J. BEAUDET.
HINGES.

No. 193,633. Patented July 31, 1877.

Fig 1

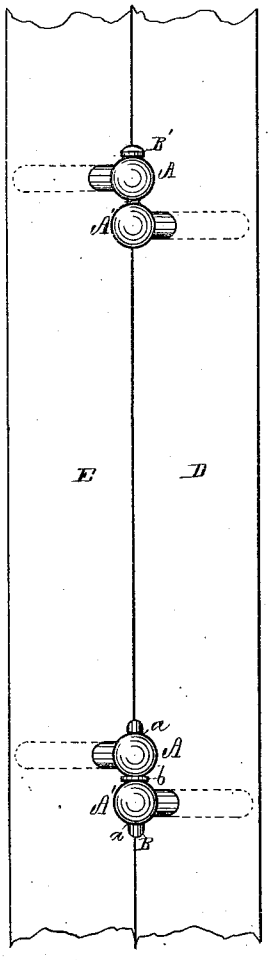


Fig 2.

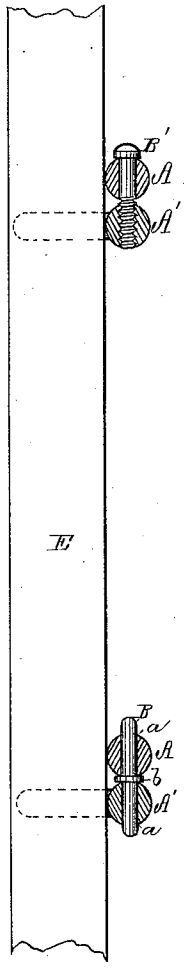
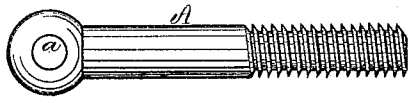


Fig 3.



Witnesses.
S. A. Piper.
L. W. Müller.

John Beaudet
by his attorney.
R. H. Eddy

N. PETERS, PHOTO-LITHOGRAPHER, WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

JOHN BEAUDET, OF CAMBRIDGEPORT, MASSACHUSETTS.

IMPROVEMENT IN HINGES.

Specification forming part of Letters Patent No. **193,633**, dated July 31, 1877; application filed June 23, 1877.

To all whom it may concern:

Be it known that I, JOHN BEAUDET, of Cambridgeport, of the county of Middlesex and State of Massachusetts, have invented a new and useful Improvement in Hinges; and do hereby declare the same to be described in the following specification and represented in the accompanying drawings, of which—

Figure 1 denotes a front elevation, and Fig. 2 a vertical section, of a pair of my improved hinges as applied to a door and its frame. Fig. 3 is a top view of one of the screws of the pair belonging to each hinge.

The upper of the two hinges shown in the drawing is composed of two hinge-screws, and a pivotal screw or pintle, the latter having a head, and being inserted through the head of one of the main hinge-screws, and screwed into that of the other. The lower of the said two hinges is represented as composed of two screws and a pivot or pintle, of a construction different from the pivot or pintle of the upper hinge.

In the drawings, A A′ are the two hinge-screws, provided with globular heads. The lower of the hinges shown in Fig. 1 has the heads of its screws bored diametrically and transversely, as shown at *a a*, to receive a pivot or pintle, B, provided at its middle with an encompassing flange, *b*, which goes between the heads, and serves to prevent the pivot or pintle from dropping out of place. In the upper of the hinges shown in Fig. 1 the pivot or pintle B′ is a headed screw, which is passed down through the upper hinge screw-head and screwed into the lower one.

In applying the hinge to a door, D, and its frame or case E, one hinge-screw, A, is to be screwed obliquely into the door and the other into the frame or case, the whole being so as to bring the head of one hinge-screw directly over that of the other.

I do not claim a hinge composed of two screws—one having an eye and the other a hook—to couple them together, such being as shown in the United States Patent No. 144,898; nor do I claim a double screw-hinge, in which one screw has a ring with orifices and notches, and the other a pin with projections, as shown in the United States Patent No. 127,425; nor do I claim a hinge composed of tangs and shanks, constructed, arranged, and provided with a pintle or pintles and eyes, as shown in the United States Patent No. 48,075.

The pivotal screw or pintle B′ of the upper hinge not only keeps the screws A A′ in engagement, but serves at the same time to keep the upper of the screws of the lower hinge from being accidentally thrown off its pintle.

I claim—

1. The combination of the two hinge-screws A A′ with the pivotal screw or pintle B′, inserted into the head of one and screwed into that of the other of such hinge-screws, substantially as represented, for the purpose set forth.

2. In combination with the door D and its frame E, and the two lower hinge-screws A A′ inserted therein, and arranged and provided with the pivot or pintle B and flange *b*, as set forth, the two upper hinge-screws A A′, and their headed pivotal screw or pintle B′, inserted through the upper of such hinge-screws, and screwed into that next below it, such upper pair of hinge screws being screwed into the door and frame, substantially as and for the purpose specified.

JOHN BEAUDET.

Witnesses:
R. H. EDDY,
JOHN R. SNOW.