

No. 645,218.

Patented Mar. 13, 1900.

J. ROCHE.  
MIRROR HINGE.

Application filed Dec. 20, 1899.

(No Model.)

Fig. 1

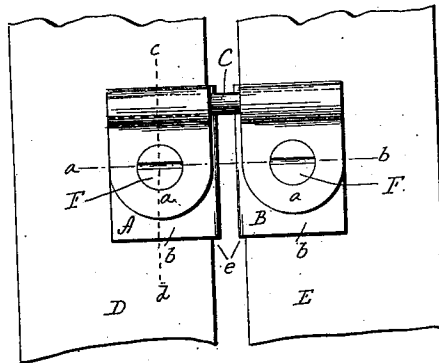


Fig. 2

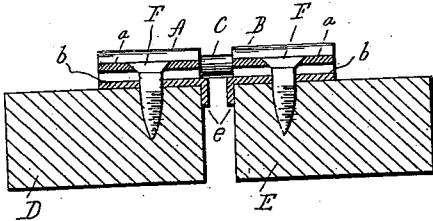


Fig. 3

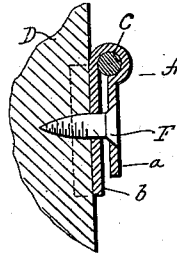
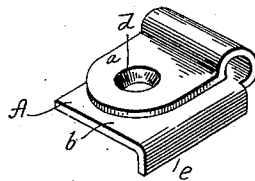


Fig. 4



Witnesses.

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# UNITED STATES PATENT OFFICE.

JAMES ROCHE, OF TERRYVILLE, CONNECTICUT, ASSIGNOR TO THE EAGLE LOCK COMPANY, OF SAME PLACE.

## MIRROR-HINGE.

SPECIFICATION forming part of Letters Patent No. 645,218, dated March 13, 1900.

Application filed December 20, 1899. Serial No. 740,974. (No model.)

*To all whom it may concern:*

Be it known that I, JAMES ROCHE, of Terryville, in the county of Litchfield and State of Connecticut, have invented a new Improvement in Mirror-Hinges; and I do hereby declare the following, when taken in connection with the accompanying drawings and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent, in—

Figure 1, a face view of a mirror-hinge constructed in accordance with my invention; Fig. 2, a sectional view on the line *a b*; Fig. 3, a sectional view on the line *c d* of Fig. 1; Fig. 4, a perspective view of one of the straps detached.

This invention relates to an improvement in mirror-hinges or, as they are sometimes called, "transom-lifter pivots"—that is, friction-hinges which are employed in hanging mirrors in bureaus, dressing-cases, &c, transoms, and for similar purposes, and particularly to that class which consist of sheet-metal straps bent around a pintle and adapted to be clamped with more or less friction on the pintle.

The object of the invention is to construct a hinge which will require only one screw for each part to hold it in position and yet have the parts rigidly held against twisting; and it consists in forming adjacent perpendicular or upright edges of one or both straps with lips adapted to extend over the edges of the parts to which the hinge is applied, and as will be more fully hereinafter described, and particularly recited in the claim.

The hinge shown consists of two straps A B, each bent around a pintle C and so that the two ends or leaves *a b* of each strap will stand substantially parallel with each other, but preferably in different planes, so as to leave a space between them. Extending through both leaves of each part of the hinge is a screw-hole *d*, through which screws F may extend for securing the parts of the hinge in position and by which also the leaves of the hinge are drawn together to clamp with more or less friction upon the pintle. One side of the lower leaf *b* of each part is ex-

tended downward, forming a lip *e*, which bears upon the edge of the upright D, and the other lip upon the outer edge of the mirror or other frame E and so as to form a bearing on the edge of each and prevent the straps from turning on the screws. If desired, the lips may be mortised into the upright and frame; but as they are so thin they would not be unsightly if placed upon the edge.

The operation of the hinge is the same as those of ordinary construction and does not require description.

It is evident that in some cases only one strap will be employed and that when two straps are employed it may sometimes be desirable to omit the lip from one strap. It is also clear, without illustration, that the lip may be formed on either or both leaves of the straps; but preferably it will be employed on the lower leaves, the advantage of the lip being that but one screw is required for securing each part of the hinge in position, as the lip bearing throughout the length of the hinge prevents turning.

I am aware that the ends of the straps or leaves of transom-lifter pivots or mirror-hinges have been turned at right angles to the straps, and I am also aware that hinges having the ends of their straps bent into planes parallel with the plane of the pintle are old and therefore do not wish to be understood as claiming, broadly, such as my invention.

Having fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

A mirror-hinge, comprising a pintle, a strap bent around said pintle and forming two leaves, and a lip formed on the perpendicular or upright edge of one of the leaves to embrace the edge of the mirror or standard, substantially as described.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

JAMES ROCHE.

Witnesses:

R. J. PLUMB,  
OTIS B. HOUGH.