

C. R. RATHBUN & H. SHAW.
Sad-Irons.

No. 153,015.

Patented July 14, 1874.

fig. 1.

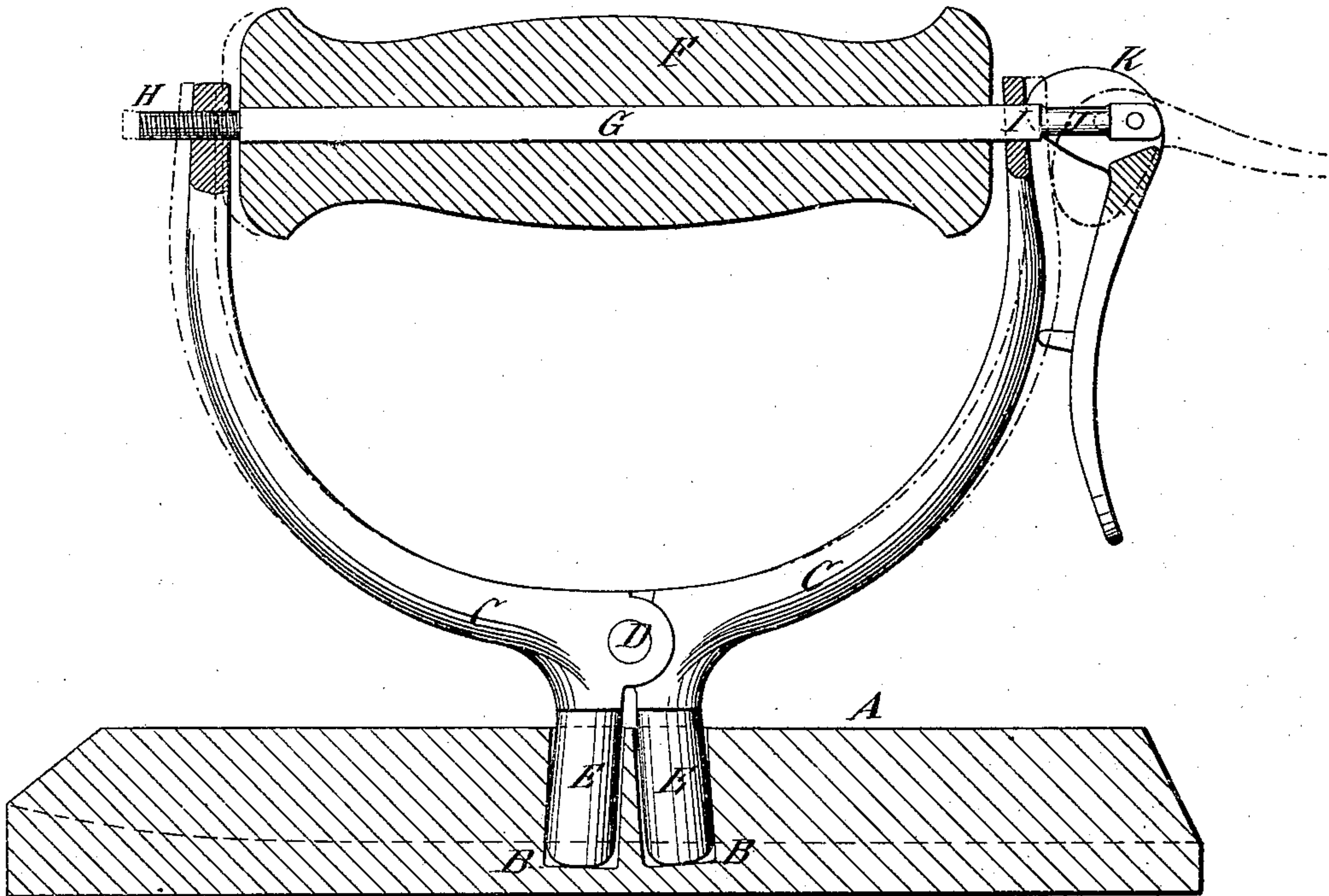
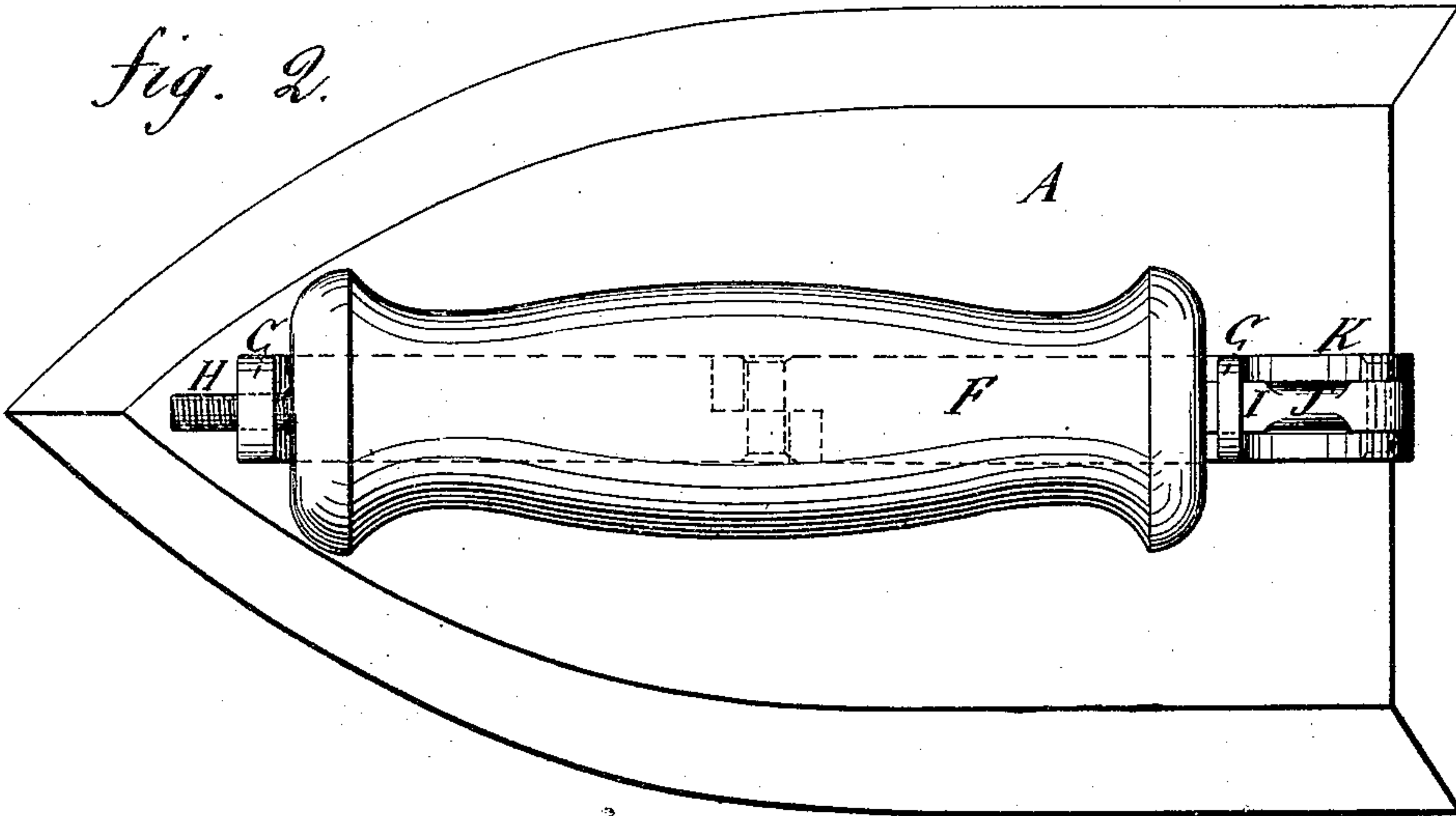


fig. 2.



WITNESSES:

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UNITED STATES PATENT OFFICE.

CHARLES R. RATHBUN AND HENRY SHAW, OF WORCESTER, MASSACHUSETTS.

IMPROVEMENT IN SAD-IRONS.

Specification forming part of Letters Patent No. **153,015**, dated July 14, 1874; application filed May 16, 1874.

To all whom it may concern:

Be it known that we, CHARLES R. RATHBUN and HENRY SHAW, of Worcester, Worcester county, Massachusetts, have invented a new and Improved Sad-Iron, of which the following is a specification:

The invention will first be fully described, and then pointed out in the claim.

Figure 1 is a longitudinal sectional elevation of our improved sad-iron handle, and Fig. 2 is a plan view.

Similar letters of reference indicate corresponding parts.

A represents the iron with two holes, B, bored in it close together, near the center of the top, in its longitudinal axis, said holes being slightly inclined from each other from the top downward. C represents the standards, which are jointed together at D, and below the joint have the vertical portion E fitted to enter the holes. Above the joint they branch apart wide enough to receive the wood handle F between them. This handle has a rod, G, extending through it, with a screw-threaded projection, H, at one end screwing into one standard, and a square and round projection, I J, at the other end passing through a square hole in the standard, and having the cam K pivoted to its end. The cam is arranged to press the standards toward the handle when

turned downward, so as to cause the parts E to bind in the holes, and thus make the handle fast to the iron.

The holes and the standards may be made to accomplish the same result by pressing the standards in opposite directions.

A key or a screw-nut may be used instead of the cam.

By releasing the cam, and shifting the round part J of the rod into the hole of the standard, the rod may be turned to adjust the handle for holes B, more or less distant from each other, or of different sizes, and to regulate the binding pressure. The square part I prevents the wood handle from turning in the standard.

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

The combination, with standards CC, jointed at D, and having ends E E, of the rod G, made fast to the upper end of one standard C, extending loosely through the other, and provided with pivoted cam-lever K, all as shown and described.

CHARLES R. RATHBUN.
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Witnesses:

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