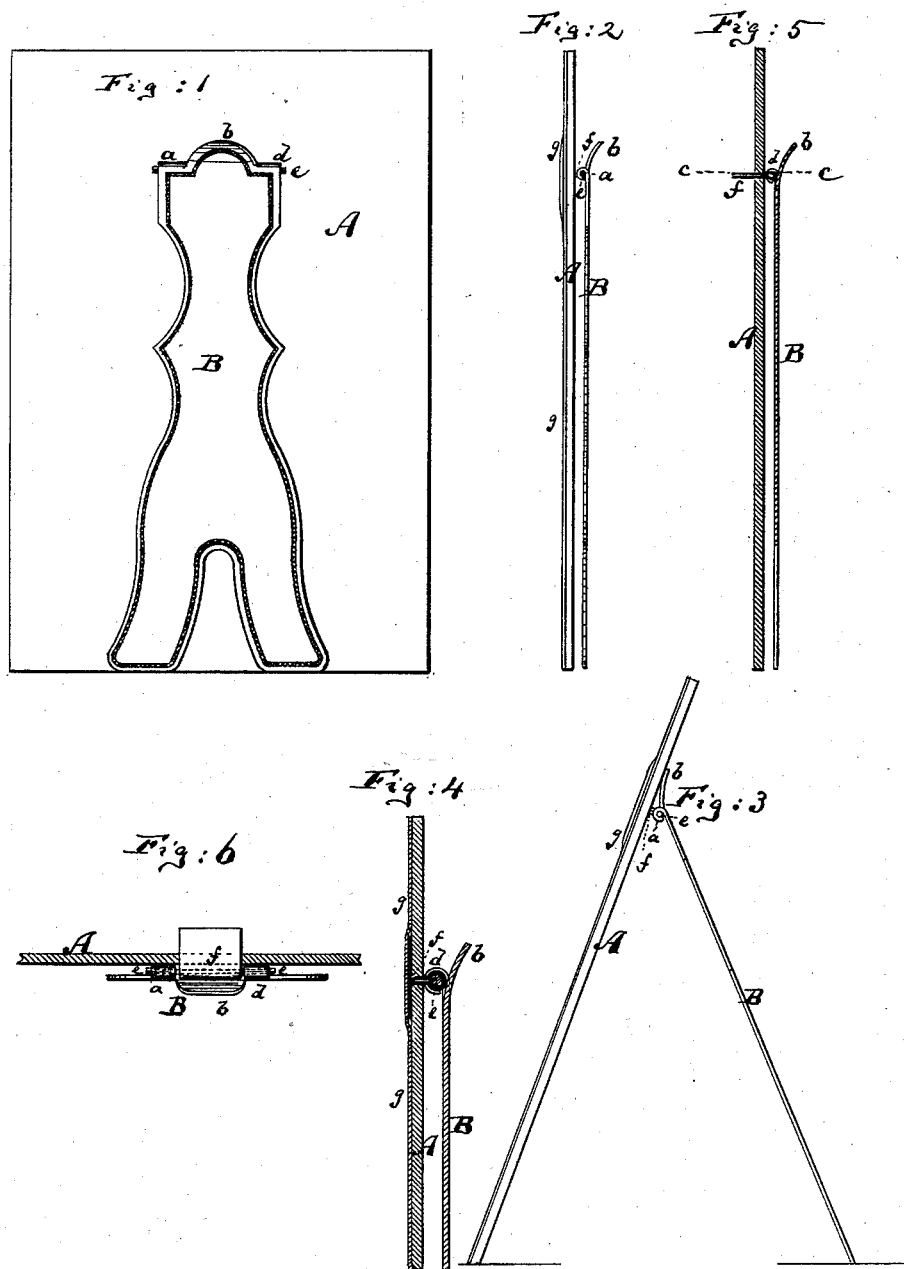


J. RIED.

Back-Brace for Picture-Frame.

No. 216,347.

Patented June 10, 1879.



Witnesses:
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IMPROVEMENT IN BACK-BRACES FOR PICTURE-FRAMES.

Specification forming part of Letters Patent No. 216,347, dated June 10, 1879; application filed
May 1, 1879.

To all whom it may concern:

Be it known that I, JOSEPH RIED, of Jersey City Heights, in the county of Hudson and State of New Jersey, have invented a new and Improved Back-Brace for Picture-Stands, of which the following is a specification.

Figure 1 is a back view of a picture-stand having my improved back-brace. Fig. 2 is a side view thereof, showing the brace folded against the stand. Fig. 3 is a side view thereof, showing the brace in use. Fig. 4 is a vertical cross-section through the brace-joint, this figure being on an enlarged scale. Fig. 5 is a vertical cross-section through the brace-joint before it is definitely screwed to the back. Fig. 6 is a horizontal section on the line *c c*, Fig. 5.

Similar letters of reference indicate corresponding parts in all the figures.

This invention relates to a new manner of constructing and attaching the back-brace of a picture stand or frame. The object is to avoid the use of solder and rivets, and permit the brace to be hinged to the back of the frame without difficulty, and in positive and workmanlike manner.

In the drawings, the letter *A* represents the back of a picture or mirror frame or stand. *B* is the back-brace for holding the frame in inclined position, as shown in Fig. 3. This brace is a plate of sheet metal or other suitable material. Its upper end is formed into three lips, *a*, *b*, and *d*, two of which, *a* and *d*, are turned forward and downward, to form eyes for the reception of the hinge-pin *e*, while the middle lip, *b*, is bent slightly backward, as in Figs. 2, 3, and 4, to constitute a stop or rest for the pic-

ture-frame. I attach importance to the making of the three lips *a*, *b*, and *d* in one piece, as thereby much labor in attaching the brace to the picture-frame is economized. The pin *e*, which rests in the eyes *a* and *d*, serves to support between said eyes a band or strap, *f*, of thin metal, which band is at first merely doubled over the pin, as in Figs. 5 and 6, so that its ends project forward, being the one flat above the other. These ends are inserted through a narrow slit of the back *A*, as in Fig. 5, and then bent apart and folded against the face or front of the back *A*, as in Fig. 4. The brace is now properly secured and hinged to the back *A* of the frame. A sheet, *g*, of paper may, if desired, be gummed over the face of the back *A*, to cover, protect, and conceal the ends of the fastening-strap *f*.

The inclination of the back *A* may be varied by bending the middle lip, *b*, backward to a greater or less extent.

I claim—

1. The picture-frame brace *B*, made at its upper end with the lips *a*, *b*, and *d*, to form two eyes and a middle stop, all of one piece, substantially as herein shown and described.

2. The combination of the brace *B*, separate hinge-pin *e*, and strap *f* with the back *A*, having narrow slot for the admission of the closed ends of the strap, substantially as herein shown and described.

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