

H. H. Beers,

Harness Tool.

N^o 68,156.

Patented Aug. 27, 1867.

Fig 1.

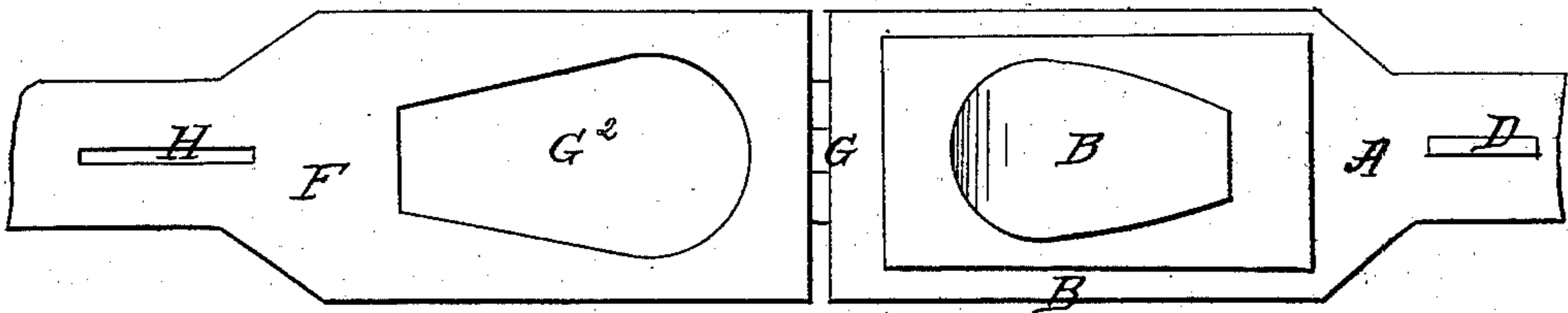
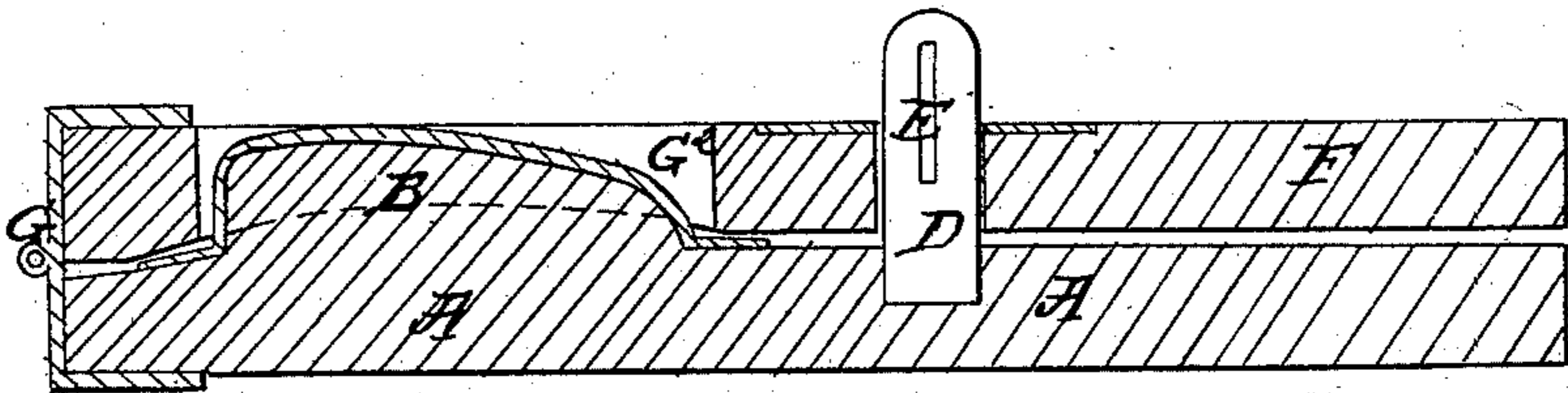


Fig 2.



Witnesses;

*Theo Truiche
W. Truwin*

Inventor;

*H. H. Beers
Per *Munroe*
Attorneys*

United States Patent Office.

HIRAM H. BEERS, OF TOULON, ILLINOIS.

Letters Patent No. 68,156, dated August 27, 1867.

IMPROVED PAD CRIMP-PRESS.

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, HIRAM H. BEERS, of Toulon, in the county of Stark, and State of Illinois, have invented a new and improved Pad-Break and Crimp; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

The present invention relates to a self-adjusting pad-break or crimp for self-adjusting pad-trees employed in the manufacture of harnesses. In the accompanying plate of drawings my improved pad-break and crimp is illustrated—

Figure 1 being a plan or top view of the same, with it opened, and

Figure 2 a central longitudinal vertical section.

Similar letters of reference indicate like parts.

A, in the drawings, represents the bed-piece to the break or crimp, which, in width, thickness, and length, should be about five, one and one-half, and six inches respectively, or thereabouts. F, a lever, hung to bed-piece A with a metal hinge, G. This lever F, at its end where hinged to the bed-piece A, is of a size and dimension corresponding thereto, and from such end for about twelve inches more or less of its length, when it is sloped or tapered off to form a handle, F². B, the die, secured to bed-piece A, which die is to be made adjustable to any size desired by increasing or diminishing by means of screws, through which it is attached to the bed-piece A. This die is also so constructed as to form a concave surface on the pad when completed, with the edges flat and ready for stitching to the pad-skirt. D, a standard mortised in the bed-piece A, where it is fastened by a bolt or otherwise. From this bed-piece A it rises, and in its upper portion has a slot, E, for the purpose of receiving a key to hold the lever F down in place. G², a mould on lever F, to fit die B. This mould has a convex under surface, so as to force the leather to its proper place and shape, and thus make it fit the pad-skirt exactly. The lever F has a slot, H, in it, for the standard to pass through.

By means of the break or crimp above described, a great amount of labor and material can be saved, it enabling as much to be accomplished in one day as by the usual mode would require ten days, as well as producing a pad superior in shape and neatness.

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

A crimp or break for pads, having an adjustable die, B, all made substantially as described.

HIRAM H. BEERS.

Witnesses:

DANIEL M. BEERS,

B. F. YOUNG.