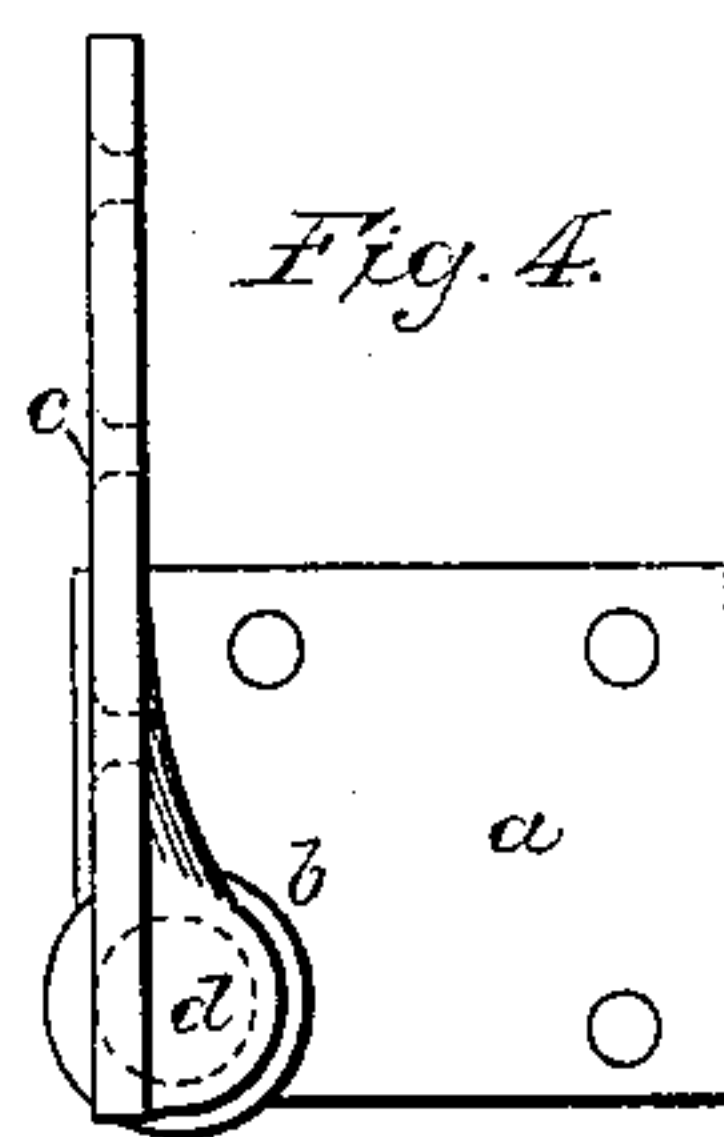
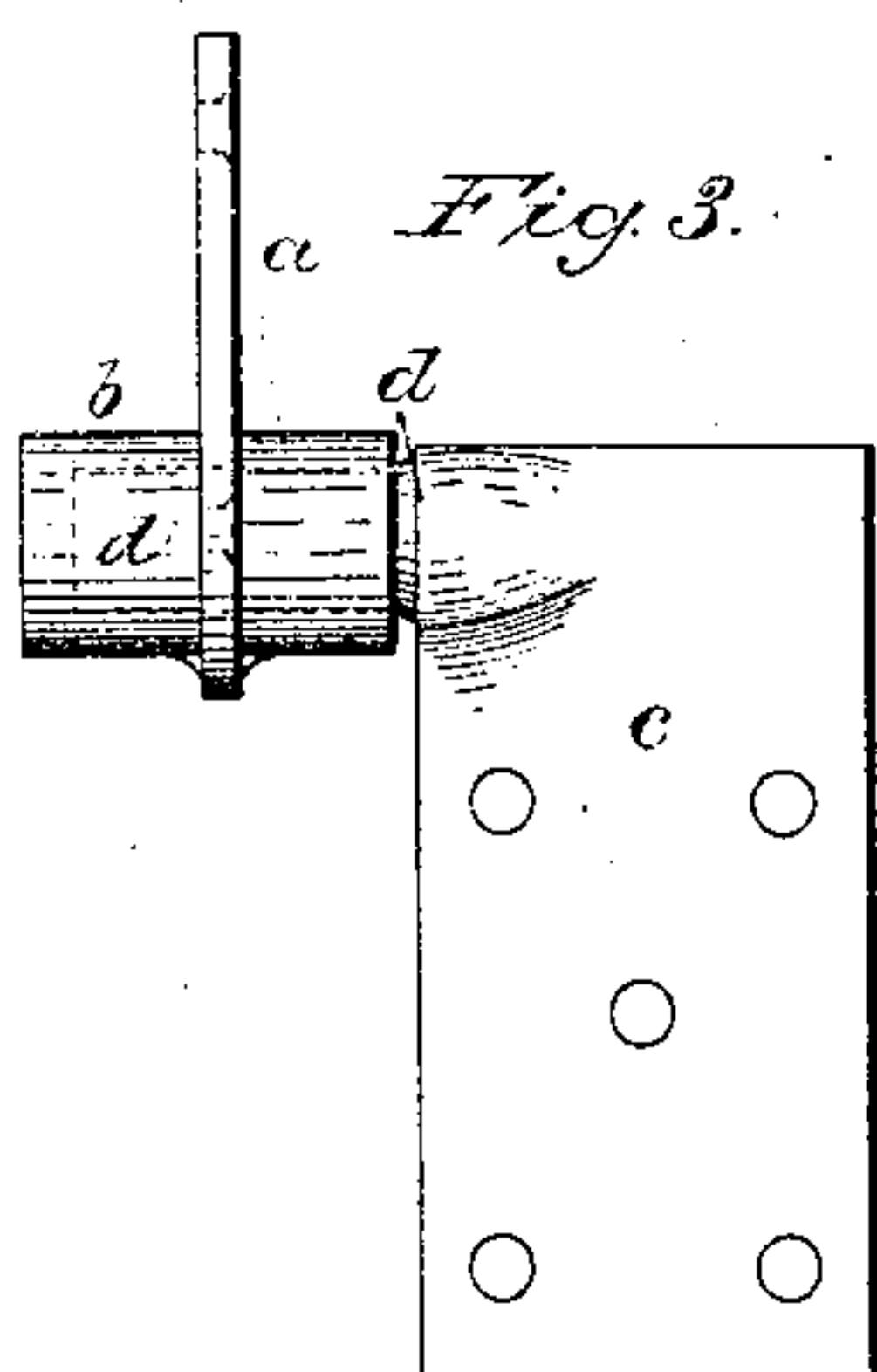
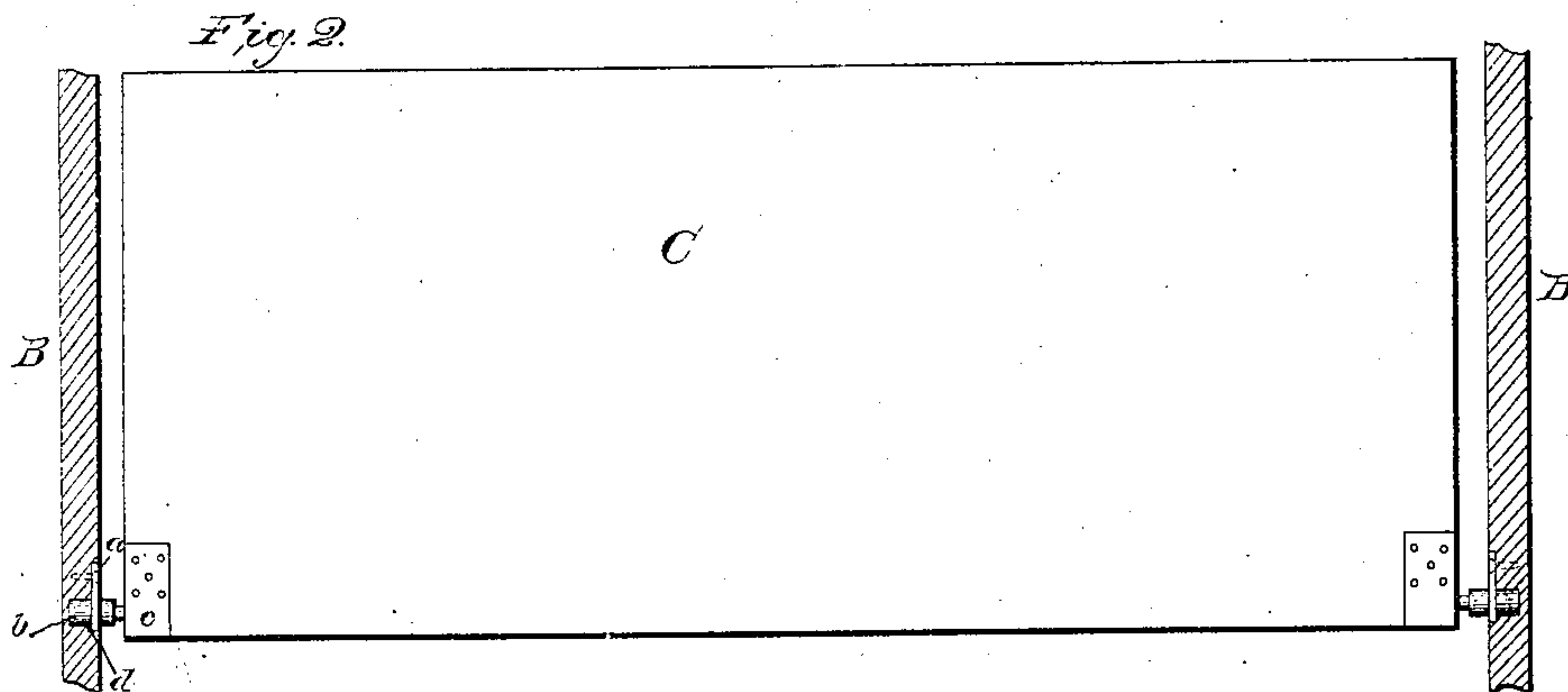
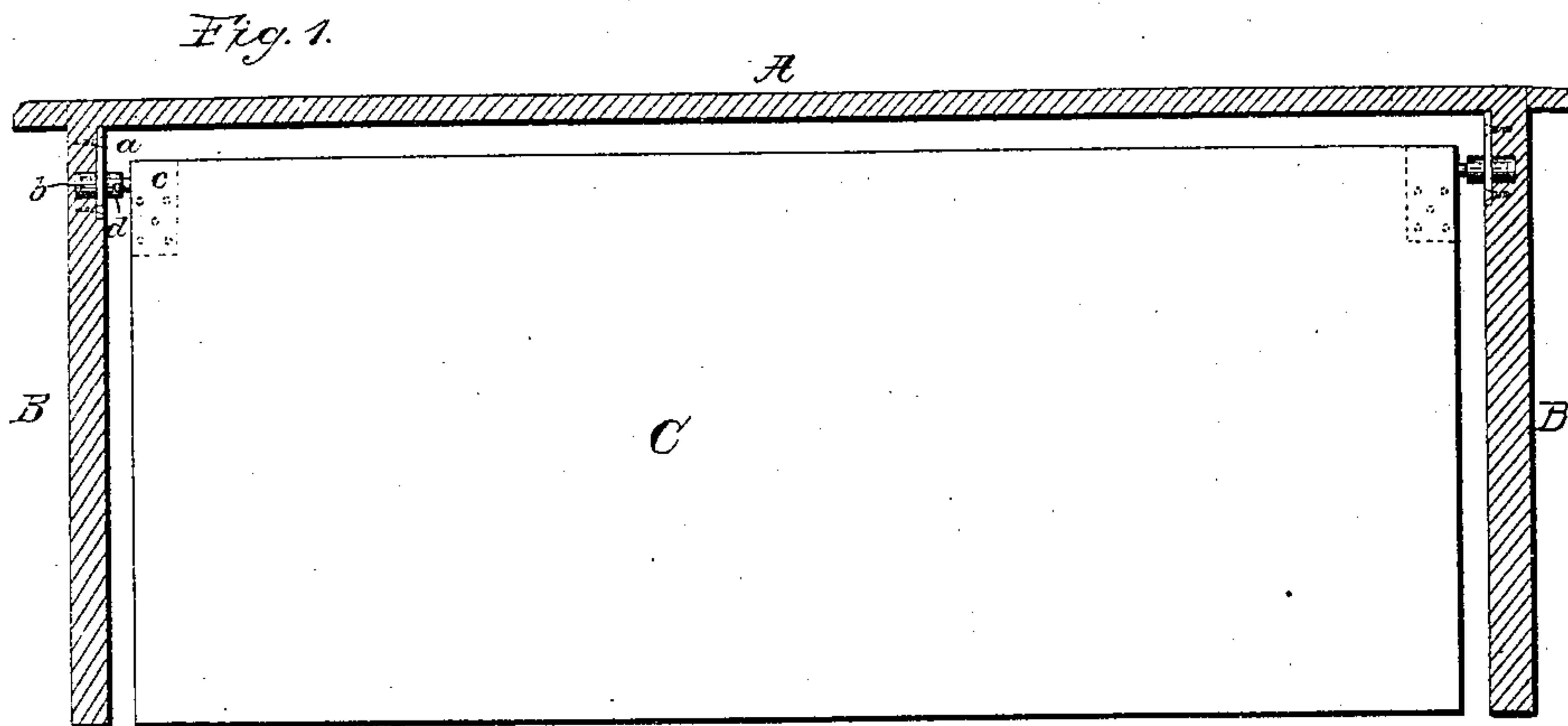


J. I. FOGG.

Hinge for Hanging Sleeping Car Berths.

No. 76,620.

Patented April 14, 1868.



Witnesses.
W. S. Mang.
L. L. Cushman.

Inventor.
J. I. Fogg.

United States Patent Office.

JEDEDIAH I. FOGG, OF CHICAGO, ILLINOIS.

Letters Patent No. 76,620, dated April 14, 1868.

IMPROVEMENT IN HINGES FOR SLEEPING-CAR BERTHS.

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

TO ALL WHOM IT MAY CONCERN:

Be it known that I, JEDEDIAH I. FOGG, of the city of Chicago, in the county of Cook, and State of Illinois, have invented a new and useful Improvement in Hanging Sleeping-Car Berths; and I do hereby declare and make known that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and the letters and figures marked thereon, which form part of this specification.

My said invention consists in a hinge of novel construction, whereby sleeping-car berths can be securely and conveniently attached to the car, in such a manner as to be readily let down into a horizontal position for use, or to be as readily folded up against the wall or side of the car, out of the way, as desired.

My invention further consists in hinging sleeping-car berths to the partitions between the contiguous compartments, instead of to the sides of the car, substantially as hereinafter specified, while, at the same time, the berths fold up against the sides of the car, and are let down into position for use, as before described.

To enable those skilled in the art to make and use my invention, I will proceed to describe its construction and operation with particularity, making reference, in so doing, to the aforesaid drawings, in which—

Figure 1 represents a plan view of one section of a sleeping-car, showing the berth in position for use, and my invention applied thereto.

Figure 2 is a side view of one of said sections, showing the berth turned up against the side of the car.

Figure 3 is a detached view of my said hinge, represented in the same position as in fig. 1; and

Figure 4 is an end view of said hinge, represented as seen in fig. 2.

Similar letters of reference in the different figures denote the same parts of my invention.

A represents the side of the car, and B B the partitions between one section of the car and the adjoining sections separating it therefrom.

C represents the berth, the upper side being shown in fig. 1, and the lower side in fig. 2.

In the said partitions B B, between the different sections of the car, are constructed suitable recesses or sockets to receive the metallic boxes *b b*, entering said sockets, and being firmly secured therein, by means of screws passing through a flange, *a*, upon said boxes, and into the partitions B B, as shown, or in any other suitable manner, thus securing the said boxes *b b* to the said partitions B B, in a manner to afford the requisite strength and permanency in supporting the berths, as hereinafter set forth.

Upon each end of the berths, near that edge thereof which lies adjacent to the side of the car, when in the position shown in fig. 1, are secured upon the under side of the berth by screws, as shown, or in any other suitable manner, the metallic plates *c c*, which are provided with pins, lugs, projections, or their equivalent, marked *d*, which enter the boxes *b b*, as shown, turning freely in said boxes, when the berth is turned up or down, as desired.

The said journals or pivots *d d* may be secured to the ends of the berth, so as to enter said journal-boxes, *b b*, in any other strong and permanent manner.

By the above-described arrangement of the hinge, it will readily be seen that the berth is hinged in a strong and permanent manner to the partitions between the sections, instead of to the side of the car, as in the ordinary mode, and in such a manner as to allow the requisite movement to the berth in arranging it for use, or in turning it up against the side of the car, out of the way, when not in use.

By this arrangement, the hinge can be made much stronger and more durable, and much less liable to get out of order than hinges of the ordinary construction, as applied to sleeping-car berths.

When the berth is turned down for use, its front edge may be supported in the required position by any suitable rest or support.

Having fully described the construction and operation of my invention, I will now specify what I claim, and desire to secure by Letters Patent.

I claim the combination of the boxes *b*, and the spindles *d*, when arranged, with respect to the partitions B and berths C, so as to operate substantially as and for the purposes specified.

J. I. FOGG.

Witnesses:

W. E. MARRS,

L. L. COBURN.