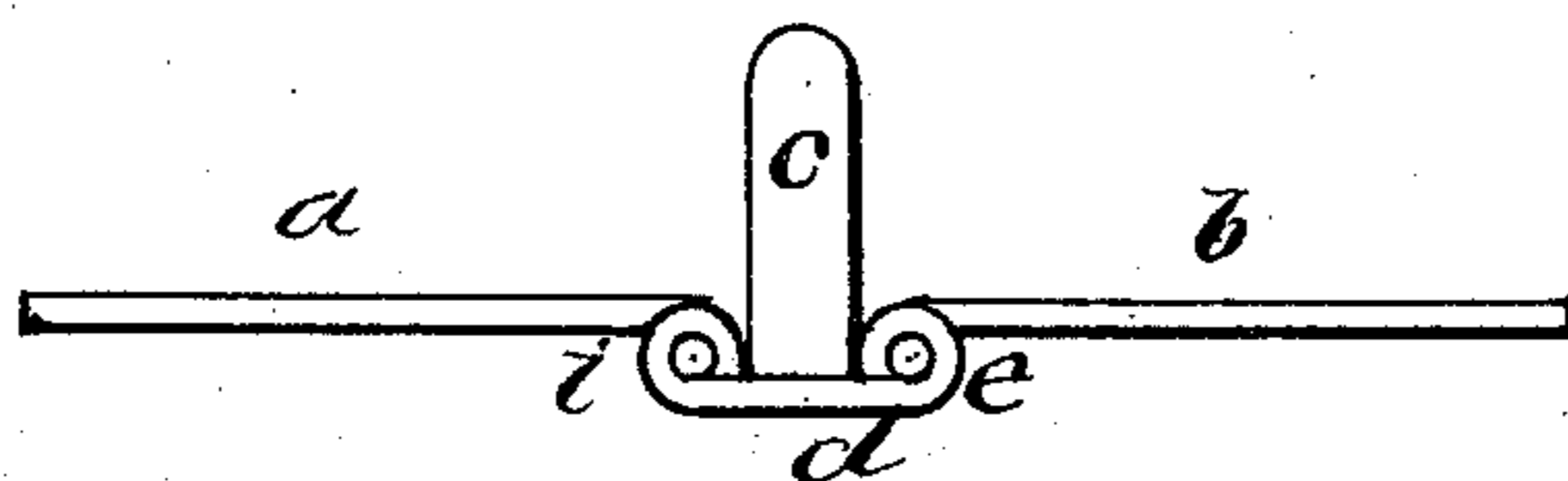


T. Q. HALL.  
HINGES FOR BEDS.

No. 177,711.

Patented May 23, 1876.

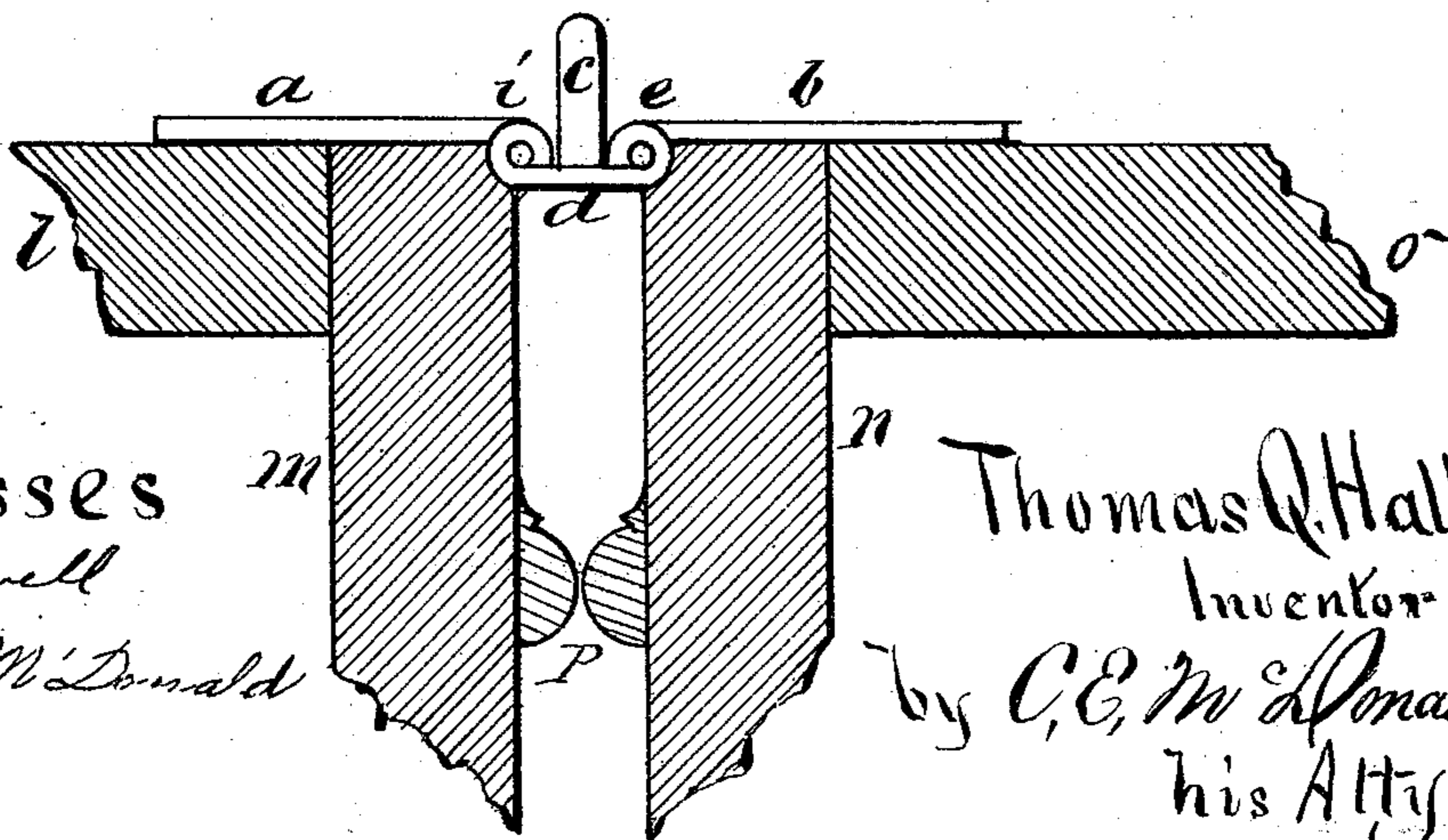
*Fig. 1*



*Fig. 2*



*Fig. 3*



Witnesses  
N. Powell  
J. M. McDonald

Thomas Q. Hall  
Inventor  
by C. E. McDonald  
his Atty.

# UNITED STATES PATENT OFFICE.

THOMAS Q. HALL, OF INDIANAPOLIS, INDIANA.

## IMPROVEMENT IN HINGES FOR BEDS.

Specification forming part of Letters Patent No. 177,711, dated May 23, 1876; application filed January 3, 1876.

*To all whom it may concern:*

Be it known that I, THOMAS Q. HALL, of Indianapolis, Marion county, Indiana, have invented an Improvement in Hinges for Bed-Lounges, of which the following is a specification:

The nature and object of the invention will be fully understood from the following general description and the annexed drawings.

Figure 1 is an edge view of the hinge extended; Fig. 2, the same closed; Fig. 3, the same extended on a section of a bed-lounge.

The hinge consists principally of the four pieces *a*, *b*, *c*, and *d*. *a* and *d*, which are plates of sheet metal, are joined together at *i*, in a hinge-joint, such as is shown in the drawing. *b*, which is also a plate of sheet metal, is joined to *d* in the same manner at *e*. *c* is still another plate of sheet metal, fastened to *d*, between the joints *e* and *i*, as shown in the drawing, the whole to be fastened upon a lounge, as shown in Fig. 3. When this hinge is open, on account of its double joint *e i*, it will give ample room for the moldings *p*, so that they will not mar each other.

When the lounge is closed, it will be found, first, that by reason of its peculiar construction, the part *d* of the hinge will be flush with the wood of the lounge, and so not be in the way of upholstery; second, that the plate *c*, by reason of its peculiar construction and arrangement, holds the hinge, so that the folding-leaf of the lounge is entirely steady and all weaving about and side motion prevented, forming in all a simple, cheap, and useful lounge-hinge.

I claim—

1. In a double-jointed hinge, the plate *c*, substantially as and for the purpose set forth.

2. The combination and arrangement of the plates *a*, *b*, *c*, and *d*, in a double-jointed hinge, substantially as and for the purpose set forth.

In testimony that I claim the foregoing specification I have hereunto set my hand this 24th day of December, 1875.

THOMAS Q. HALL.

Attest:

N. POWELL,  
F. M. McDONALD.