

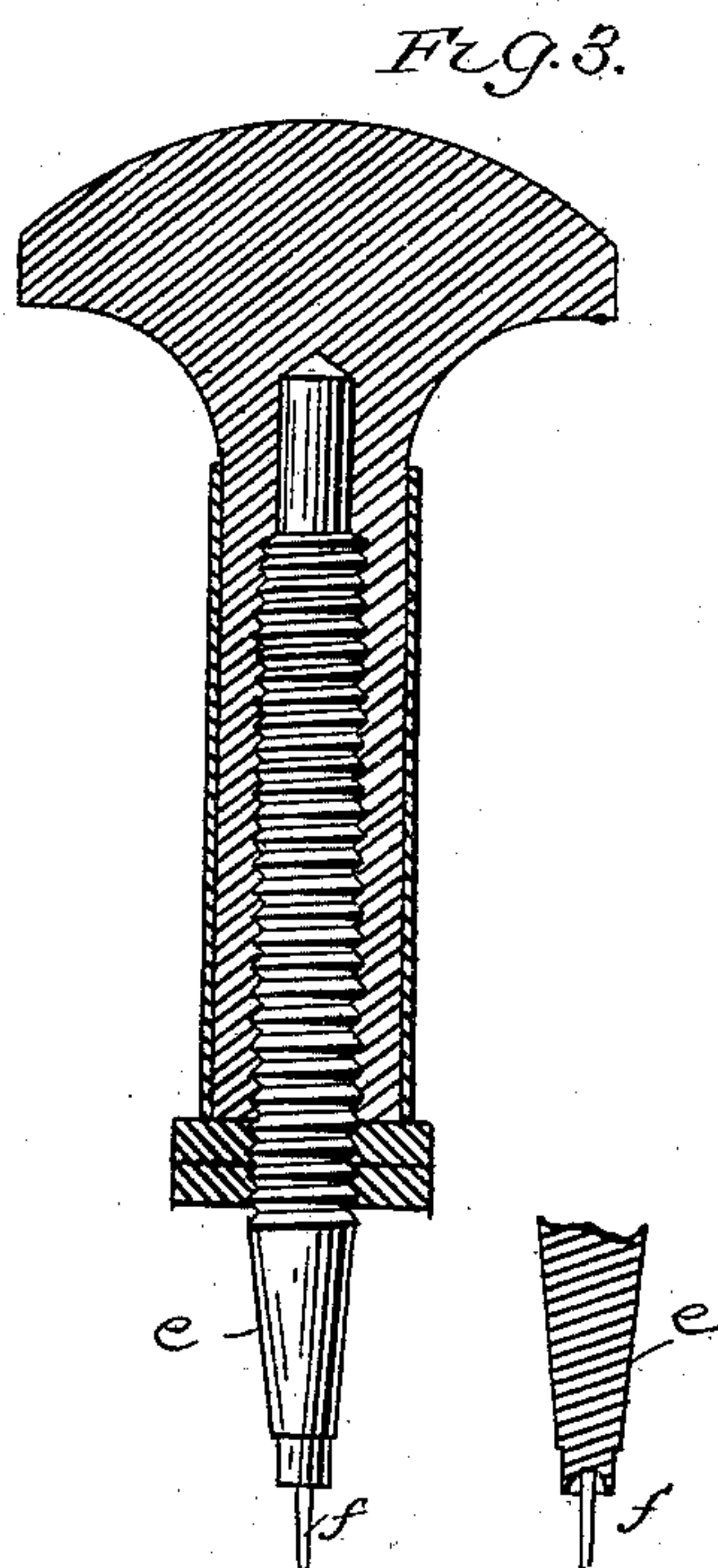
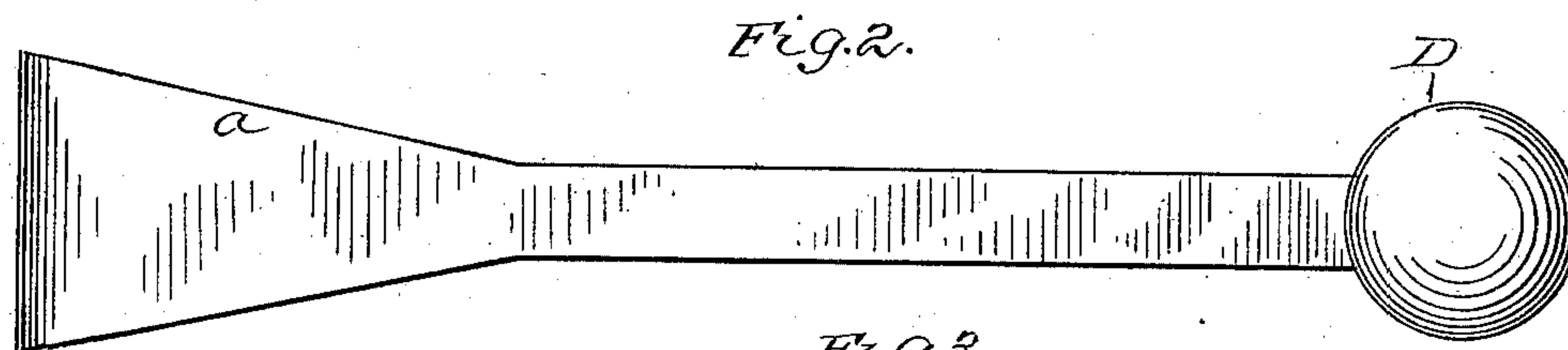
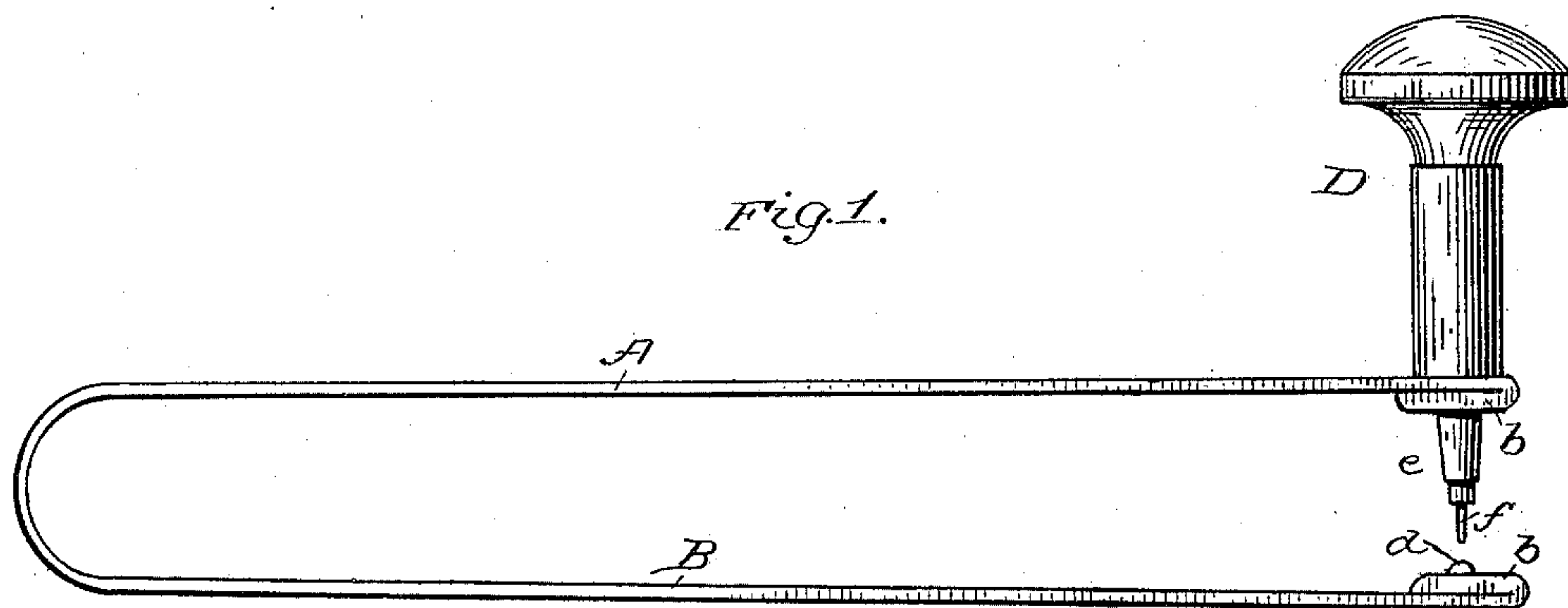
(No Model.)

G. A. DUBREUIL.

DEVICE FOR OPENING EYELET HOLES.

No. 257,301.

Patented May 2, 1882.



witnesses:

*Walter D. Mason*  
*F. L. Middleton*



*Inventor*  
*Geo. A. Dubreuil*  
*by Ellis Spear*  
*Att'y.*



# UNITED STATES PATENT OFFICE.

GEORGE A. DUBREUIL, OF BALTIMORE, MARYLAND, ASSIGNOR TO HIMSELF,  
JACOB HECHT, AND SOLOMON J. HECHT, OF SAME PLACE.

## DEVICE FOR OPENING EYELET-HOLES.

SPECIFICATION forming part of Letters Patent No. 257,301, dated May 2, 1882.

Application filed March 17, 1882. (No model.)

*To all whom it may concern:*

Be it known that I, GEO. A. DUBREUIL, of Baltimore, in the State of Maryland, have invented a new and useful Improvement in Devices for Opening Eyelet-Holes; and I do hereby declare that the following is a full, clear, and exact description of the same.

My invention is a device for raising and opening the eyelet-holes of shirt-bosoms and other garments.

Heretofore it has been customary either to leave such holes to be opened by the wearer by the insertion of the screw of the stud or to open them by a small brad or awl forced downward through the cloth into the board on which the garment rests. This performs the work imperfectly and injures the board.

The object of my invention is to facilitate the work of punching, to prevent injury to the board, and to improve the appearance of the shirt-front or other garment after the hole is opened.

In the accompanying drawings, Figure 1 represents the instrument in side elevation, Fig. 2 in plan view, and Fig. 3 a transverse section on line *x x* of Fig. 1.

In these figures, A and B represent the two arms of the instrument, which are preferably formed in one piece, with a broad flat connecting-bow, *a*, of sufficient elasticity to hold the arms, when not under pressure, a little out of parallelism. The ends of these arms are upset, as shown at *b b*, or otherwise a little thickened.

In the thickened portion of the lower arm I place a perforated screw, *c*, the upper end of which projects slightly through and forms a perforated boss, *d*, upon the upper surface of the enlarged portion of said lower arm. In a hole in the upper arm, directly opposite this boss, I insert a stud, *e*, the inner end of which is turned to fit loosely over the boss *d*, leaving, when shut over the boss, sufficient space between its inner surface and the boss for the interposed cloth. Centrally in the hollowed end of the stud I fix a brad or pin, *f*, exactly in line with the perforation in the boss and adapted to enter it when the arms are pressed together. The end of the brad is adjusted in relation to the boss at such a distance therefrom that when the arms are not under pressure there will be a space between the boss and the end of the brad or pin to allow the cloth to pass between.

I prefer to form the stud with a screw-thread, fitted to a threaded hole in the end, as shown in the figures, so that it may be easily inserted and easily adjusted. The upper end of the stud is made preferably to extend sufficiently far above to receive the threaded shank of the handle D, by pressure upon which the upper arm is forced down. This threaded shank serves as a jam-nut to lock the stud in place.

I prefer to make the arms of metal; but any suitable material may be used.

In operating the device, the garment being laid upon the board with the part which has the eyelet-holes uppermost, I thrust the lower arm into the garment beneath the upper part and bring the pin exactly over the eyelet-holes which is to be opened. A stroke upon the handle drives the pin through said hole, opening it, and also forcing the concave end of the stud over the boss. This presses evenly the cloth down over the stud and slightly raises it, giving it a handsome and finished appearance. The hole left underneath also serves to contain a part of the screw of the stud, which is an incidental advantage.

The details of the device may be varied without departing from the spirit of my invention, which includes more particularly the boss, the concave end of the stud, and the pin.

Having thus described my invention, what I claim is—

1. The described tool, consisting of the stud having concave end and the central pin, in combination with the perforated boss set opposite said pin and with suitable arms for the pin and boss, substantially as described.

2. The combination of the arms A B, suitably connected, the perforated boss *d*, the threaded stud *e*, having concave end, and pin, substantially as described.

3. The described implement for the purpose described, consisting of arms A B, formed from one piece of spring metal, the lower arm having a boss, *d*, and the upper a threaded stud, *e*, and a handle, the parts being constructed and arranged substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

GEO. A. DUBREUIL.

Witnesses:

W. H. C. ROE,

PH. H. HOFFMAN.