No. 667,838. Patented Feb. 12, 1901.

J. F. COLLINS.

HINGE.

(Application filed Aug. 22, 1899.)

(No Model.)

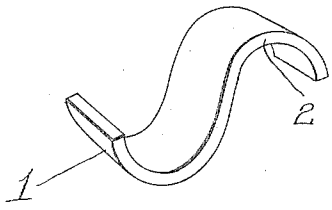


FIG. 1.

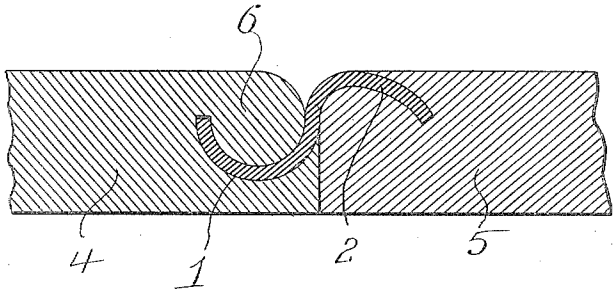


FIG. 2.

WITNESSES:
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UNITED STATES PATENT OFFICE.

JEREMIAH F. COLLINS, OF BROCKTON, MASSACHUSETTS.

HINGE.

SPECIFICATION forming part of Letters Patent No. 667,838, dated February 12, 1901.

Application filed August 22, 1899. Serial No. 728,045. (No model.)

To all whom it may concern:

Be it known that I, JEREMIAH F. COLLINS, of Brockton, in the county of Plymouth and State of Massachusetts, have invented certain new and useful Improvements in Hinges, of which the following is a specification.

This invention relates to a new and useful hinge; and it consists in the novel features of construction and relative arrangement of parts hereinafter fully described in this specification, clearly illustrated in the drawings, and particularly pointed out in the claim.

Reference is to be had to the accompanying one sheet of drawings and the characters marked thereon, which form a part of this specification, like characters designating like parts or features, as the case may be, wherever they occur.

In the drawings, Figure 1 shows in perspective a hinge constructed in accordance with my invention. Fig. 2 shows the manner of securing the hinge in place.

The hinge constructed in accordance with my invention comprises a piece of metal formed into a general S-shaped body having the oppositely-curved ends 1 2. In practice the two parts 4 and 5 to be hinged together are formed with cuts corresponding to the shape of the ends 1 and 2. The cut in the movable part 5 should be of slightly different curvature than that of the end 2, so that when the latter is sprung into place it will be retained by its own resiliency without the aid of screws. The end 1 slides in and out of its complemental recess about the member 6 as a pivotal center as the part 5 is moved up and down.

Having thus explained the nature of my invention and described a way of constructing and using the same, though without attempting to set forth all of the forms in which it may be made or all of the modes of its use, what I claim, and desire to secure by Letters Patent, is—

A metal bond or hinge formed in the general shape of the letter S, one of the curved ends of the said bond being adapted to be sprung in a complemental recess of a member adapted for movement about the axis of said bond and retained in place by its own resilience; the opposite curved end of said bond being arranged to slide in a complemental recess in a relatively stationary support.

In testimony whereof I have affixed my signature in presence of two witnesses.

JEREMIAH F. COLLINS.

Witnesses:
H. L. ROBBINS,
E. BATCHELDER.