

(No Model.)

C. MARCK.
IRONING MACHINE.

No. 323,174.

Patented July 28, 1885.

Fig. 1.

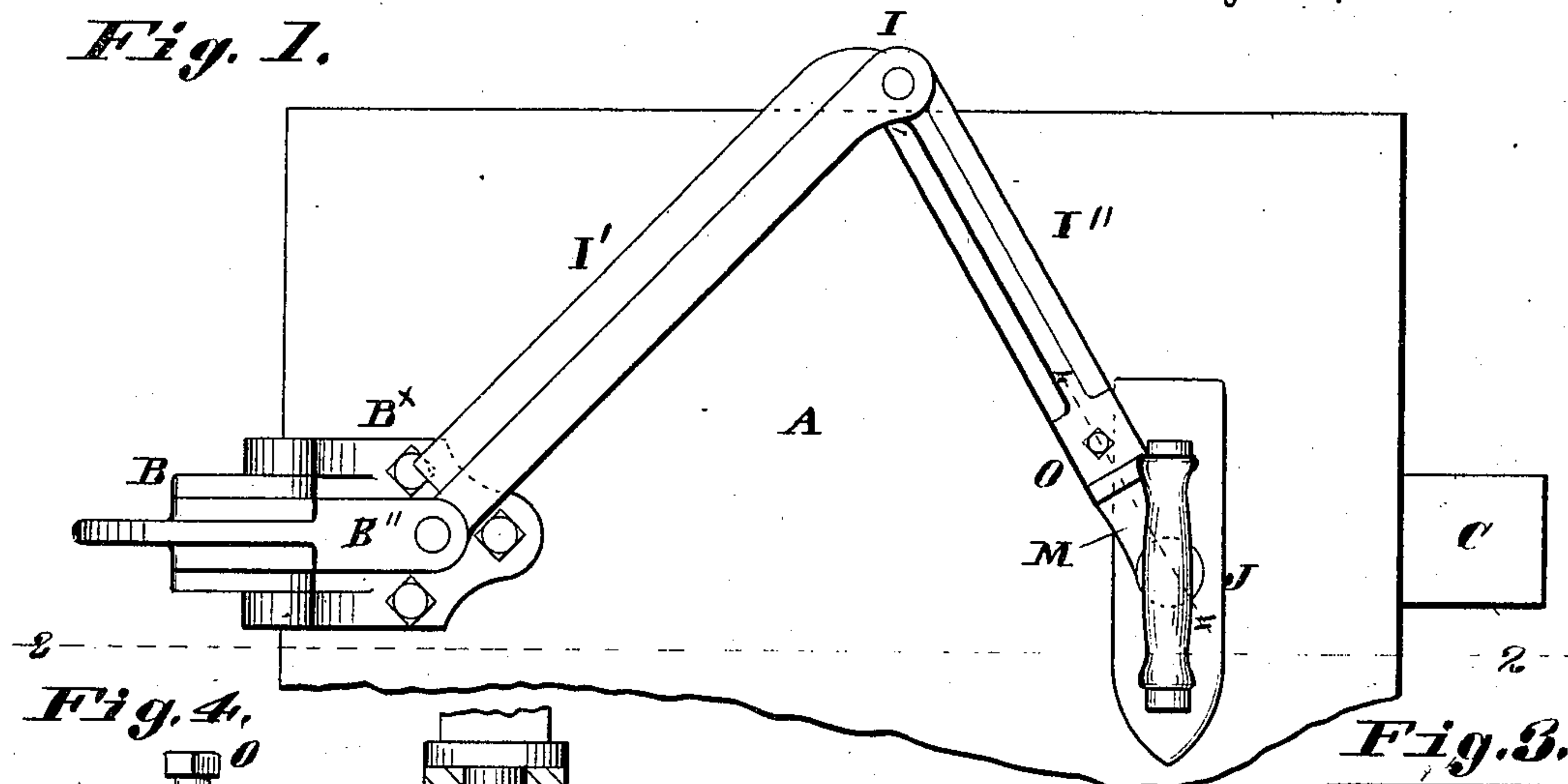


Fig. 4.

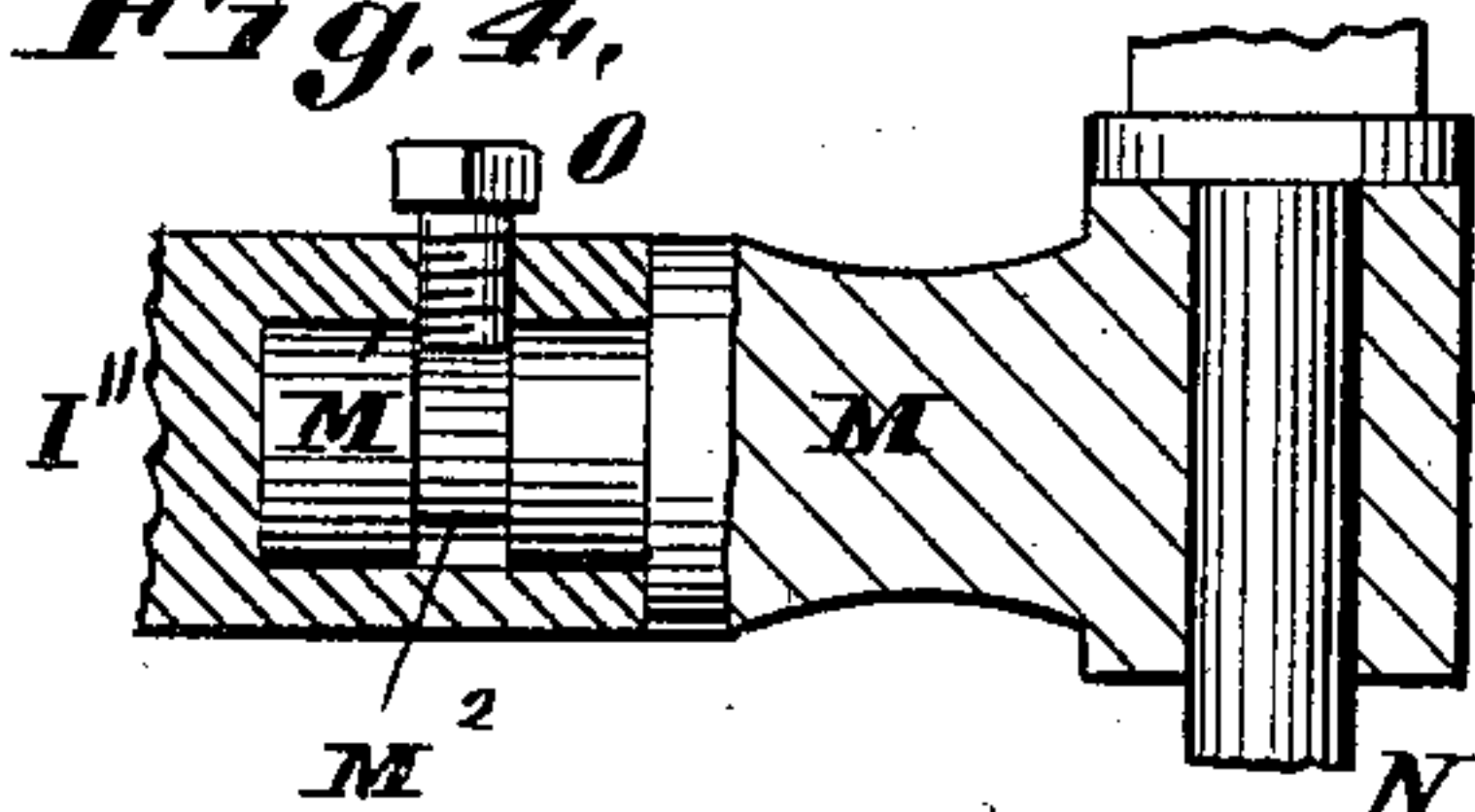


Fig. 3.

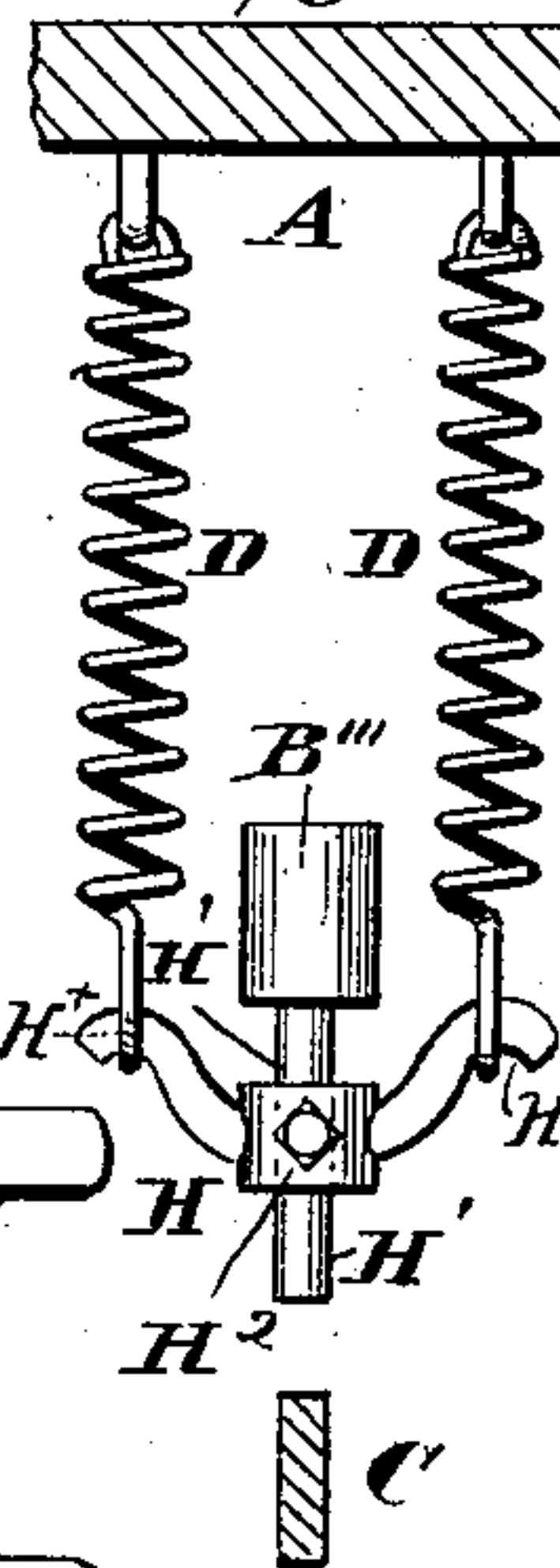
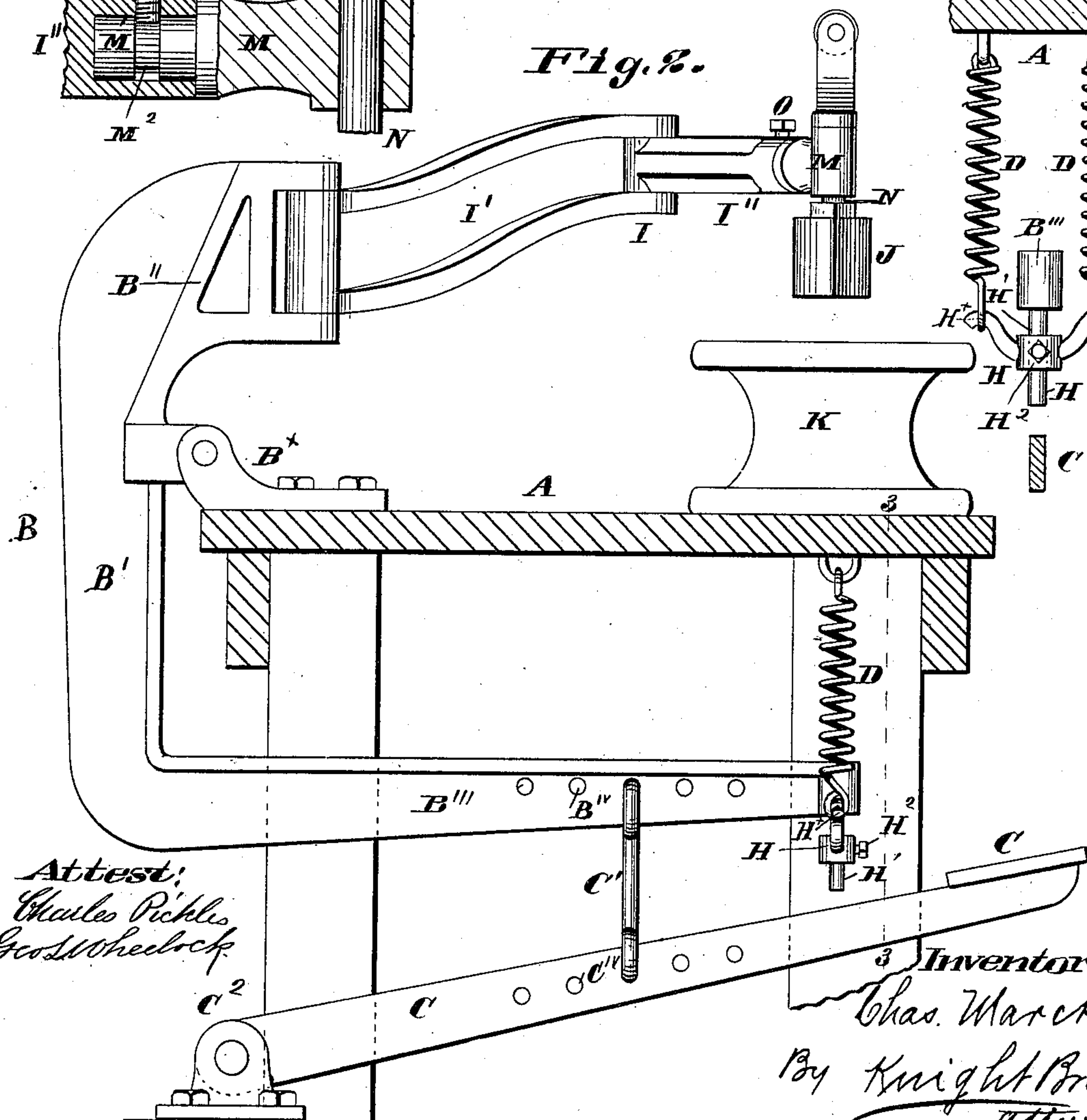


Fig. 2.



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CHARLES MARCK, OF ST. LOUIS, MISSOURI.

IRONING-MACHINE.

SPECIFICATION forming part of Letters Patent No. 323,174, dated July 28, 1885.

Application filed February 2, 1884. (No model.)

To all whom it may concern:

Be it known that I, CHARLES MARCK, of the city of St. Louis, in the State Missouri, have invented certain new and useful Improvements in Tailors' Pressing-Machines, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification, and in which—

Figure 1 is a top view of my improved ironing-machine, part of the table being omitted. Fig. 2 is a vertical longitudinal section thereof on the line 2 2, Fig. 1. Fig. 3 is a vertical transverse section of the same on the line 3 3, Fig. 2. Fig. 4 is an enlarged detail section on the line 4 4, Fig. 1.

My invention relates to those tailors' pressing or ironing machines in which the iron-support is a lever hinged to one side of a table, and having at its upper end a folding frame to which the iron is secured, and at its lower end a treadle for swinging it.

My improvement consists in certain details of construction which render these machines more desirable, as hereinafter described, and pointed out in the claims.

A is a table of any desired form or shape, to which is secured a lever, B, by means of a bracket, B^x, of suitable construction, the lever being hinged to the bracket, as shown in Figs. 1 and 2. The lever is formed with body B' and arms B'' and B''', as shown in Fig. 2.

B'' is the upper arm and B''' the lower arm.

The lower arm is connected to a treadle, C, by means of a suitable link or chain, C'. The treadle is hinged to a suitable block, C², beneath the lever, as shown in Fig. 2. The link or chain is adjustable in either of the holes B^{iv} and C^{iv} in the arm B''' of the lever and in the treadle, respectively. The arms of the lever are lowered with the treadle, and the arms and treadle are raised by means of springs D, whose upper ends are connected to the under side of the table, and whose lower ends are connected to the hooks H^x of a cross-bar, H, through which passes a short pin, H', that bears against the under side of the forward end of the arm B''', as shown in Fig. 3. The pin is adjustable in the bar and secured to its adjusted position by a set-screw, H², so that by raising or lowering the pin the arms of the lever are adjusted to a greater or less height as required.

To the upper arm, B'', of the lever is hinged a folding frame, I, made in two parts, I' I''. To the outer end of the forward part, I', is secured an iron, J.

K is a "buck" resting upon the table. It will thus be understood that when the iron is secured to the part I' and pressure put upon the treadle the iron will be forced down on the goods upon the buck, and at the same time the jointed frame can be moved back and forth over the buck. The iron is preferably secured to the part I' in such a manner that it can swing in a vertical plane or be twisted or turned in a horizontal plane on the outer end of the forward part of the folding frame. This connection is made by means of a head, M, having a vertical socket to receive a round portion or shank, N, of the iron between the iron proper or body and the handle. The head M has a reduced end, M', fitting in a socket made to receive it in the outer end of the forward part of the folding frame, as shown in Fig. 4. The head is held to the folding frame by a screw, O, whose inner end fits in a circumferential groove, M², in the reduced end.

I do not wish to confine myself to any particular form of iron.

I claim as my invention—

1. The combination, with a table and lever for supporting the iron hinged thereto, of the springs D D, secured to the under side of the table over the outer end of the lower arm of the lever, cross-bar H, having hooks H^x H^x by which it is supported by the springs beneath the outer end of the arm, short pin H', adjustable through the cross-bar, and a set-screw by which the pin is adjusted to bear more or less on the under side of the arm, as set forth.

2. The combination of a table, a lever B, having body B', upper arm, B'', and lower arm, B''', and hinged to the table, block C², treadle C, springs D D, cross-bar H, having hooks H^x H^x, short pin H' in cross-bar, and set-screw H², the lower arm and treadle each having a series of perforations and connected by a link or chain adjustable in the perforations, as set forth.

CHARLES MARCK.

In presence of—

GEO. H. KNIGHT,
SAML. KNIGHT.