

J. HEWITT.
Sad-Iron Crimpers.

No. 135,550.

Patented Feb. 4, 1873.

Fig. 1.

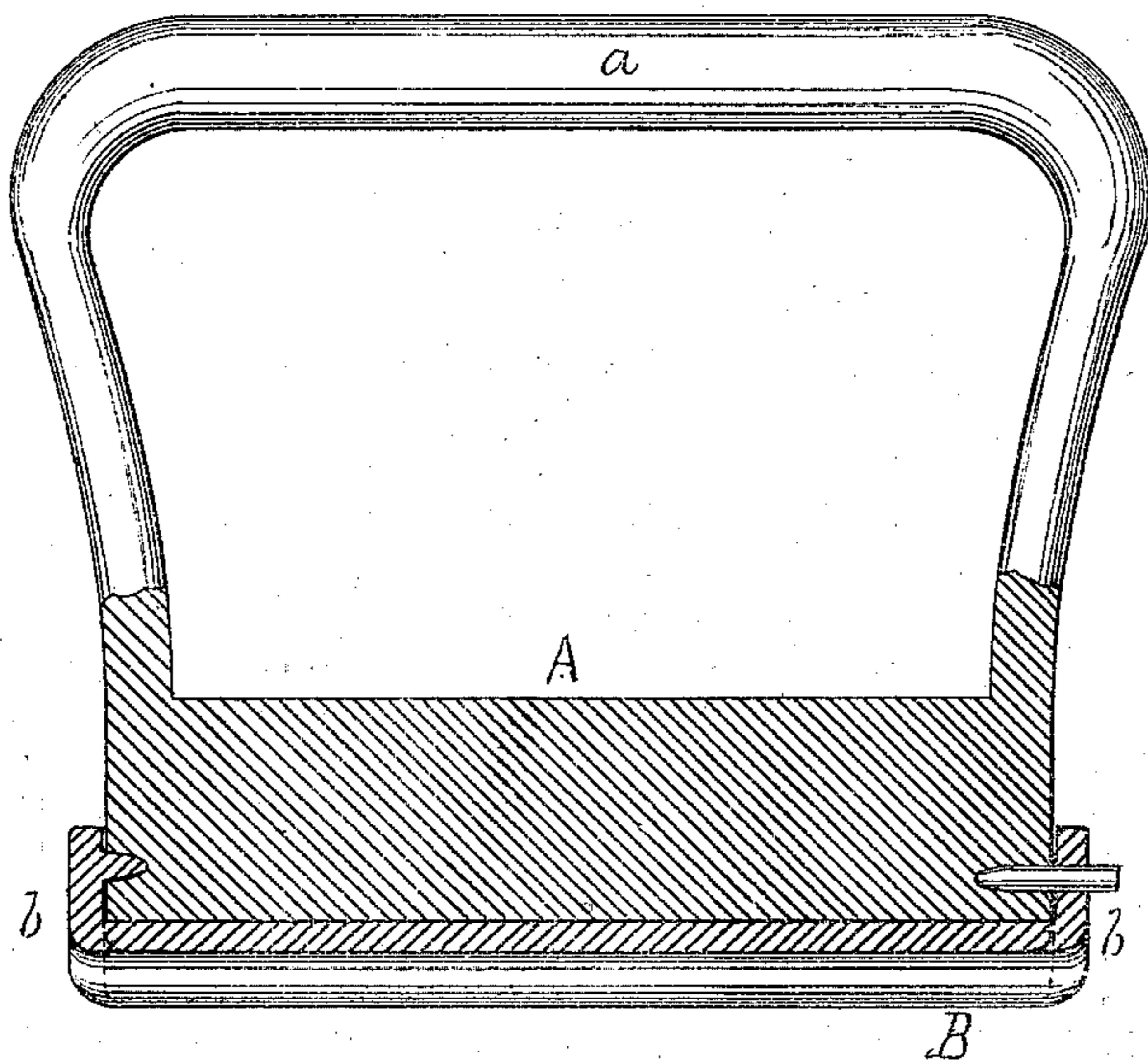


Fig. 2.

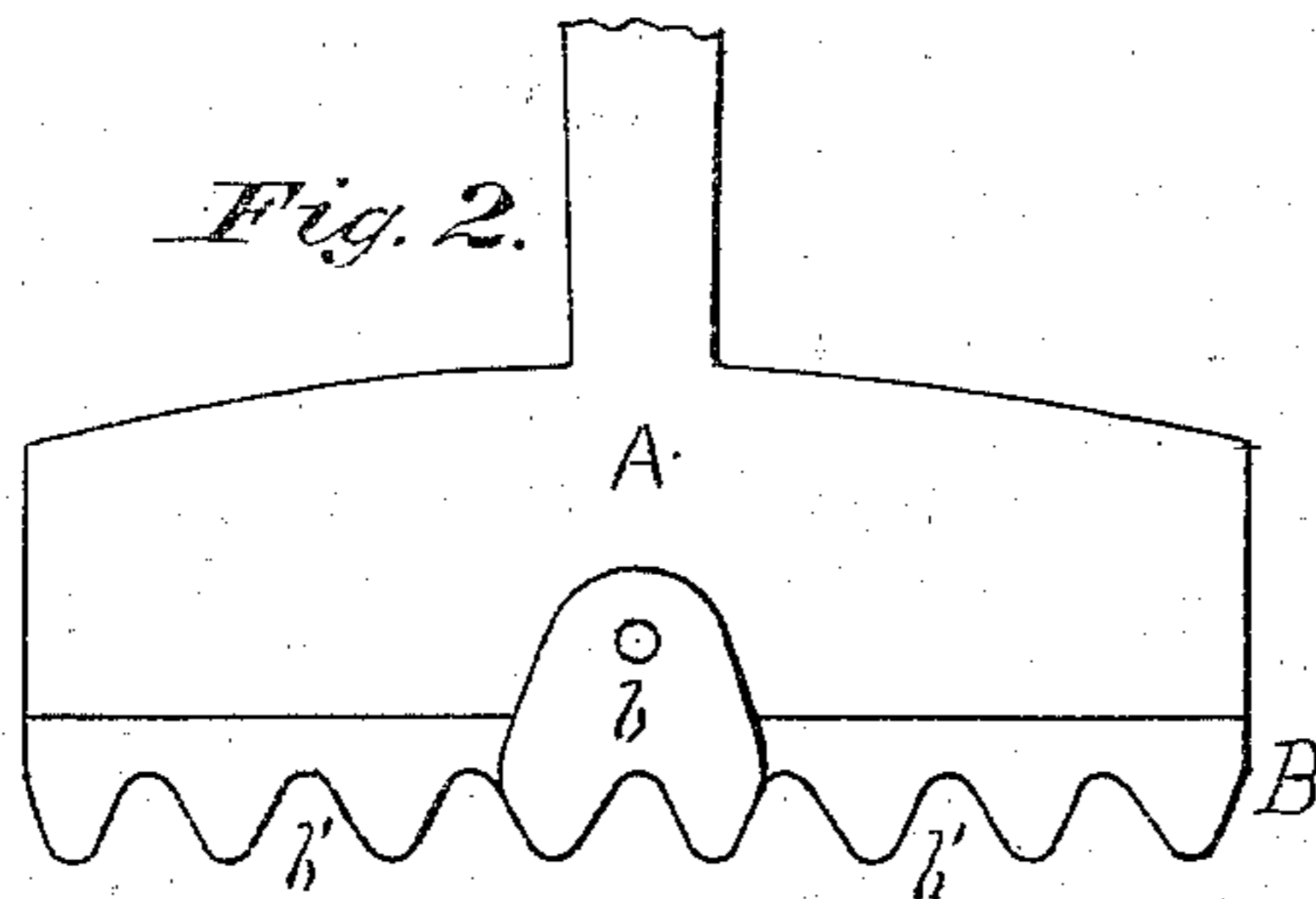
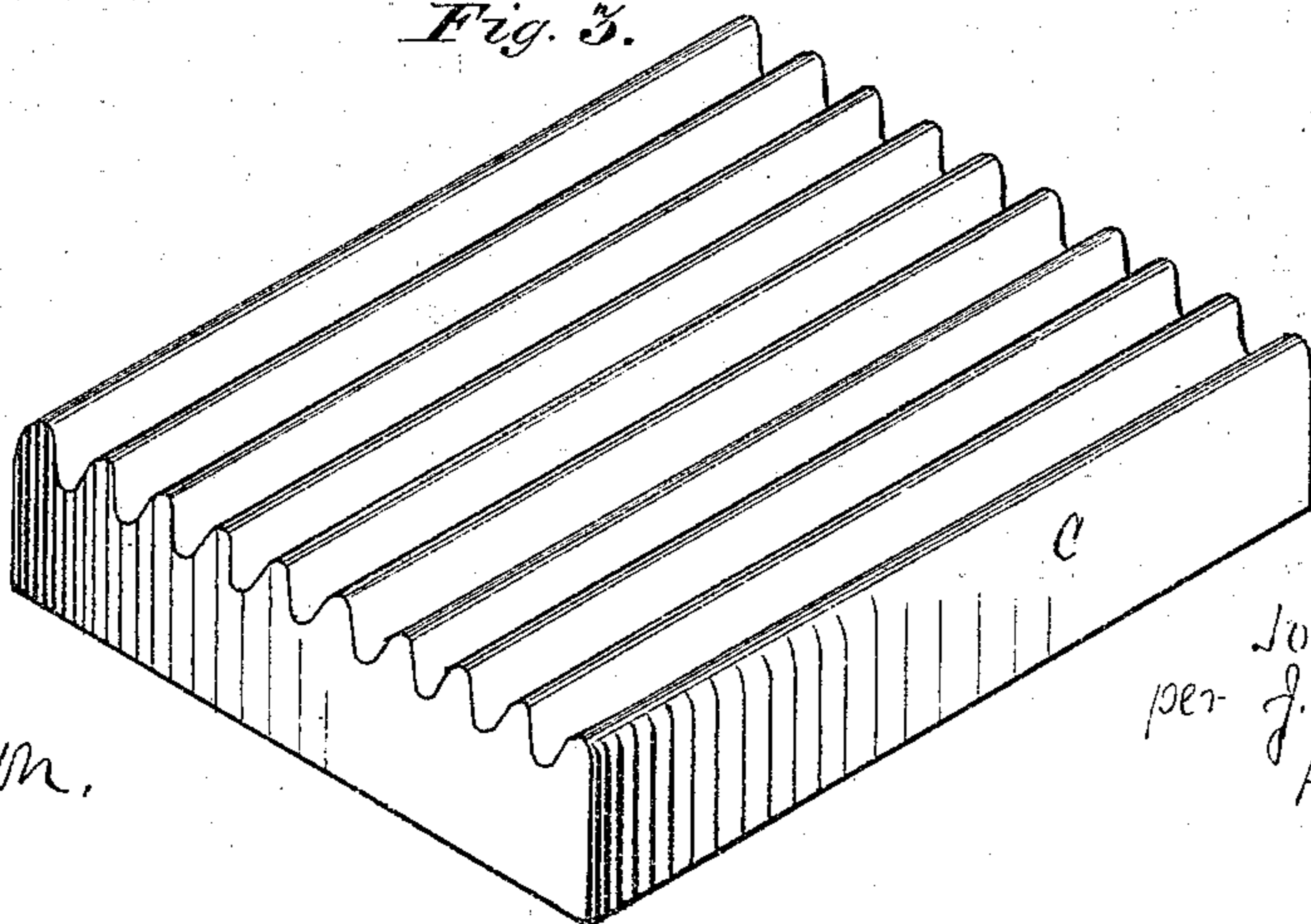


Fig. 3.



Witnesses:

Edwin James.

H. V. Gordon.

Inventor:

John Hewitt.

per J. E. P. Holmead.

Attorney.

UNITED STATES PATENT OFFICE.

JOHN HEWITT, OF NEW YORK, N. Y.

IMPROVEMENT IN SAD-IRON CRIMPERS.

Specification forming part of Letters Patent No. 135,550, dated February 4, 1873.

To all whom it may concern:

Be it known that I, JOHN HEWITT, of the city, county, and State of New York, have invented certain new and useful Improvements in Sad-Iron Crimpers, of which the following is a full, clear, and exact description, reference being had to the accompanying drawing and the letters of reference marked thereon making part of this specification, in which—

Figure 1 is a side view, partly in section. Fig. 2 is an end view. Fig. 3 is a view in perspective of the crimping-plate.

My present invention in crimping-machines is an improvement on a device embraced in a former application, and in which a detachable corrugated shoe-plate is broadly claimed.

The nature of my invention consists in providing for use, in connection with any suitable handle-block or equivalent device, a detachable corrugated shoe-plate, when said plate is of such form as to permit of its entire surface being covered with corrugations that are of uniform length.

The construction and operation of my invention are as follows: A is a block or plate, which is constructed out of any suitable material and is of such form that the corrugated plate B or series of plates to be used in connection therewith will fit the same, the block resting on the upper face of the plate B and between its bearings *b b*. *a* is the handle and is cast with or otherwise connected with the block or plate A by any suitable means. B is the detachable fluting shoe-plate and is cast, stamped, or otherwise formed out of sheet metal or any other suitable material. This plate B has corrugations *b' b'* running the whole length of

the plate and covering its entire surface. The form of this plate B is square or rectangular. This plate has cast with it, stamped on it or otherwise attached, bearings *b b*, by means of which, through shoulder and pin or other suitable attachment it can be fastened to the handle-block A. This permits of the plate being secured on and removed from the block at pleasure, and has the further advantage of permitting a series of plates with different-size corrugations being used in connection with a single block. These bearings *b b* are shown in Figs. 1 and 2 as being at the ends of the plate, but there is nothing arbitrary about this, as they may be at any desired point and of any suitable style; and, when the plate B is formed of sheet metal, they may be so formed as to be sprung over the block A and held through the elasticity of the metal and without any other attachment.

What I claim as new, and desire to secure by Letters Patent of the United States, is—

The corrugated shoe-plate B, having suitable bearings to connect it with a handle-block, A, or equivalent device, when said plate is of such form as to permit of its corrugations *b' b'* covering the entire surface of the plate and of their being of uniform length, so as to permit of the fluting being ironed with the flat surface of the plate, substantially as described.

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

JOHN HEWITT.

Witnesses:

S. MOONEY,
SAMUEL ANDERSON.