

(No Model.)

H. B. SHERMAN.
BASIN CLAMP.

No. 539,197.

Patented May 14, 1895.

Fig. 1.

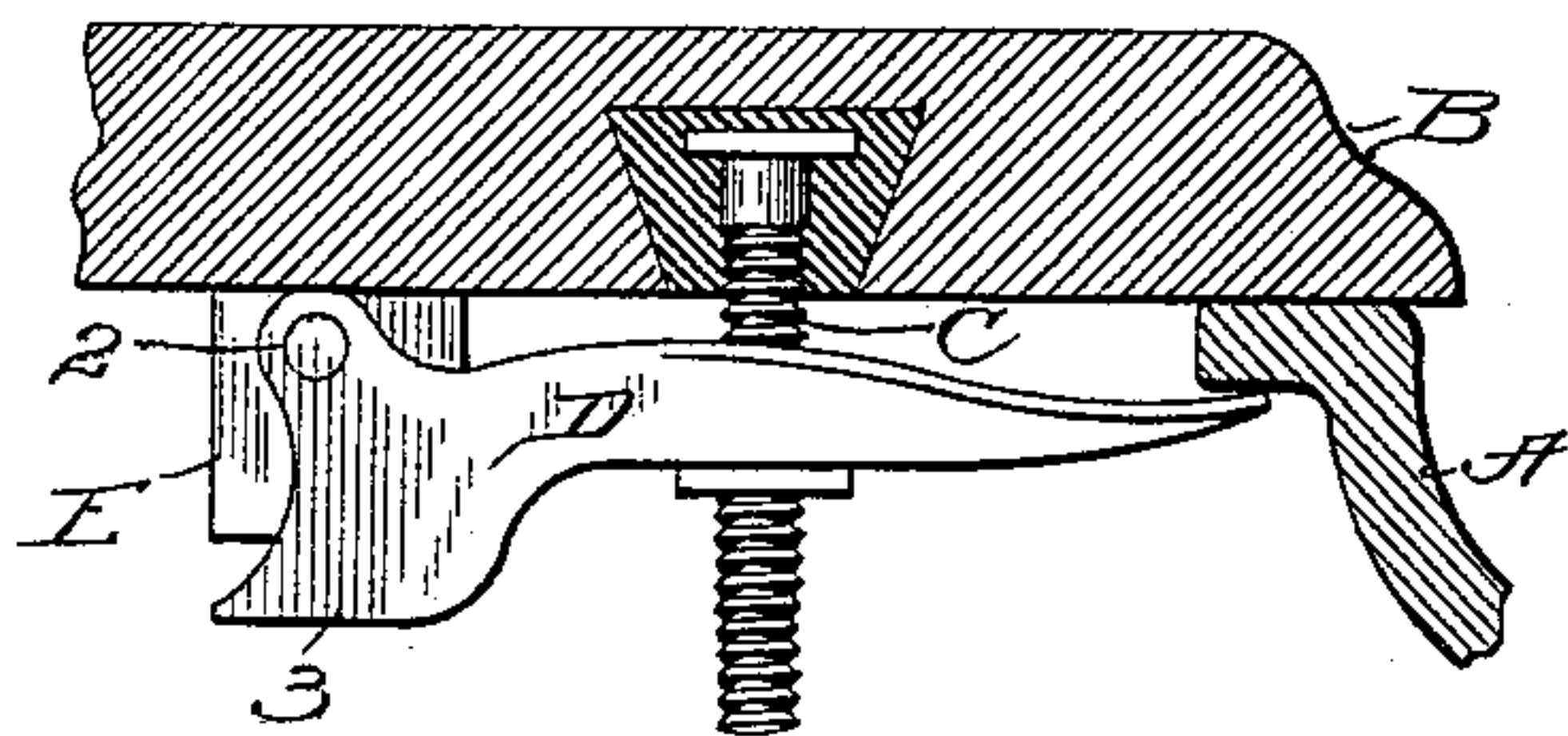


Fig. 2.

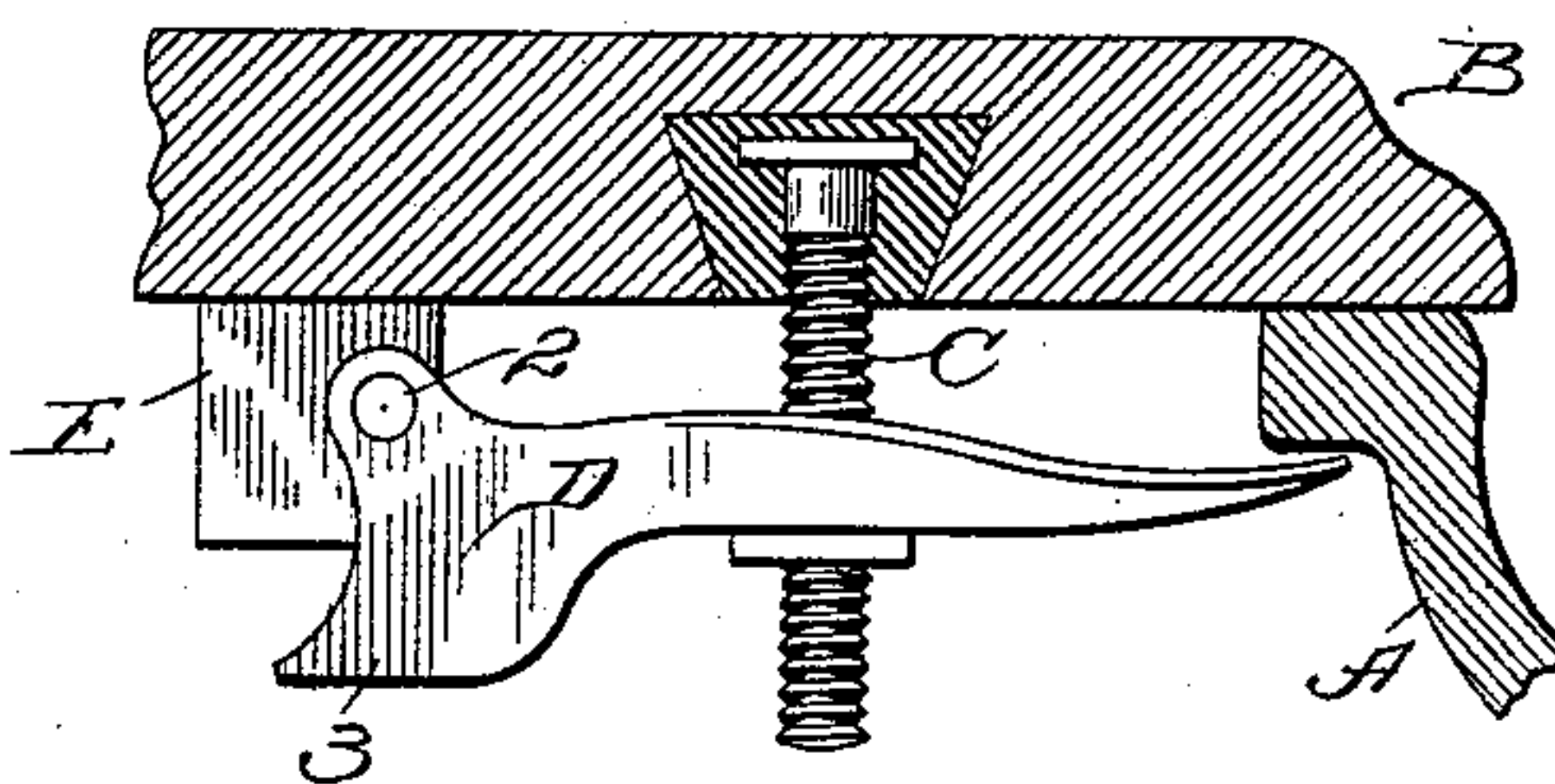


Fig. 3.

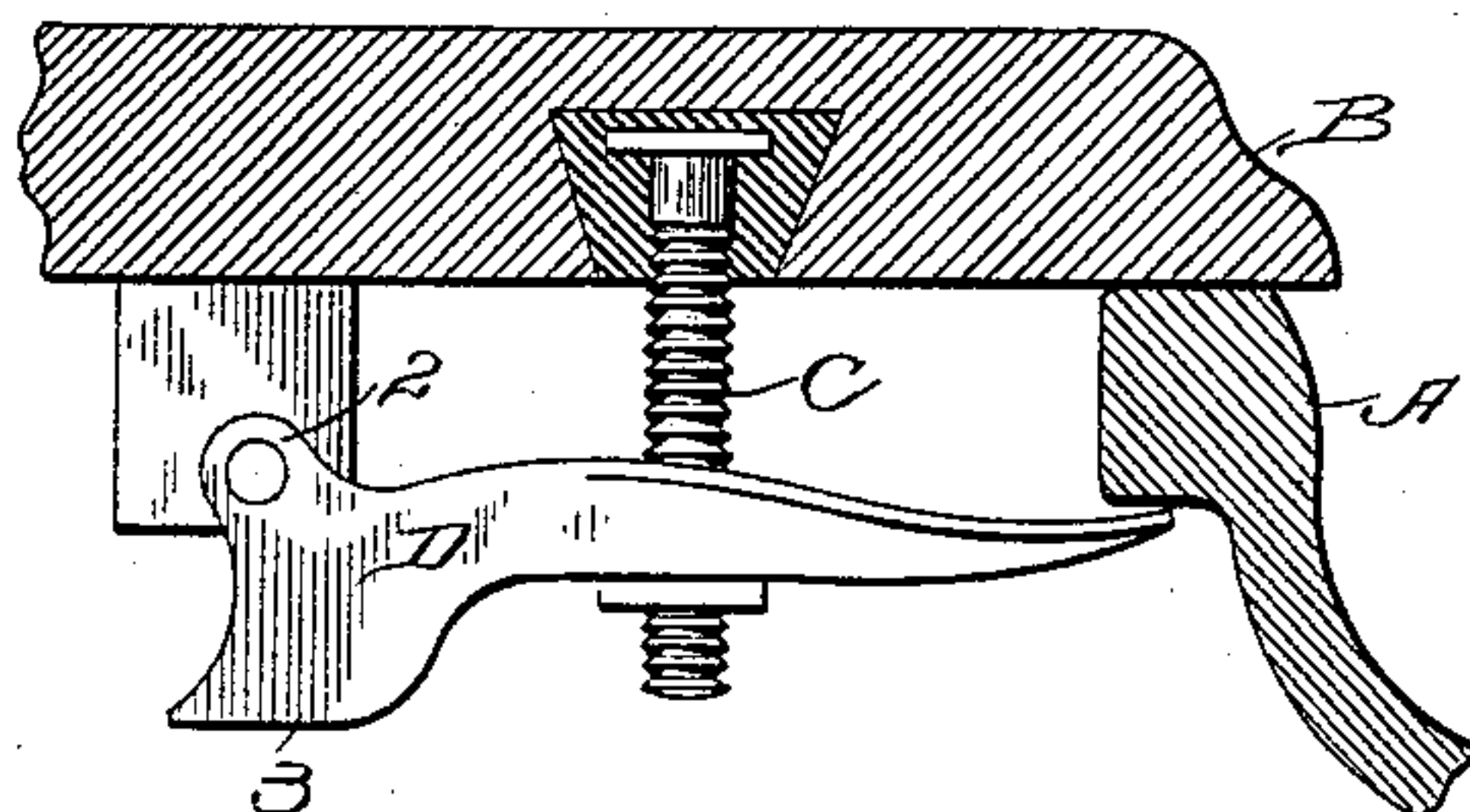


Fig. 4.

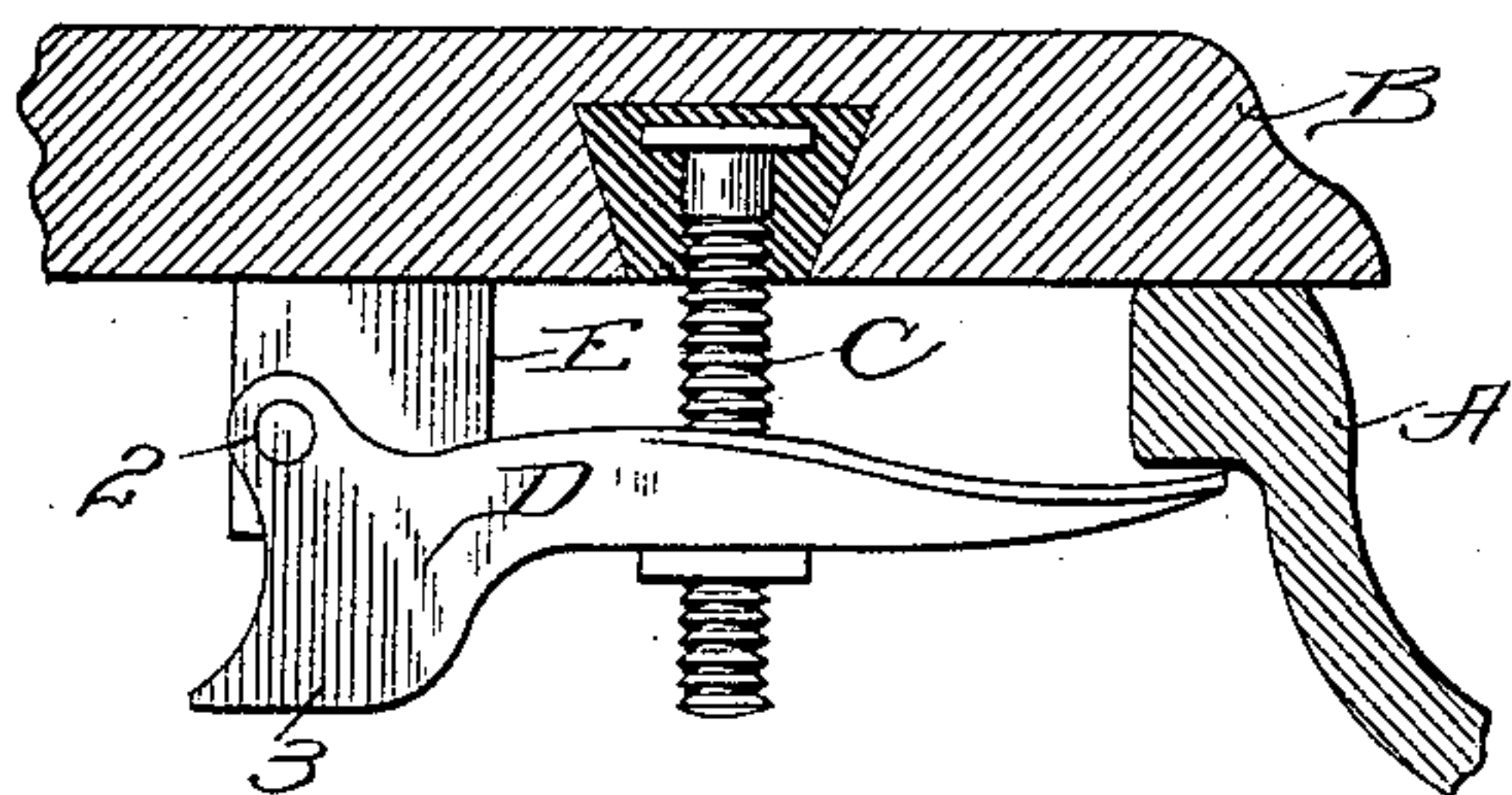
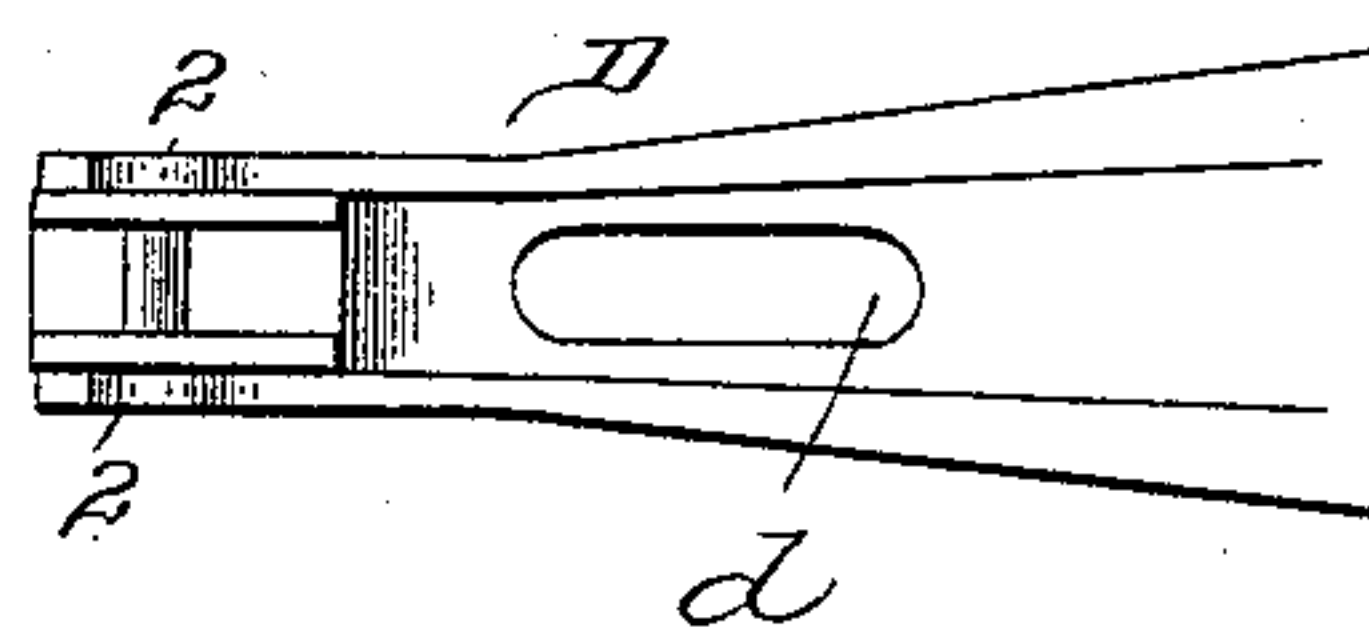


Fig. 5.



witnesses:
Harry S. Polur.
J. M. Copenhaver.

Inventor:
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UNITED STATES PATENT OFFICE.

HOWARD B. SHERMAN, OF BATTLE CREEK, MICHIGAN.

BASIN-CLAMP.

SPECIFICATION forming part of Letters Patent No. 539,197, dated May 14, 1895.

Application filed August 22, 1894. Serial No. 521,023. (No model.)

To all whom it may concern:

Be it known that I, HOWARD B. SHERMAN, a citizen of the United States, residing in the city of Battle Creek, in the county of Calhoun and State of Michigan, have invented certain new and useful Improvements in Basin-Clamps; and I do hereby declare that the following is a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to basin clamps which are equally adapted to basins having thick or thin flanges,—to such that will clamp one thickness as readily as another simply by the adjustment of a block pivoted at the outer end of the clamp bar.

The invention consists essentially in the combination of a clamping bar or bridge and a movable heel piece connected with said bridge to regulate the distance of the heel end of the bridge from the slab to correspond with the thickness of the flange of the base.

In the drawings, Figures 1, 2, 3, and 4 are sectional views showing bowls or basins with flanges of different thicknesses and a slab or support, the clamping-bridge and heel-piece being shown in elevation. Fig. 5 is a top view of the clamping bridge or bar.

A is an ordinary bowl or basin, B is the slab or support to which the bowl is attached, and C is the bolt for holding the clamp bridge to its work. As these parts are of conventional form and character, they need no further description.

D is the clamping-bar or bridge having a longitudinal slot *d* so that it may be readily adjusted to the flange of the basin, notwithstanding the bolts C may not be exactly located. The outer end or heel of the bridge-piece D is forked or otherwise provided with ears or flanges 2, 2, and between these ears is

eccentrically pivoted a polygonal block or heel piece E. In the form shown, the bridge piece is struck up or formed from metal plate having side flanges and a downwardly projecting part 3 within which the heel piece may be rotated on its pivot. This form affords great strength with lightness, and gives symmetry to the article, but obviously any other form which will carry and support the eccentrically pivoted heel piece will serve the function desired and come within my invention.

The form of the toe end of the clamp which is applied to the flange of the basin may be varied indefinitely so long as it is made to fairly grip the flange.

The heel piece consists of a square or polygonal body pivoted near one corner in such manner that the heel of the bridge may be adjusted to a greater or less distance from the slab according to the thickness of the flange of the basin, thus making the clamp of practically universal application while preserving a horizontal face for the clamping nut to work against.

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

1. A basin clamp consisting of the combination of a slotted bar or bridge-piece and a polygonal block or heel piece, eccentrically pivoted to the bar, substantially as described.

2. A basin clamp consisting of the combination of a slotted bar having ears or flanges at its heel end and a polygonal block eccentrically pivoted between the ears, substantially as described.

In testimony whereof I affix my signature in the presence of two witnesses.

HOWARD B. SHERMAN.

Witnesses:

NELSON E. HUBBARD,
ISAAC N. MERRITT.