

J. D. Browne,

Hinge.

No. 106,315.

Patented Aug. 16. 1870.

Fig. 1.

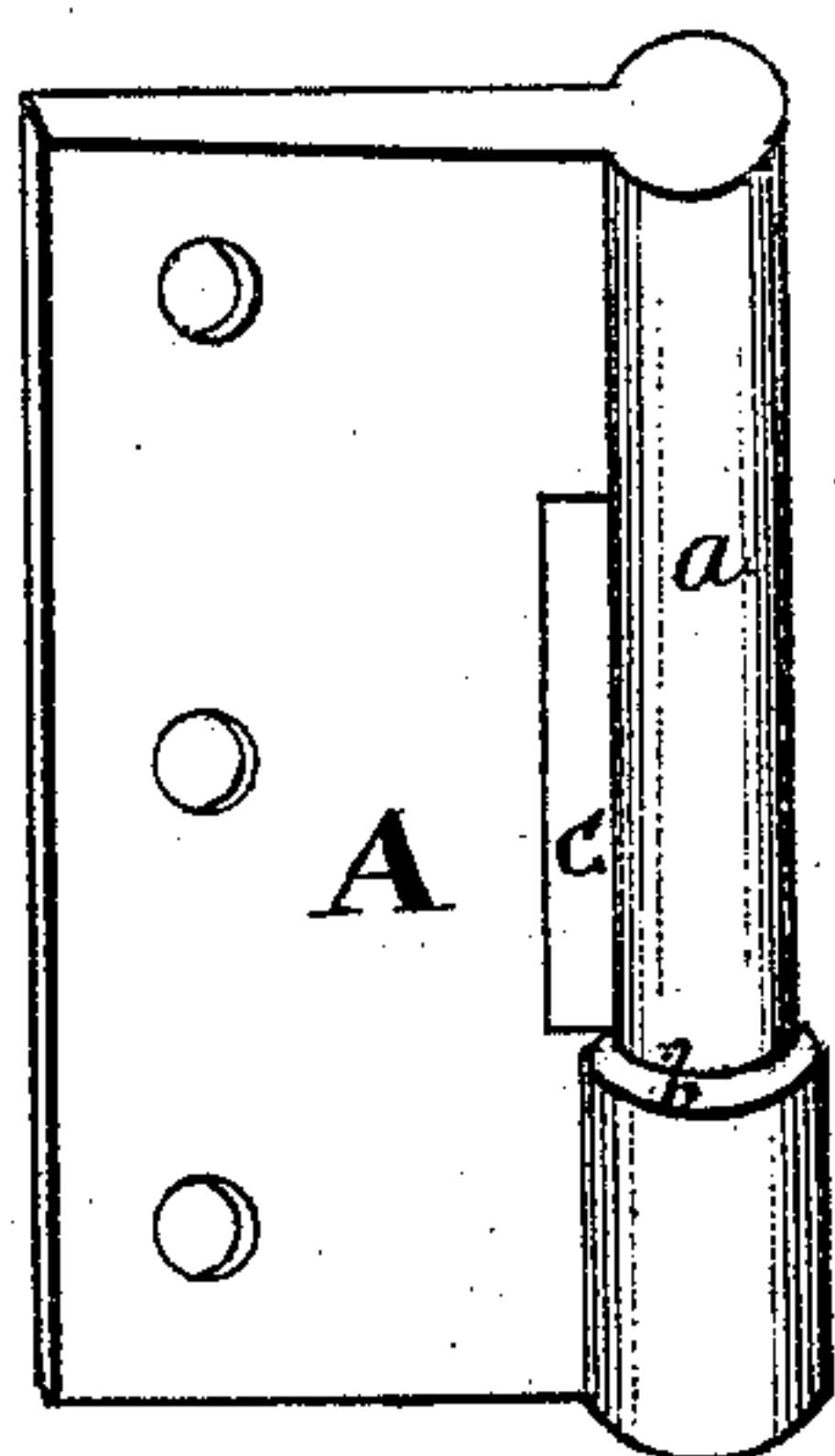


Fig. 2.

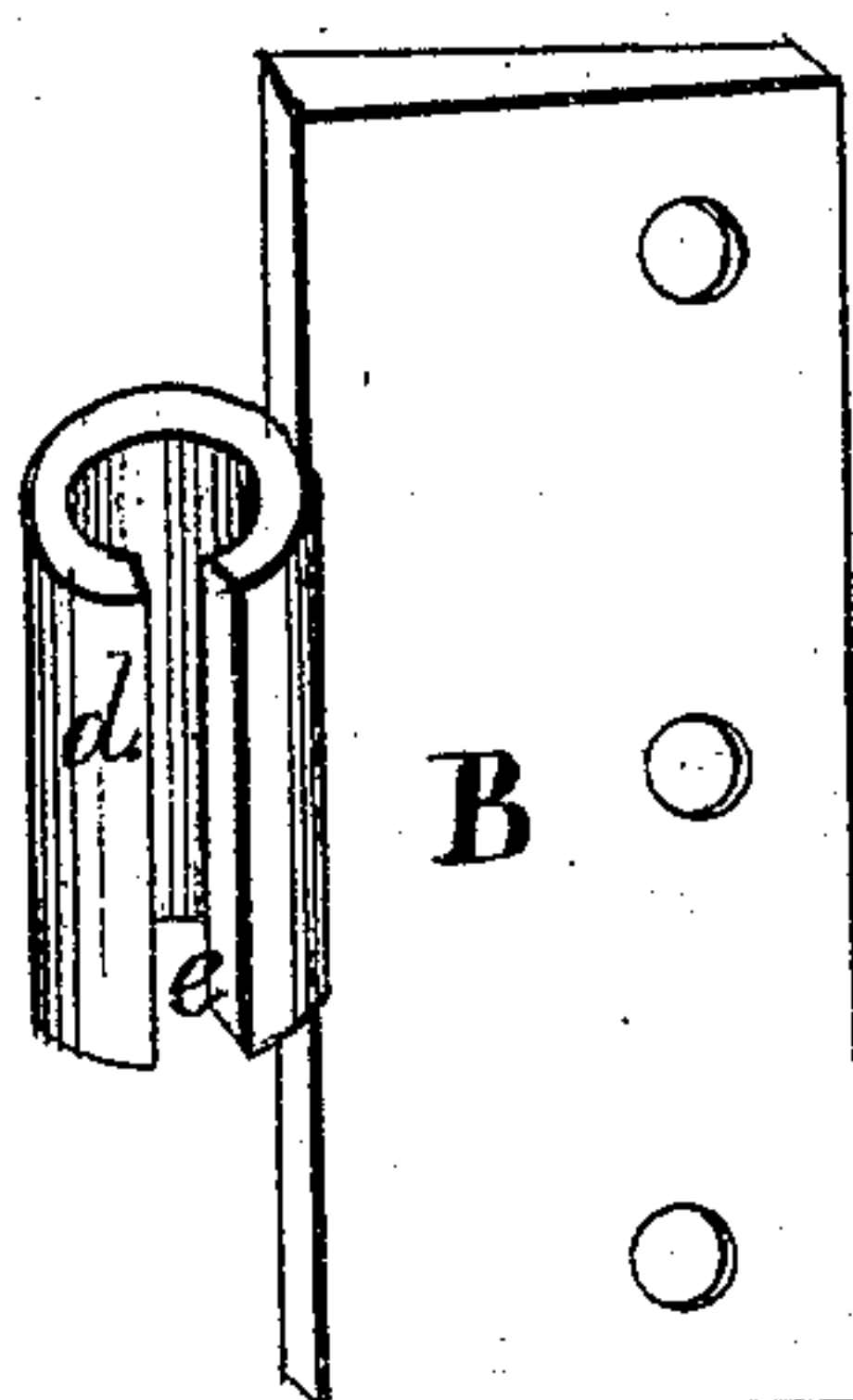


Fig. 3.

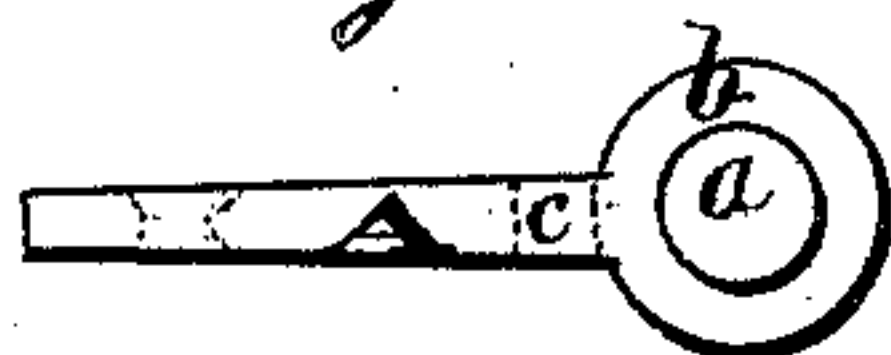
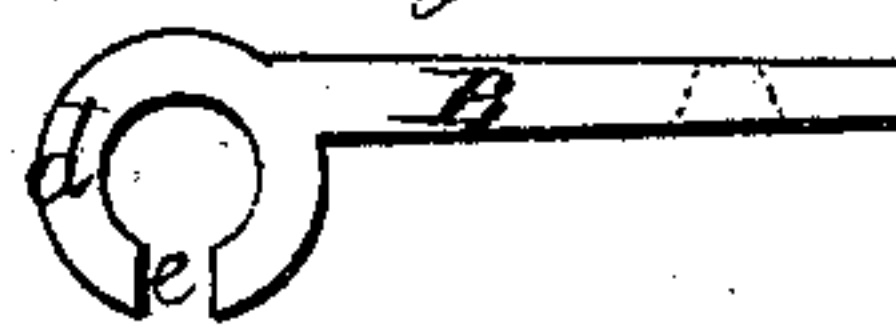


Fig. 4.



Witnesses
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JOHN DAVID BROWNE, OF MADISONVILLE, OHIO.

Letters Patent No. 106,315, dated August 16, 1870.

IMPROVEMENT IN HINGES.

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

Be it known that I, JOHN DAVID BROWNE, of Madisonville, in the county of Hamilton and State of Ohio, have invented a new and useful Improvement in Tight and Loose-joint Reversible Hinges, of which the following is a specification.

The nature of the invention consists in making the hinge, which is in two pieces, with the pintle knuckle having a bearing set centrally with its plate, and a slotted socket knuckle reversible.

The following is a description of the same, reference being had to the accompanying drawing making part of this specification, in which—

Figure 1 is a perspective view of one part of the hinge.

Figure 2 is a view of the other part.

Figures 3 and 4 are transverse sections of figs. 1 and 2.

A is one plate of hinge, having the knuckle *a* set centrally, to be used right or left, provided with the bearing *b*.

Above the bearing *b* an opening, *c*, is made in the plate A, of sufficient size to admit the socket-knuckle *d* on plate B, to pass through and work freely.

B is the other plate of hinge, having a hollow or socket-knuckle, *d*, to fit on knuckle *b* of plate A.

The socket *d* is provided with a slot, *e*, of sufficient width to pass over the thickness of plate A, and enter the opening *c* in plate A, and rest on the bearing *b*, so that it can be lifted off and on when the slot is in line with the plate, and, by reversing the part, can be used for either the right or left side.

I am aware that hinges have been made to be used as tight and loose joints, and also, that reversible hinges have been made to be used for the right or left side. These are not claimed, or the various parts separately.

I claim as my invention—

The combination of the plates A B, the central knuckle *a*, with the bearing *b* and the opening *c*, and slotted knuckle *d e*, all substantially as described, and for the purposes set forth.

JOHN DAVID BROWNE.

Witnesses:

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