

No. 607,567.

Patented July 19, 1898.

W. JORDAN.
BOARD CLAMP.

(Application filed May 7, 1896.)

(No Model.)

Fig. 1.

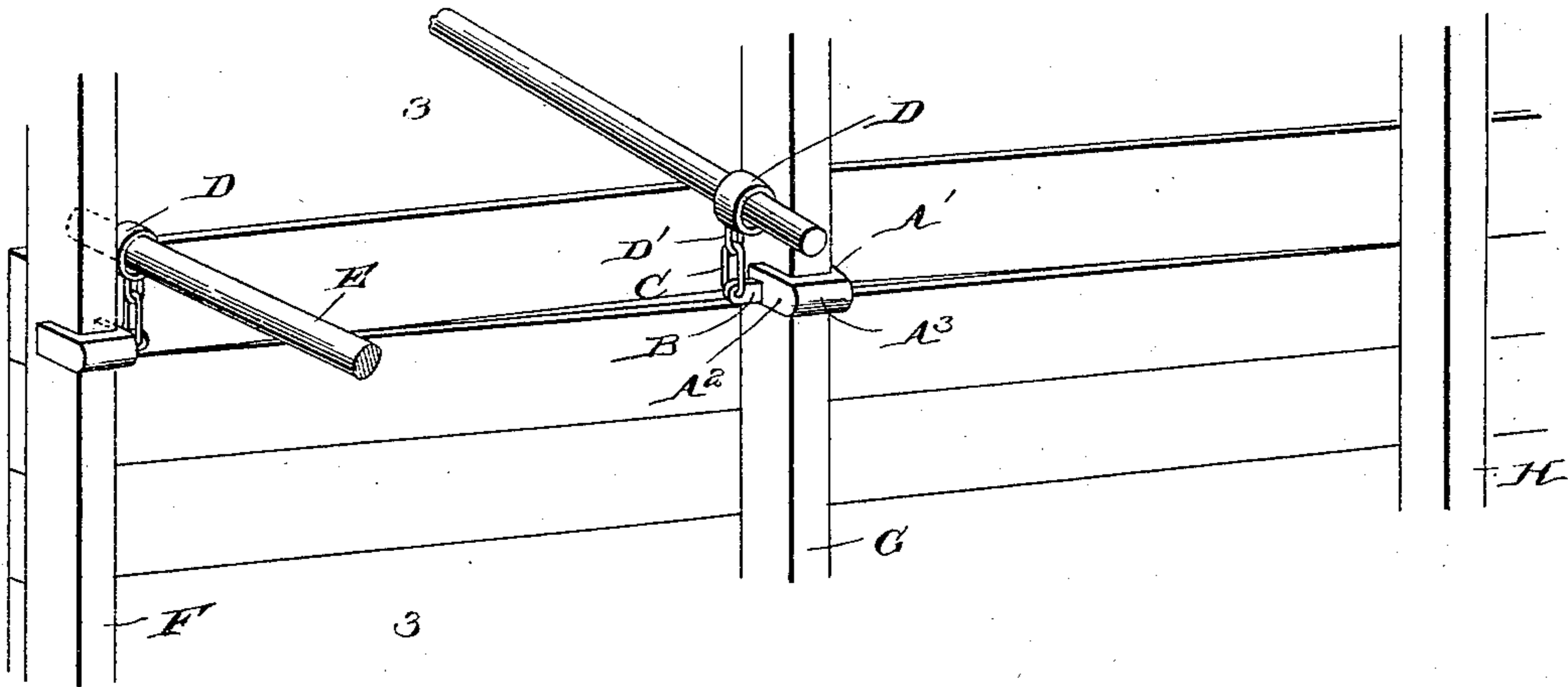


Fig. 2.

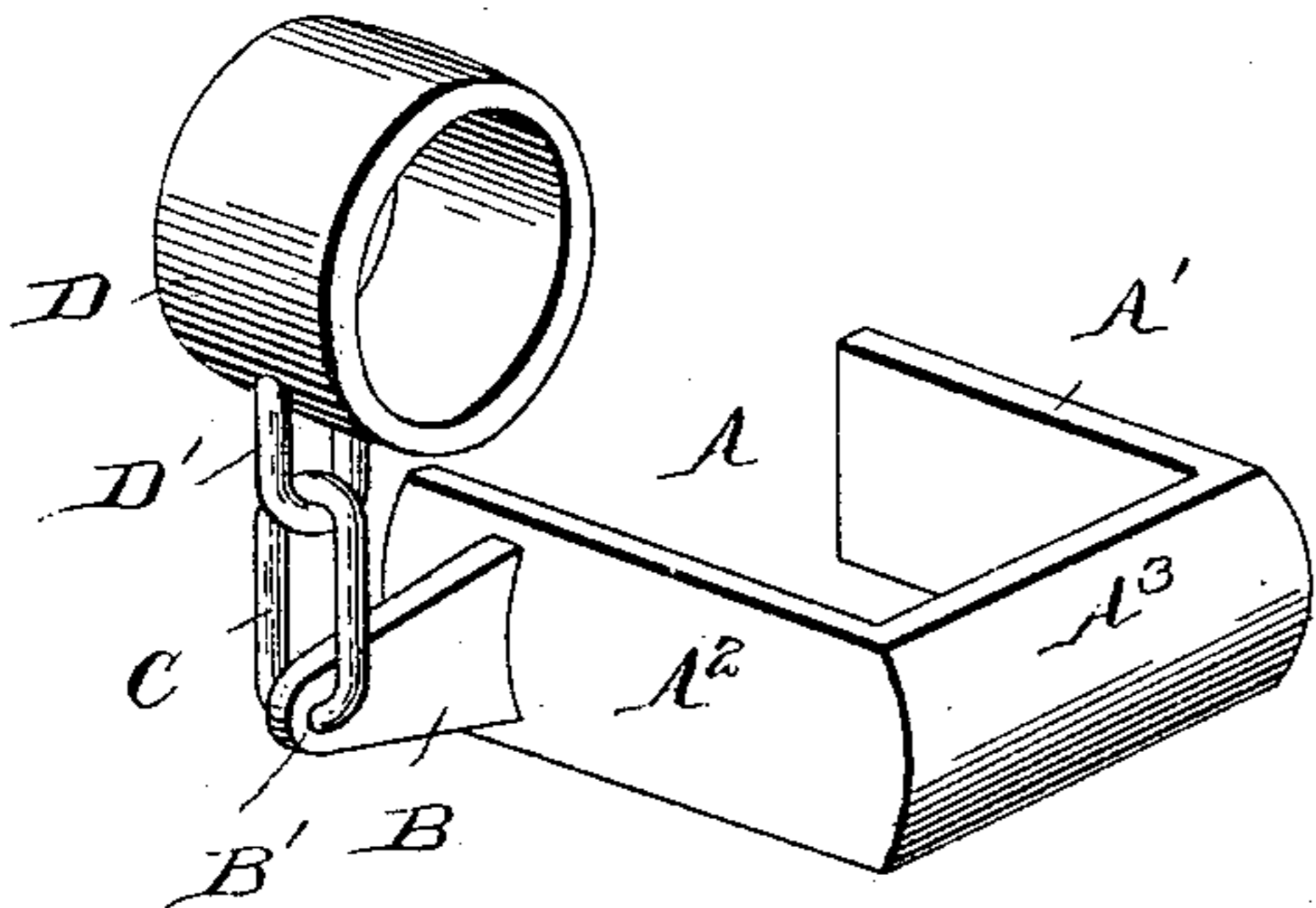
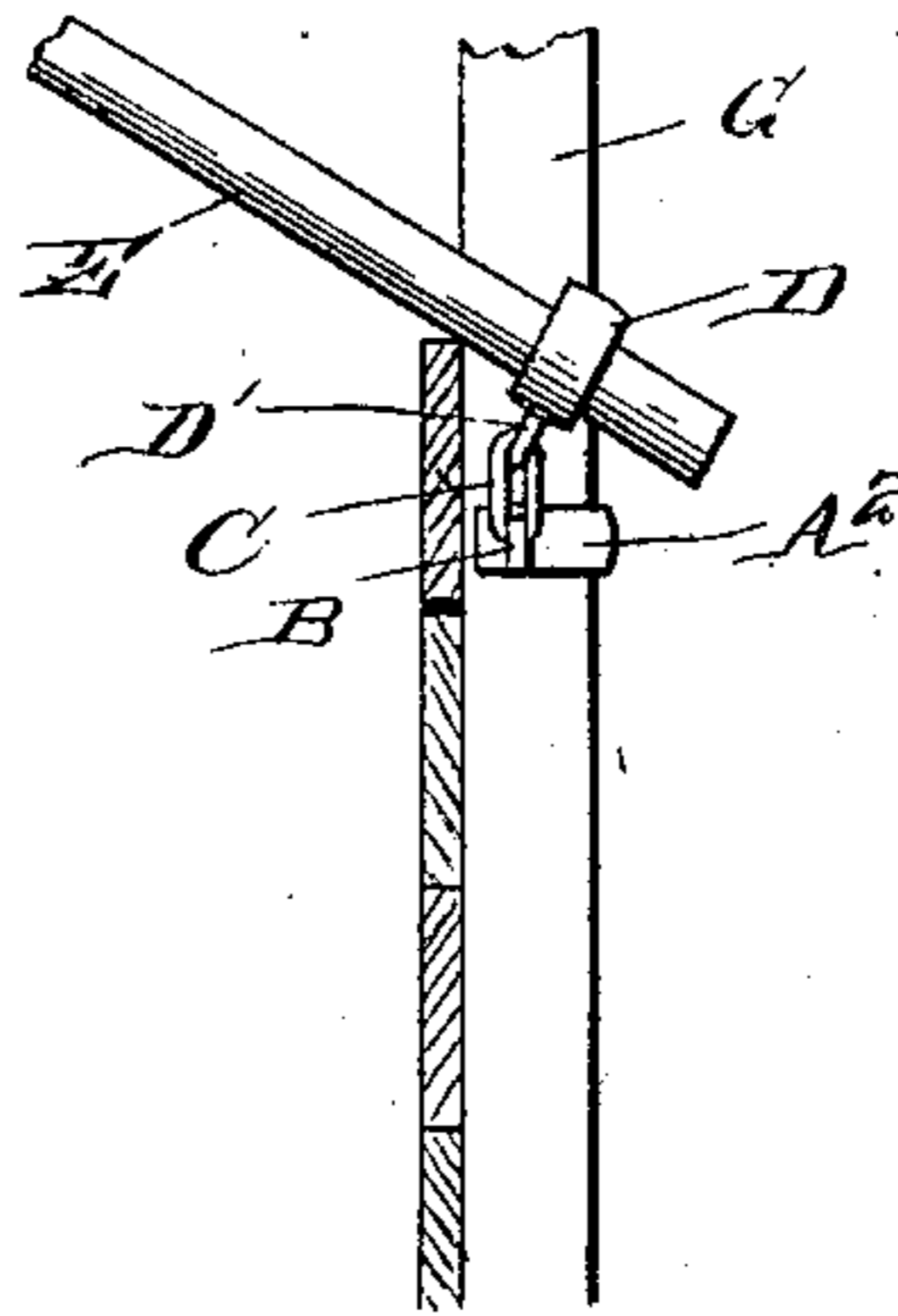


Fig. 3.



Witnesses

J. Shaw
Chas. E. Brock

Inventor

Wallace Jordan,
by Charles E. Brock
Attorney

UNITED STATES PATENT OFFICE.

WALLACE JORDAN, OF EMERALD, WISCONSIN, ASSIGNOR OF ONE-HALF TO
S. E. LINDIFIELD, OF SAME PLACE.

BOARD-CLAMP.

SPECIFICATION forming part of Letters Patent No. 607,567, dated July 19, 1898.

Application filed May 7, 1896. Serial No. 590,575. (No model.)

To all whom it may concern:

Be it known that I, WALLACE JORDAN, residing at Emerald, in the county of St. Croix and State of Wisconsin, have invented a new and useful Board-Clamp, of which the following is a specification.

This invention is an improved device for use in straightening boards prior to nailing them to studding or posts.

It is a common thing for boards to warp or bend between the ends, and when said boards are used it is necessary to either saw the board into pieces or employ a clamp to straighten it. The clamps for this purpose are expensive and require considerable time to operate them.

The object of my invention is to provide a reversible clamp which can be quickly and easily applied to studding or posts on either side and operated to force the board to a straight line prior to nailing, said clamp being simple and cheap in construction, small enough to be carried in the tool-chest, and easily operated by unskilled laborers, obviating the expense of a skilled mechanic to operate it.

Another object is to provide a clamp which can be operated with one hand while the other is used for nailing, and which will entirely avoid the necessity of providing screws or bolts for adjusting it.

With these objects in view my invention consists in the peculiar construction of the various parts and in their novel combination and arrangement, all of which will be fully described hereinafter and pointed out in the claim.

In the drawings forming a part of this specification, Figure 1 is a perspective view illustrating the invention in use, showing how it may be applied for use on either side of a post. Fig. 2 is a detail perspective view of the clamp detached, with the handle removed. Fig. 3 is a sectional view on the line 3 3 of Fig. 1, looking in the direction of the arrow.

In carrying out my invention I employ a gripping member A, which is made in the form of three sides of an open square or rectangle and comprises the sides A' A² and back A³, said sides and back having considerable depth and thickness in order to secure a firm grip and strengthen the member. The side A² is made somewhat longer than the side A' and has an arm B projecting laterally therefrom

at a right angle, the end of said arm having a hole B', in which is fixed a link C, which connects the arm B with a ring or ferrule D, said ring or ferrule having an eye D', to which the link is attached.

Now in operation the grip member A is placed upon the rear edge of either of the studs or posts F, G, or H and a lever E placed in the ring or ferrule D. The lever is then placed across the top edge of the board to be straightened and pressure applied to the outer end, and as the grip A is arranged below the top edge of said board it is clear that said board will be brought straight with the other boards, as the member A grips the stud or post tightly, and thereby prevents the rear end of the lever from rising. After the board has been straightened at one stud or post it can be instantly detached and placed upon another, if so desired.

It will be readily apparent that the clamp may be engaged on the post to bring the ring D on either side thereof, as shown in Fig. 1, the clamp on post F being arranged to bring the ring D on the right-hand side and that on post G to bring the ring on the left-hand side. It will be further obvious that the handle may be so placed in the ring as to permit of its use from either side of the fence, as illustrated in Fig. 1.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent of the United States, is—

A board-clamping device, comprising a clamping member, A, formed of the sides A' and A² and end A³, the side A² being longer than the side A' and having near its end a laterally-projecting arm provided with an aperture near its end, a ferrule, provided with an eye and adapted to receive an operating-lever, a link, loosely connecting the eye of the ferrule and laterally-projecting arm, whereby the clamping member can be reversed to bring the operating-lever on either side of the stud or post and the device used with the operating-lever parallel with or at right angles to the clamping member, substantially as shown and described.

WALLACE JORDAN.

Witnesses:

W. A. SUTHERLAND,
WILLIAM LOURIE.