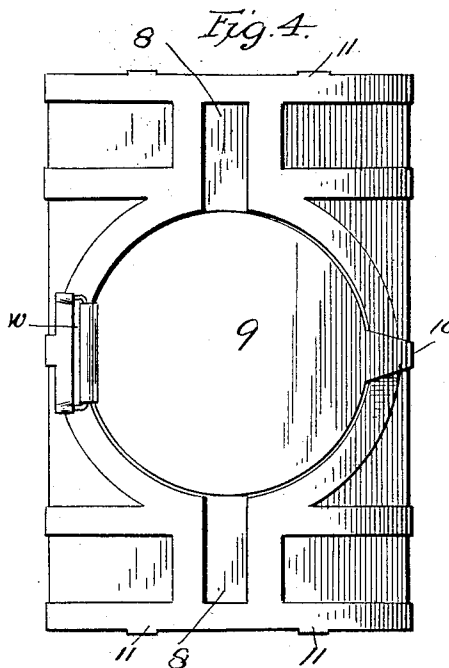


Fig. 5.



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by Ellis Spear

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Fig. 6.

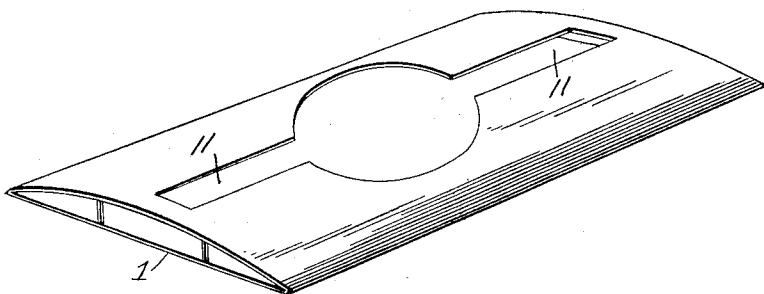


Fig. 7.

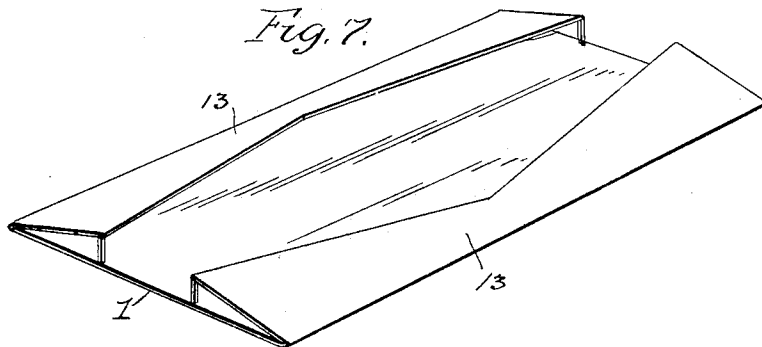
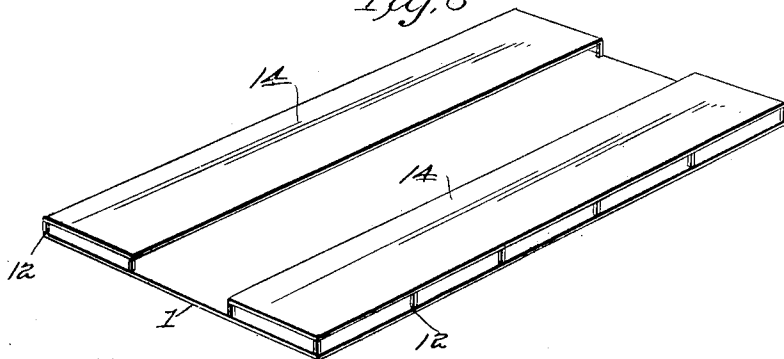


Fig. 8.



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UNITED STATES PATENT OFFICE.

HENRY A. STIMSON AND CHARLES J. ISAACSON, OF SOUTH SUPERIOR,
WISCONSIN.

PHOTOGRAPHIC-PRINT HOLDER.

SPECIFICATION forming part of Letters Patent No. 533,752, dated February 5, 1895.

Application filed August 18, 1894. Serial No. 520,722. (No model.)

To all whom it may concern:

Be it known that we, HENRY A. STIMSON and CHARLES J. ISAACSON, citizens of the United States of America, residing at South Superior, in the county of Douglas and State of Wisconsin, have invented certain new and useful Improvements in Photographic Print and Film Holders, of which the following is a specification.

10 It is the object of our invention to provide a holder for prints which will permit the prints to be readily placed therein and removed therefrom and will hold the print securely against curling up when in the toning or washing bath and will also permit the operator to readily view all parts of the print without disturbing the same.

Our invention consists of a base plate and the retaining means extending over the same and having an open center for the introduction or removal of the prints.

25 It consists further in making the retaining means in the form of an open crate or skeleton frame adapted to permit the toning solution or the washing bath to reach all parts of the print and to permit all parts to be observed by the operator; the primary purpose of the crated portion being to keep the print spread out and prevent the same from curling up.

30 In the accompanying drawings—Figure 1, is a plan view of one form of holder. Fig. 2, is an end view of the same. Fig. 3, is a detail view of the center piece or closing bar. Fig. 4, is a plan view of a modification. Fig. 5, is an end view of the same and Figs. 6, 7 and 8 are views of modifications.

35 The base plate 1 is plain and is preferably of metal. It is of about the width of the print to be held. Across its upper side the crate or open frame work extends, comprising longitudinal and transverse bars forming a skeleton frame. The transverse bars incline upwardly from the edges of the plate and in Fig. 1 these bars marked 2 are short and connect with the parallel longitudinal bars 3 arranged with an open space between them. The end cross bars are buckled or lapped at their central portions to form the recesses 4 having inlet openings 5 to receive the ends of the center or closing bar 6 which extends from end to end of the open frame and has lateral

fingers 6^x throughout its length extending to the parallel bars 3. The bar has a central knob or finger piece 6^a by which it may be manipulated. Its ends are bent or turned down to engage the end bars and prevent longitudinal displacement. When in place the bar closes the opening between the parallel bars sufficiently to prevent the print from buckling up and yet leaves the same sufficiently exposed for the bath and for observing the progress of the toning. When removed the opening left by the bar is large enough to permit the print to be placed and removed. The open frame may be made of sheet metal or other suitable material.

In Figs. 4 and 5 the open frame work has a circular opening in its center and this main opening has narrower openings 8, 8, extending longitudinally to the end cross bars so that by folding the edges of the print together, thrusting them down through the center opening and the narrow extensions and allowing them to spread out the print may be placed in position in the holder. The center circular opening is closed by a cover 9 hinged at *w* and having a catch extension 10 engaging the edge of the main plate. The ends of this holder are guarded by the prongs 11 extending between the retaining frame and the base. In the form first described the prongs on the ends of the center bar answer the purpose of holding the print against longitudinal movement.

In Fig. 6 we show a perspective view of another modification in which the centrally open upper frame consists of a plate having a central opening with longitudinal extensions 11 which are narrow slots but sufficiently wide to admit of the introduction of a folded print. The spurs in this instance are used also at the ends of the holder.

In Fig. 7 the central opening in the upper plate or frame is diamond shaped thus presenting the largest part of the opening at the center and the narrower or tapered portions toward the ends. The sides 13 of the upper frame in this case are divided from each other and the spurs or studs form supports for the corners of the divided sides.

In Fig. 8 the upper retaining frame comprises the two sides 14 divided from each

other as in the previous case but instead of extending upwardly and inwardly on an incline from the edges of the base these sides are parallel to the base and are connected therewith by spurs or studs 12 forming an open work structure.

The essential feature of our invention being a holder having a base plate and an open upper retaining frame, we do not wish to limit ourselves to any particular construction or arrangement of the parts.

The whole device may be made in one piece excepting the cover, or it may be made in several pieces joined to the base.

The hinged cover 9 holds the central or body portion of the print down and prevents the water of the bath from bulging it up. In all the modifications shown the central opening extends from end to end of the holder.

The print may be viewed readily by throwing back the pivoted cover.

We claim—

1. A photographic print holder comprising a base plate and the centrally open frame extending over the same with the end spurs or studs for guarding the ends of the holder, substantially as described.

2. A photographic print holder comprising

a base plate, the centrally open frame extending over the same and the means for closing the said opening, substantially as described.

3. A photographic print holder comprising the base and the centrally open frame extending over the same and made up of the open work, and the open work closing means for the said central opening, substantially as described.

4. A photographic print holder comprising a base plate and the centrally open frame extending over the base the parts of said frame on each side of the central opening being of open work and the central opening extending from end to end of the frame.

In testimony whereof we affix our signatures in presence of two witnesses.

HENRY A. STIMSON.

CHARLES J. ISAACSON.

Witnesses as to the signature of H. A. Stimson:

J. A. ISAACSON,

C. E. HOWARD.

Witnesses as to the signature of C. J. Isaacson:

CHAS. MOHR,

SMITH UTTER.