

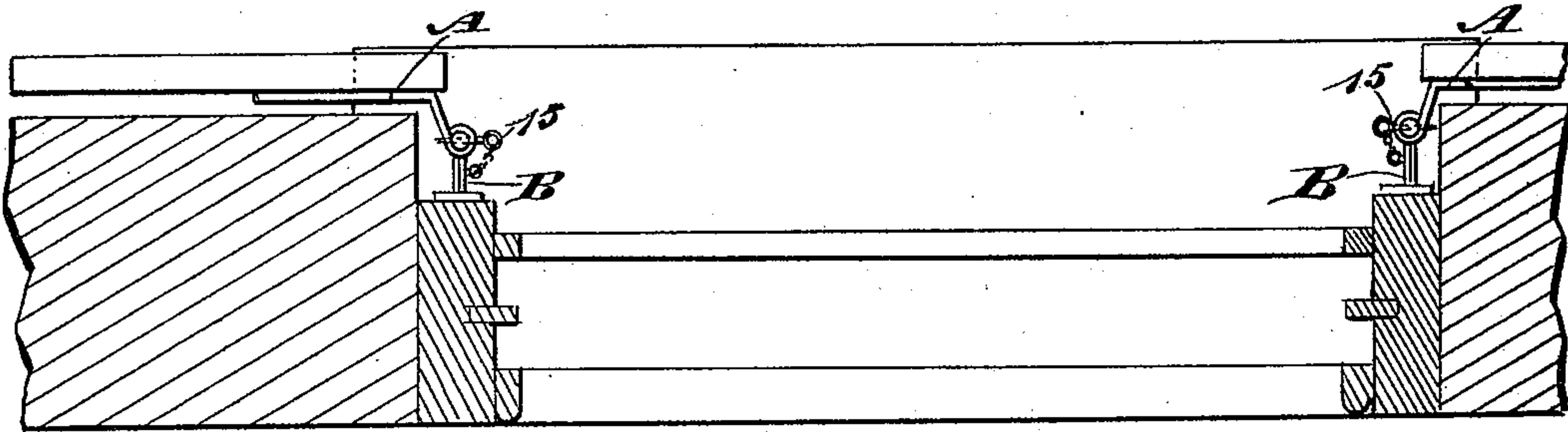
(No Model.)

J. W. DEARING.  
LOCK HINGE.

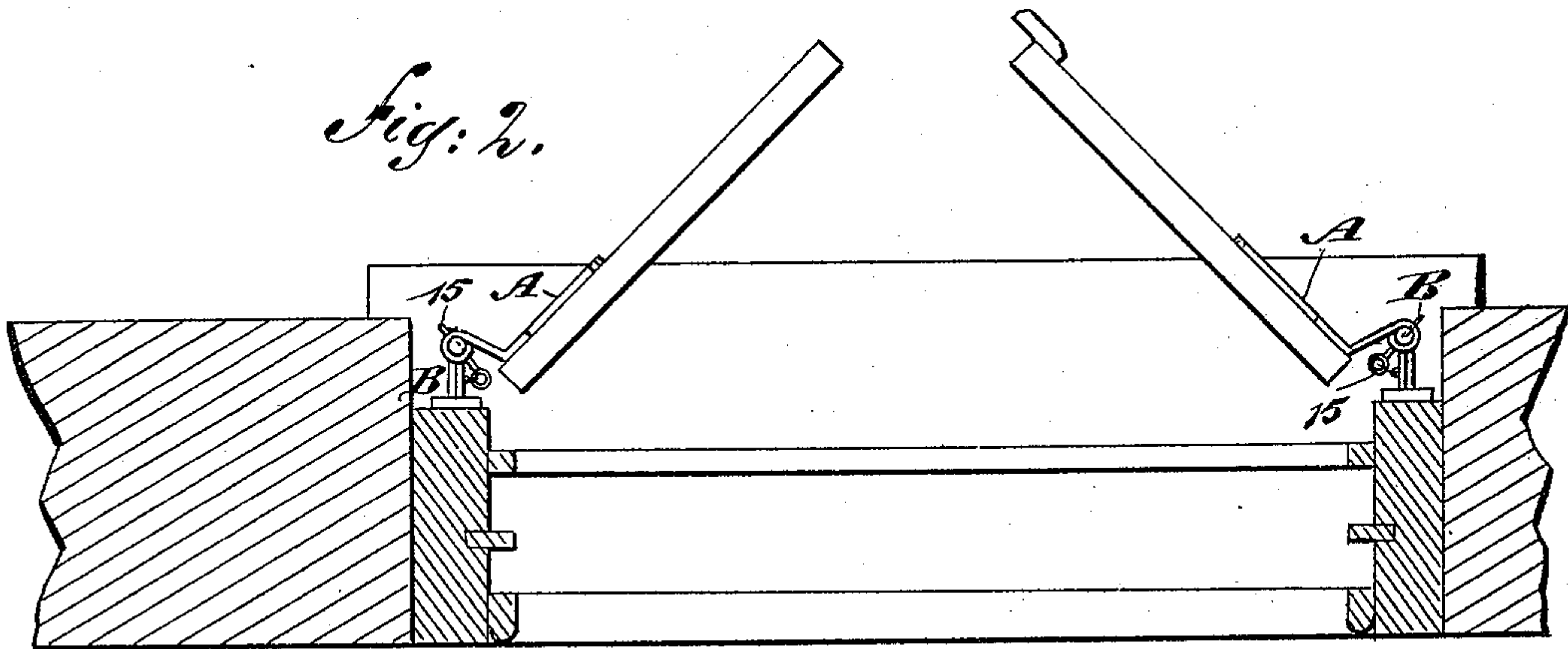
No. 485,460.

Patented Nov. 1, 1892.

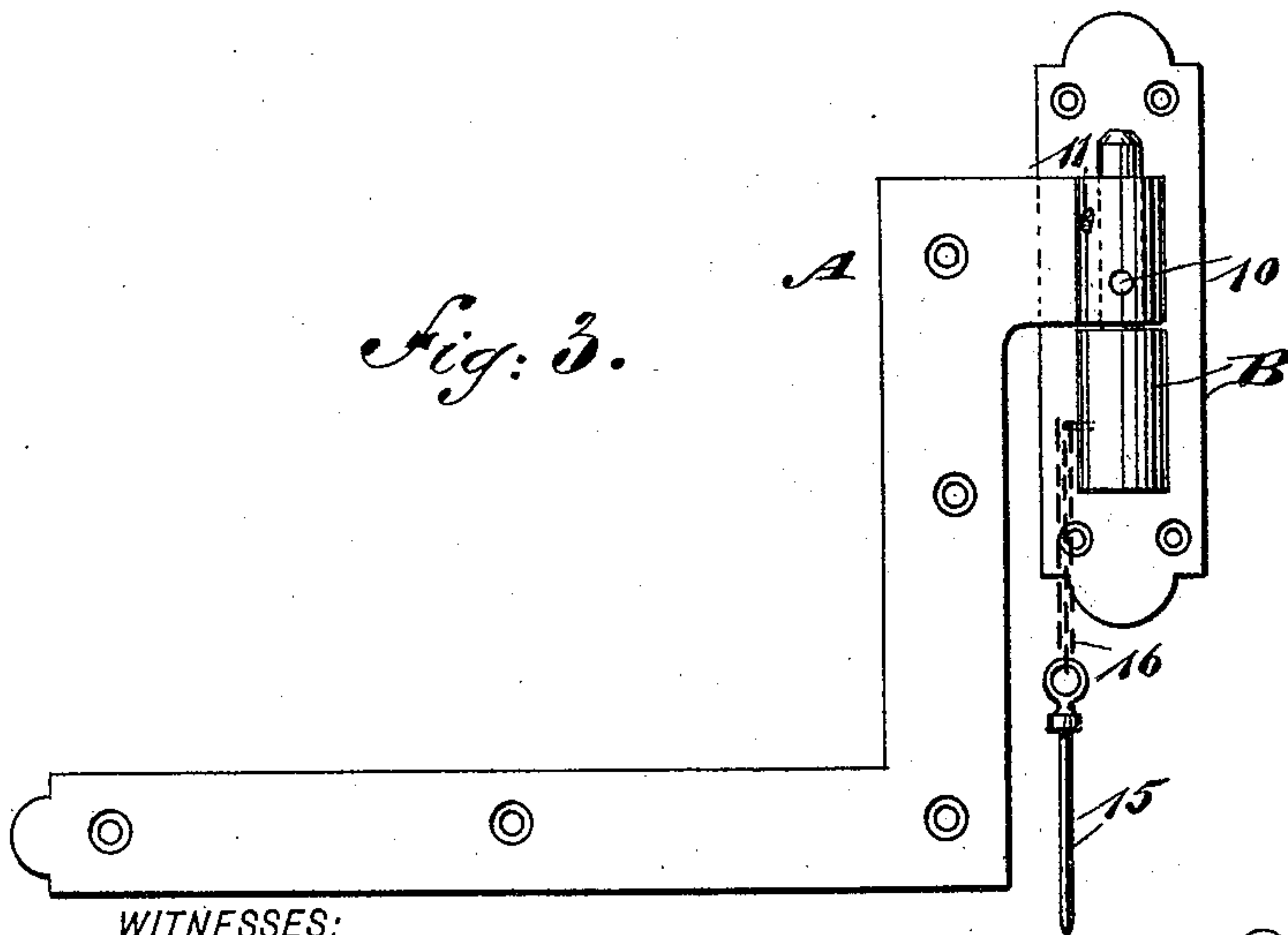
*Fig: 1.*



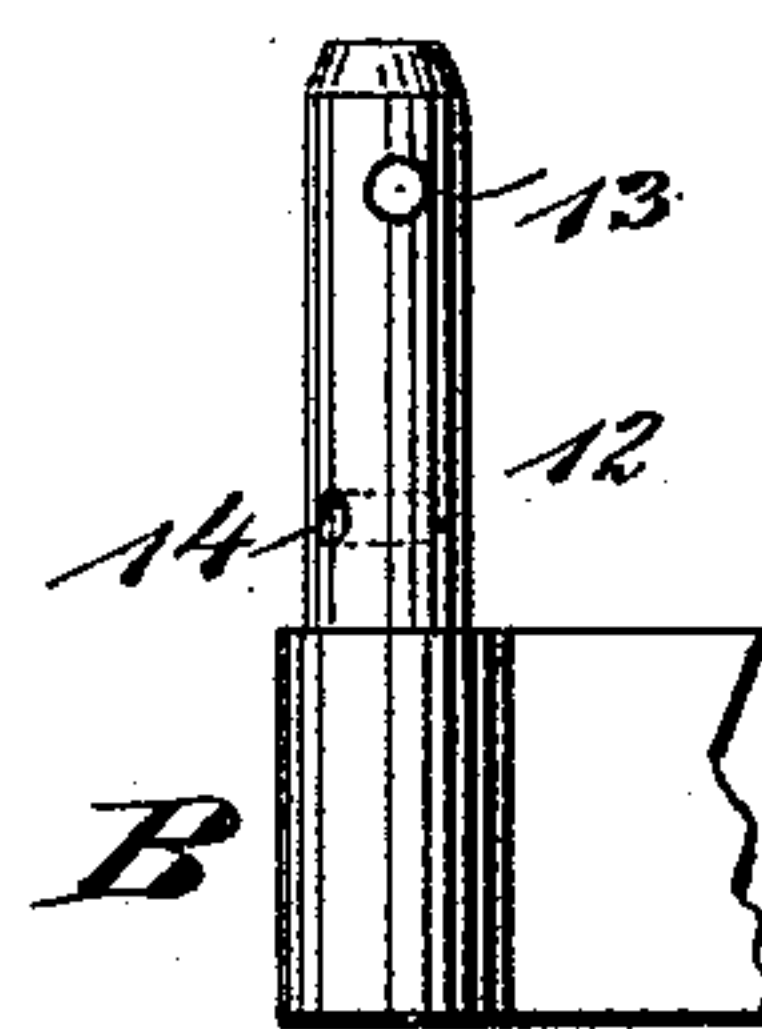
*Fig: 2.*



*Fig: 3.*



*Fig: 4.*



WITNESSES:

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# UNITED STATES PATENT OFFICE.

JAMES WM. DEARING, OF BROOKLYN, NEW YORK.

## LOCK-HINGE.

SPECIFICATION forming part of Letters Patent No. 485,460, dated November 1, 1892.

Application filed June 29, 1892. Serial No. 438,374. (No model.)

*To all whom it may concern:*

Be it known that I, JAMES WM. DEARING, of Brooklyn, in the county of Kings and State of New York, have invented a new and Improved Lock for Hinges, of which the following is a full, clear, and exact description.

My invention relates to a lock for hinges, and especially to a lock for shutter-hinges, and has for its object to construct a hinge in such manner that a pin may be employed to hold the shutter to which the hinge is attached either in a fully-open or in an intermediate or bowed position, as may be required, and to so form the hinge that the attachment made thereto will not weaken the hinge or in any manner detract from its merits, and to so locate the locking device that it may be conveniently manipulated from the window.

The invention consists in the novel construction and combination of the several parts, as will be hereinafter fully set forth, and pointed out in the claim.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar figures and letters of reference indicate corresponding parts in all the views.

Figure 1 is a horizontal section through a window-frame, illustrating the shutters connected to the frame by the improved hinge and also illustrating the shutters locked in their outer or fully-open position. Fig. 2 is a horizontal section through the window-frame, illustrating the shutters held in a bowed position by the improved hinge and its locking device. Fig. 3 is a detail front elevation of the improved hinge, and Fig. 4 is a detail side elevation of the pintle-section thereof.

The hinge consists of two sections—a knuckle-section A and a pintle-section B. The knuckle of the hinge is provided with two apertures or openings 10 and 11, which extend through the knuckle from side to side, and these apertures are located one above the other. The apertures or openings are so located that the aperture 10, for example, will be produced in the central portion of the front side of the knuckle, while the upper aperture 11 is immediately at one side of the side portion, as best shown in Fig. 3. The

pintle 12 of the pintle-section of the hinge is likewise provided with two apertures or openings, (designated as 13 and 14,) and these apertures or openings extend through the pintle from side to side. The apertures in the pintle sustain the same relation to each other as the apertures or openings in the knuckle-section of the hinge.

In connection with the hinge a pin 15 is employed, capable of being passed through the apertures or openings in the pintle-section of the hinge and likewise through the apertures or openings in the knuckle-section thereof. This pin may be attached to the frame of the window or to the wall outside of the frame, if in practice it is found desirable; but preferably the pin 15 is secured by a length of chain 16 to the lower portion of the pintle-section of the hinge, as shown in Fig. 3.

When the hinges have been attached to the window-frame and to the shutters, for instance, as shown in Figs. 1 and 2, and the shutters have been opened out to their farthest extent, the pins are passed through the apertures 10 and 14 in the hinges and the shutters will be maintained in their outer position, as the sections of the hinges cannot be moved, since the knuckle-sections of the hinges cannot be turned upon the pintle-sections.

In Fig. 2 I have illustrated the shutters as in a bowed position or partially closed, and they may be held in this position by passing the pins through the apertures 11 and 13 of the hinges.

It will thus be observed that the hinge is not only simple, but that it is also strong and need not differ in form from the hinges ordinarily employed for hanging shutters, and the locking attachment to the hinge may not only be conveniently made, but it may be readily and expeditiously manipulated, and by the use of this fastening device the latches usually employed for locking the window-shutters in their fully-open position may be discarded, as they are not needed.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

A lock-hinge comprising a leaf provided

with a pintle having upper and lower trans-  
verse apertures 13 14, extending at an angle  
to each other, a leaf provided with a knuckle,  
exposed upper and lower apertures 11 10 at  
5 an angle to each other to register with the re-  
spective pintle-apertures, and a pin 15, sepa-  
rate and independent from the hinge and

adapted to be passed into either pair of reg-  
istering apertures and through the pintle and  
knuckle, substantially as set forth.

JAMES WM. DEARING.

Witnesses:

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E. M. CLARK.