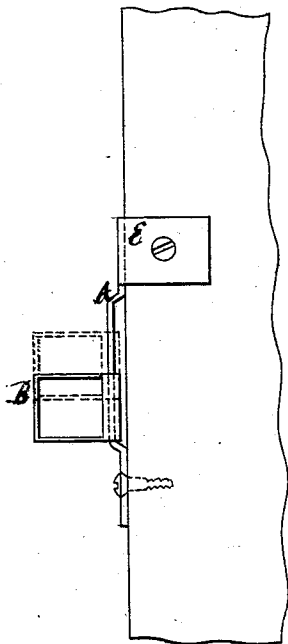


JOHN M. MITCHELL,  
Improvement in Keepers for Bolts.

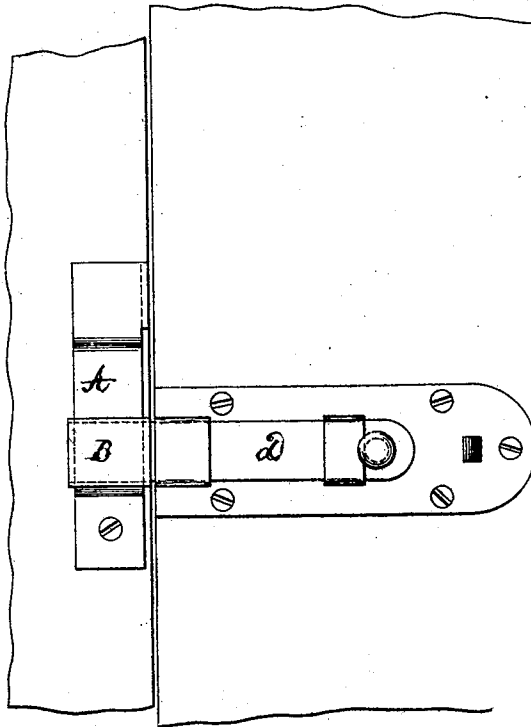
No. 114,841.

Patented May 16, 1871.

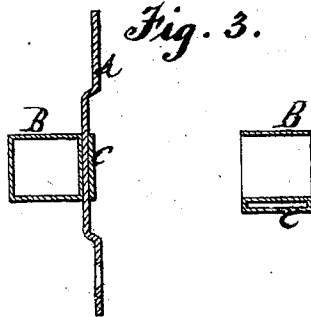
*Fig. 2.*



*Fig. 1.*



*Fig. 3.*



*Witnesses.*

*Wm. J. Allen*  
*J. F. Bright*  
"

*Inventor.*

*John M. Mitchell*

# United States Patent Office.

JOHN M. MITCHELL, OF CINCINNATI, OHIO.

Letters Patent No. 114,841, dated May 16, 1871.

## IMPROVEMENT IN KEEPERS FOR BOLTS.

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

Be it known that I, JOHN M. MITCHELL, of Cincinnati, in the county of Hamilton and State of Ohio, have invented and improved an Adjustable Bolt-socket, of which the following is a description, which will enable a person skilled in the art to manufacture and use the same, reference being had to the accompanying drawing making a part of this specification, in which—

Figure 1 represents a front view of my improvement attached to a door-jamb.

Figure 2 is a side view.

Figure 3 represents the socket and mode of attachment to the holder.

The object of my improvement is to provide a bolt-socket that may be readily adjusted to the bolt of a door which, from any cause, shall sag or be moved from its proper position in a vertical direction so as to render it difficult to fit the bolt into the socket; and

The invention consists in so attaching a sliding socket to a holder which is attached to the door-jamb as to enable it to be moved either up or down, and adjusted to any varying position of the door. Virtually the invention is designed more especially to be applied to doors on steam-boats, although it is equally applicable to any door which is liable to sag, or in any way change its position so that the bolt will not exactly fit its socket.

It is well known that in heavily-laden steam-boats the various parts of the structure are liable to be so strained as to materially affect the normal position of the doors in the different parts of the vessel, so that

the bolts on the doors, or in the locks attached thereto, will fail to fit in the sockets which are rigidly attached to the door-jamb in the usual manner.

By the use of my device the difficulty is readily overcome, and the socket is so arranged as to be easily adjusted to the varying position of the bolt upon the door.

In the drawing—

B represents the socket which represents the end of the sliding bolt D. This socket is constructed with a slot, C, fig. 3, and fitted to slide freely on the holder A. This holder is formed of a thin strip of metal which may be readily attached to the jamb of a right or left-handed door, and struck up in its central position so as to allow the socket B to slide freely on the same when secured to the door.

The device is easily and cheaply made, and may be readily applied to any door-jamb having a bolt or lock already in use, and may be so used or adjusted as to overcome any warp or change of the usual or natural position of a door which may be occasioned by any dislocation or spring in the hinges, or shrinkage thereof.

I claim as my invention—

The bolt-socket or keeper B, sliding freely upon the holder A, which is secured to the door-casing, all arranged as and for the purpose set forth.

JOHN M. MITCHELL.

Witnesses:

J. J. BRIGHT,  
JOS. T. K. PLANT.