

A. WIRTH.
Hinges.

No. 142,315.

Patented August 26, 1873.

Fig. 1.

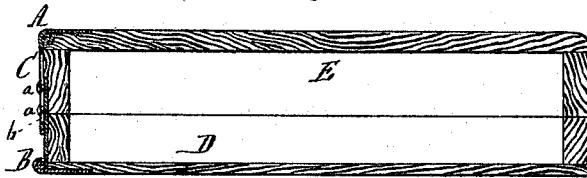


Fig. 2.

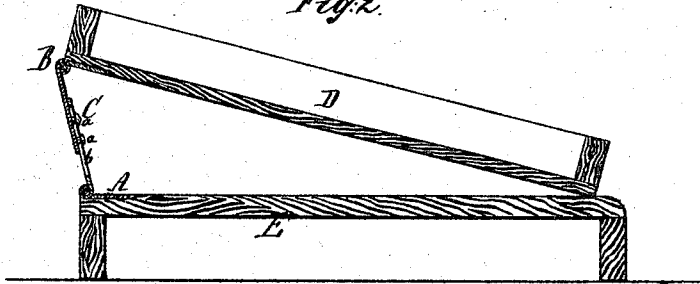


Fig. 3.

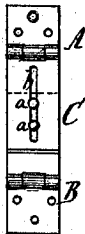
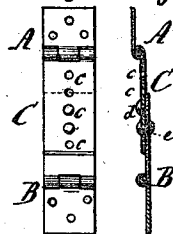


Fig. 4. Fig. 5.



Witnesses:

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Inventor.

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per
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Attn

UNITED STATES PATENT OFFICE.

ADOLF WIRTH, OF NEW YORK, N. Y., ASSIGNOR TO HIMSELF AND
CHARLES KOLB, OF SAME PLACE.

IMPROVEMENT IN HINGES.

Specification forming part of Letters Patent No. **142,315**, dated August 26, 1873; application filed
February 12, 1873.

To all whom it may concern:

Be it known that I, ADOLF WIRTH, of the city, county, and State of New York, have invented a new and useful Improvement in Hinges; and I do hereby declare the following to be a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification, in which drawing—

Figure 1 represents a longitudinal section of my hinge as applied to a box when said box is closed. Fig. 2 is a similar section of the same when the box is open. Fig. 3 is a face view of my hinge detached. Fig. 4 is a similar view of a modification of the same. Fig. 5 is a longitudinal section of the same.

Similar letters indicate corresponding parts.

This invention consists in a double hinge, the two parts of which are united by an extensible shank in such a manner that if one part of said hinge is secured to the body of a box and the other to its lid the shank can be adjusted to the height of the box, and at the same time the lid can either be turned up over the body of the box or it can be turned down under the said body, leaving the body in the best possible position for exhibiting its contents.

In the drawing, the letters A B designate the two parts of my hinge, which are united by a shank, C, consisting of two parts, one of which is provided with two studs or rivets, *a*, which move in a slot, *b*, in the other part; or instead of a slot and rivets, I provide one part of the shank with a series of holes, *e*, (see Fig.

4,) and the other part with a single hole, *e*, and with a nose, *d*, that can be made to catch in either of the holes *c*; and when the nose is secured in one of these holes *c*, the hole *e* comes opposite to one of the other holes *c*, and the two parts of the shank can be secured together by a rivet. By this arrangement the shank which unites the two parts of my hinge can be lengthened or shortened to accommodate the hinge to boxes of different size.

This hinge is intended particularly for jewelry-boxes, where it is desirable to bring the box either in its closed position, shown in Fig. 1 or in its exposing position, shown in Fig. 2. In this last-named position the article contained in the body D of the box is brought in a convenient position to be inspected in a store-window or in a show-case, said body being supported by the lid E, which folds under, as shown.

Boxes of this class have to be made in all different sizes and shapes, according to the articles which they are to receive; and a hinge which can be adjusted for boxes of a great many different sizes has been a desideratum which I have sought to offer to the public by my invention.

What I claim as new, and desire to secure by Letters Patent, is—

A hinge composed of two parts, A B, united by an extensible shank, C, substantially in the manner shown and described.

ADOLF WIRTH.

Witnesses:

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