

Selden & Liddell,

Hinge.

N^o 66,893. Patented July 16, 1867.

Fig. 1

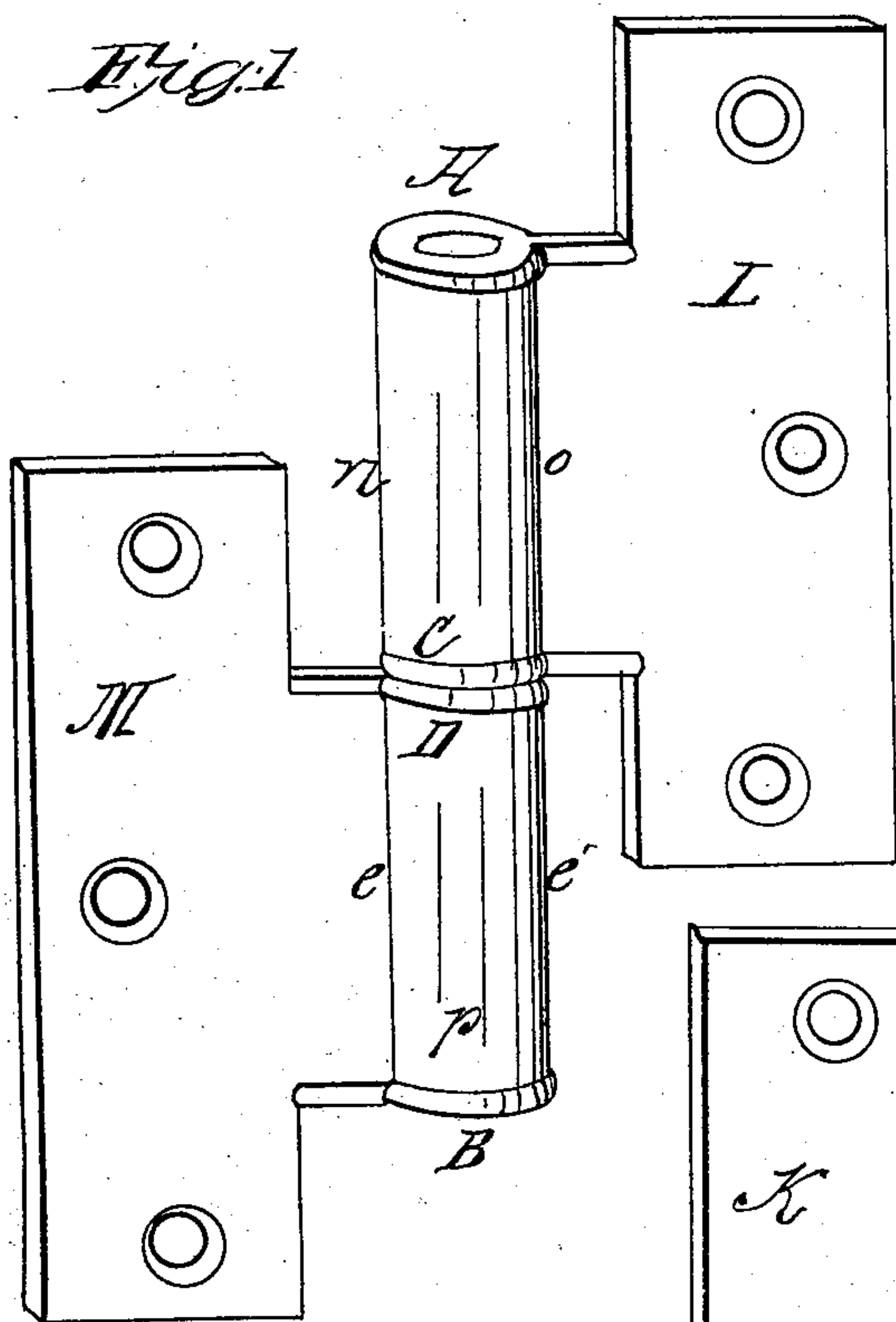
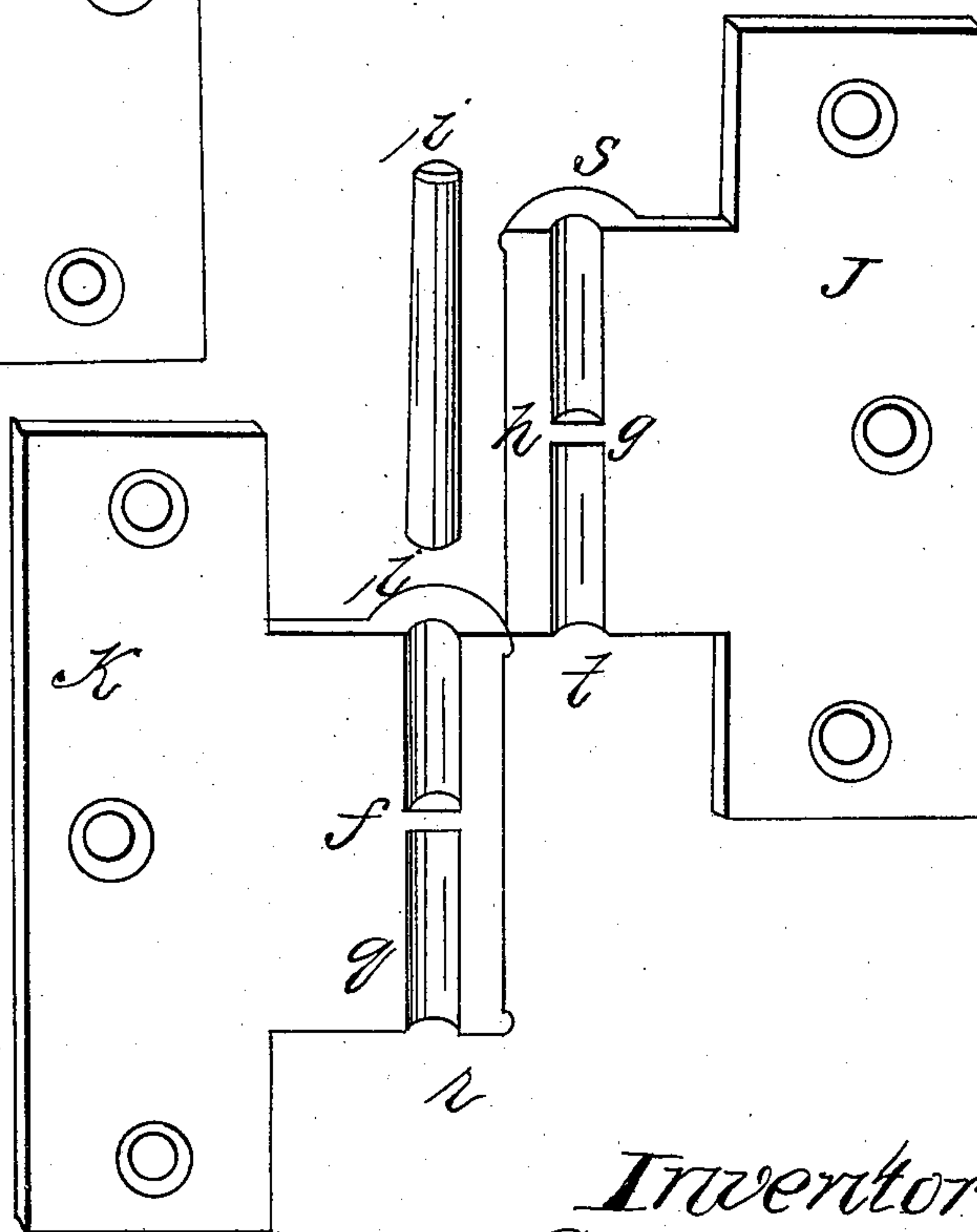


Fig. 2



Witnesses:

J. W. Witmore

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SAMUEL SELDEN AND W. J. F. LIDDELL, OF ERIE, PENNSYLVANIA,
ASSIGNORS TO JOHN C. SELDEN, OF THE SAME PLACE.

Letters Patent No. 66,893, dated July 16, 1867.

IMPROVEMENT IN HINGES.

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

TO ALL WHOM IT MAY CONCERN:

Be it known that we, SAMUEL SELDEN and W. J. F. LIDDELL, of Erie, in the county of Erie, and State of Pennsylvania, have invented a new and useful improvement on the Reversible Loose-Jointed Door-Hinge; and we do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, in which—

Figure 1 is a perspective view, and

Figure 2 is a vertical section through the centre of the joint.

A C and D B, bands of the hinge; *e e'*, point in the pin-hole, where there is a stop to prevent the pin from falling through; *f* and *g h*, sections of these stops in the pin-holes, represented solid with the bands; *i i'*, the pin of the hinge; J, K, L, and M, leaves of the hinge; *n o*, point of the stop where the hinge is reversed.

The operation of the improvement is as follows: Fig. 1 represents the arrangement of the leaves for a left-hand door. The pin *i i'* stops at *f*. For a right-hand door the band *r* is placed upon S, and the pin stops at *g h*. The stops *f* and *g h* may be movable plugs, and may be nearer the lower ends of the pin-holes *p* or *q*. In this case the pin can be longer, and the stops would be held in place by friction or otherwise. The stops may also be screws. In the left-hand door the stop would be held in a thread cut in the barrel at *r*, and for a right-hand door the plug would be held in the same way at *t*, fig. 2.

What we claim as our invention, and desire to secure by Letters Patent, is—

The stop in the band of the loose-jointed reversible door-hinge, constructed as specified, and for the purposes set forth.

SAM. SELDEN,
W. J. F. LIDDELL.

Witnesses:

J. W. WETMORE,
E. CAMPHAUSEN.