

J. R. Gould,

Hinge.

No. 97,907,

Patented Dec. 14, 1869.

Fig 1.

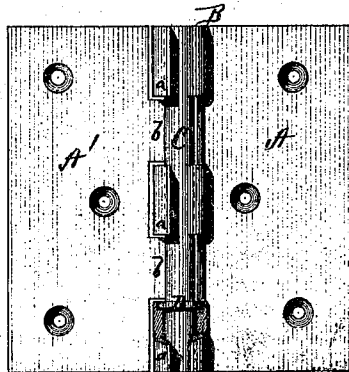
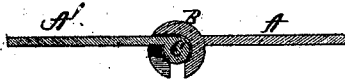


Fig 2.



Witnesses.

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D. R. GOULD, OF CHESTERTOWN, NEW YORK; ASSIGNOR TO HIMSELF AND OSCAR H. GREEN, OF SAME PLACE.

Letters Patent No. 97,907, dated December 14, 1869.

IMPROVED HINGE.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, D. R. GOULD, of Chestertown, in the county of Warren, and in the State of New York, have invented certain new and useful Improvements in Hinges; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

The nature of my invention consists in the construction of a hinge, which can be used for either right or left-hand door by simply changing a small washer.

In order to enable others skilled in the art to which my invention appertains, to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawings, in which—
Figure 1 is an inside view of the hinge, and
Figure 2 is a plan view or edge view.

A A' represent the halves of the hinge, to be secured in the usual manner to the door and door-frame.

The one half, A, is, at the inner edge, provided with the but or barrel B, which is cut on the inside, so as to form three separate parts *a a*, while on the outside it is all in one piece. The parts *a a* are slotted vertically, exactly at right angles with the hinge A.

The other half, A', of the hinge is, at its inner

edge, provided with a bolt, C, connected to the same by means of the pieces *b b*, of suitable size to pass freely between the parts *a a* of the barrel B.

The bolt C is passed through the barrel B, the slots in said barrel allowing the pieces *b b* to pass through.

To prevent the part A' from passing entirely through when placed at right angles with the part A, a recess is formed in the upper edge of the lower part *a* of the barrel B, in which recess a ring, D, or washer is placed, upon which the lower piece *b* will rest while passing the slot.

The ring D can be changed so that the hinge may be turned upside down, and thus made to answer either for a right or left-hand door.

Having thus fully described my invention,

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

The combination of the parts A A', barrel B, slotted as described, bolt C, pieces *b b*, and ring or washer D, all substantially as set forth.

In testimony that I claim the foregoing, I have hereunto set my hand and seal, this 16th day of August, 1869.

D. R. GOULD. [L. s.]

Witnesses:

J. H. WALKER,
C. L. EVERT.