

W. S. KINSMAN.
Ironing-Machine.

No. 215,228.

Patented May 13, 1879.

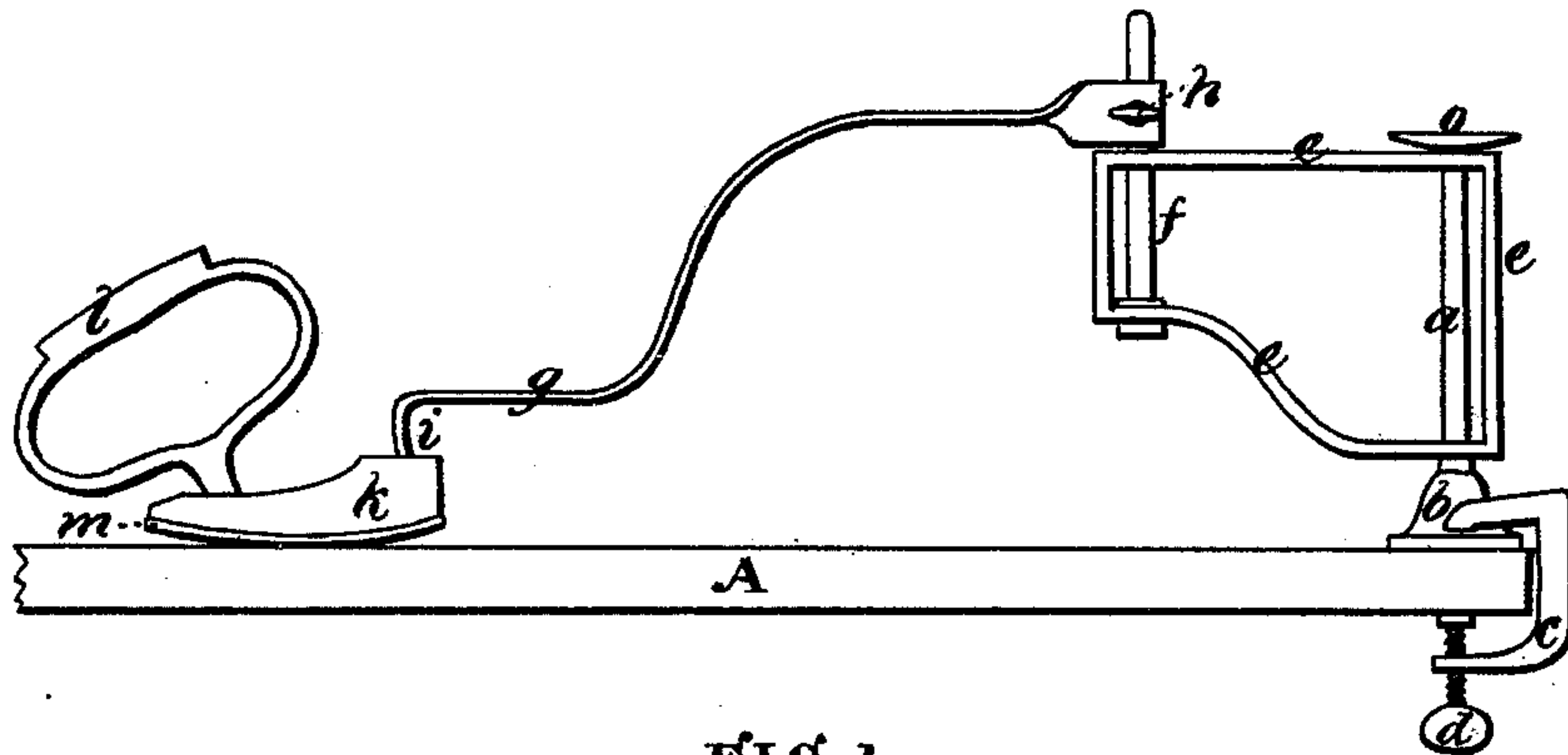


FIG. 1.

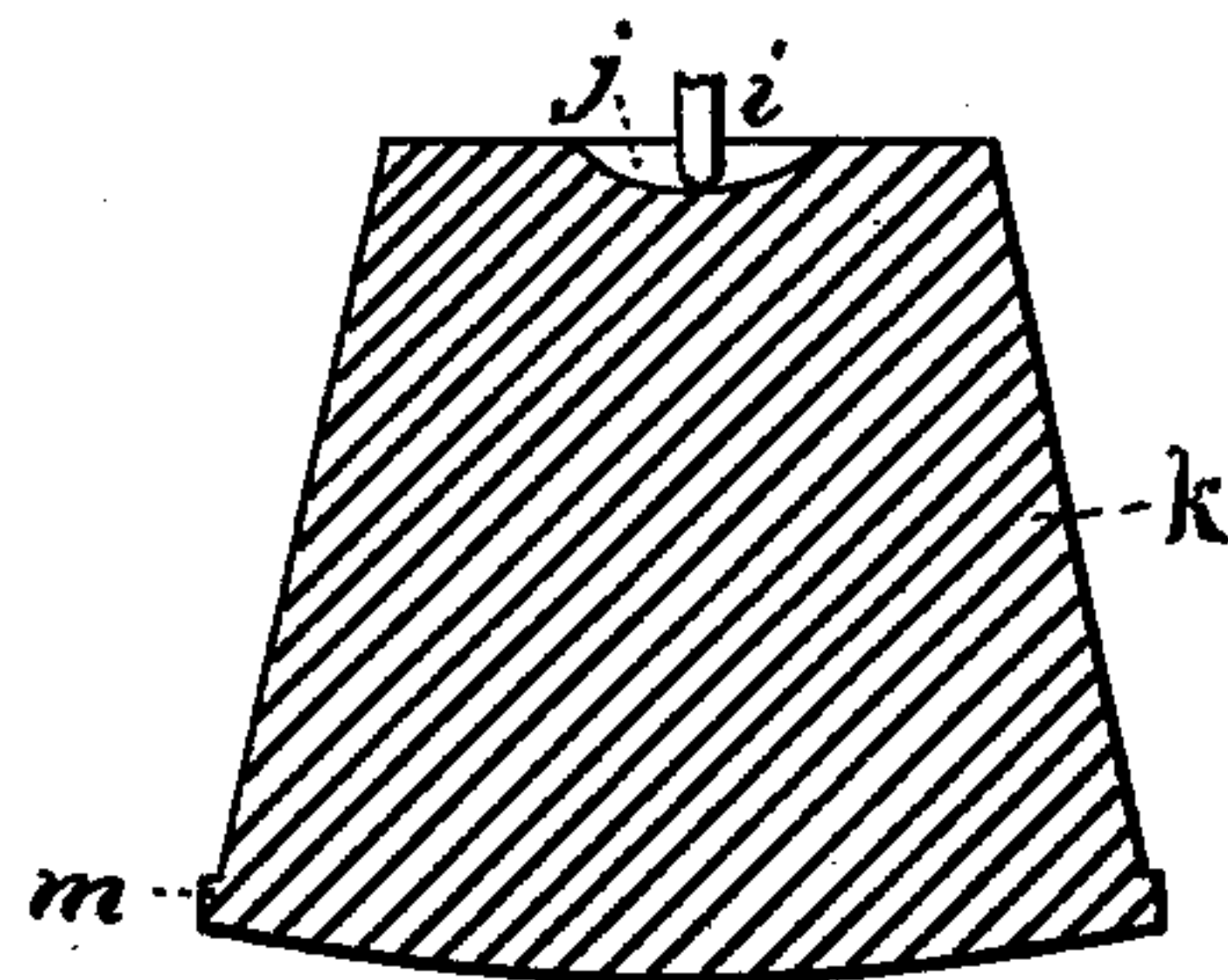


FIG. 2.

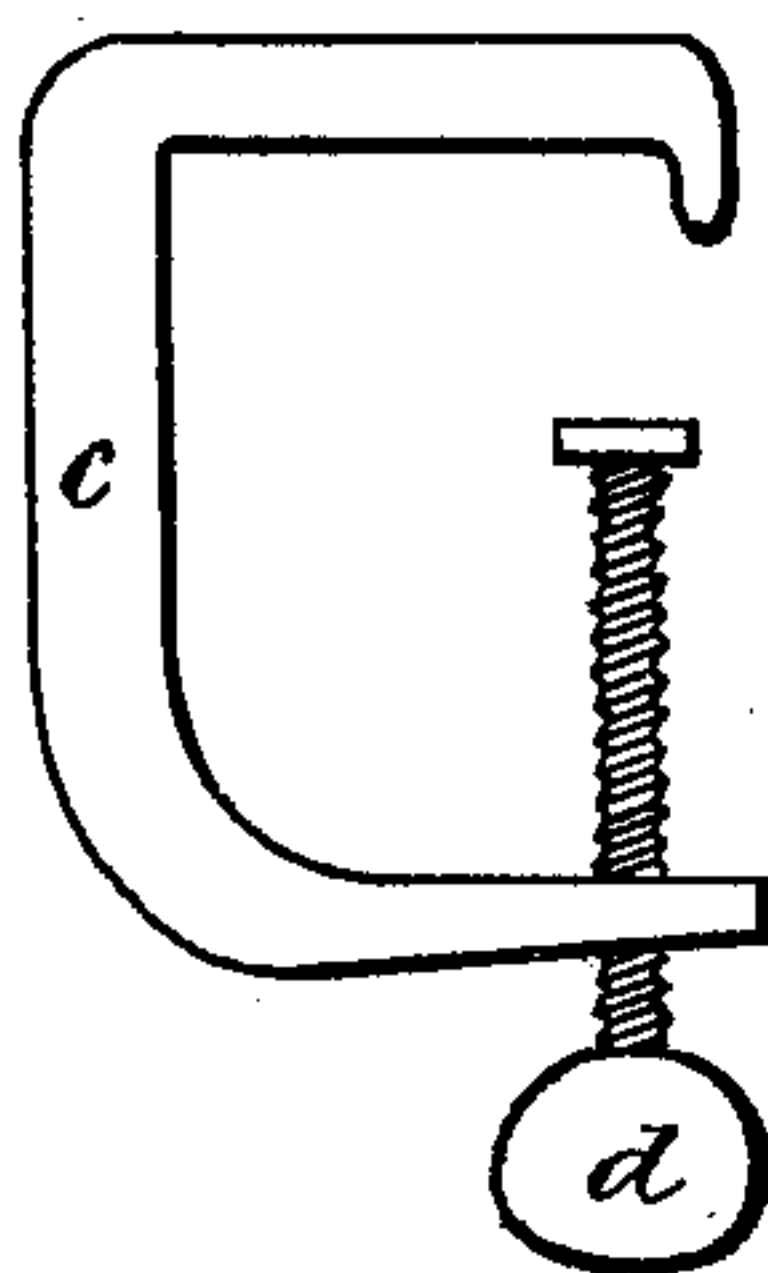


FIG. 3.

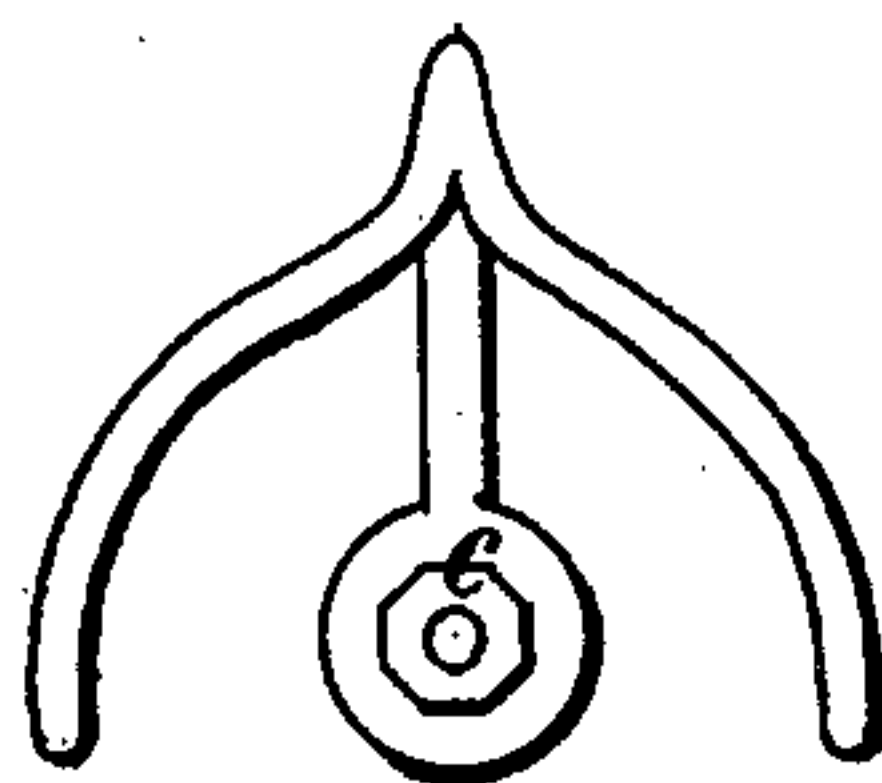


FIG. 4.

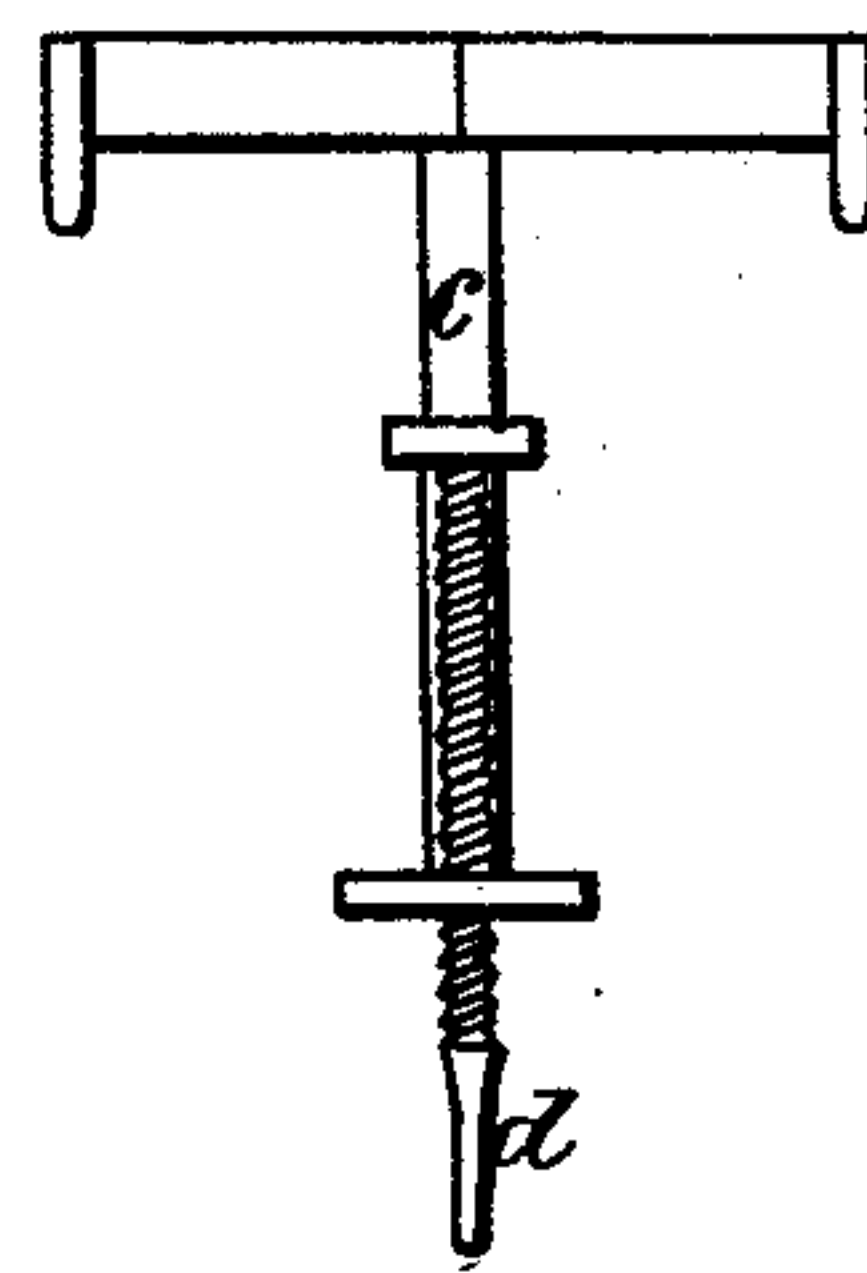


FIG. 5.

WITNESSES:
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UNITED STATES PATENT OFFICE.

WILLIAM S. KINSMAN, OF SOMERSWORTH, ASSIGNOR OF TWO-THIRDS HIS
RIGHT TO JAMES E. TEBBETS, OF GREAT FALLS, NEW HAMPSHIRE.

IMPROVEMENT IN IRONING-MACHINES.

Specification forming part of Letters Patent No. **215,228**, dated May 13, 1879; application filed
March 12, 1879.

To all whom it may concern:

Be it known that I, WILLIAM S. KINSMAN, of Somersworth, in the county of Strafford and State of New Hampshire, have invented certain new and useful Improvements in Machines for Ironing; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

Figure 1 shows a side elevation of my invention. Fig. 2 is a section of the polisher, showing recess. Figs. 3, 4, 5 are details of the clamp.

My invention relates to a polishing device or machine, such as can be used to polish collars, cuffs, shirt-bosoms, skirts, or any starched articles requiring a polish.

In the accompanying drawings, A shows the table to which the polisher is to be attached while in use. *a* is a post or standard, having a base, *b*. This base rests on the top of the table, near the edge. It is held in position by a clamp, *c*, one part of which clamp passes under the edge of the table, and has a hole fitted with a thumb-screw, *d*. The upper part of the clamp has two branching arms, which come up over the base *b*, and have two points turned downwardly, so as to enter into holes in the top of the base *b*. By turning the thumb-screw *d* in the proper direction the base *b* is firmly held to the table.

Set and turning upon *a* is the crane *e*. This crane is kept in position by the nut *o*. This nut is made large enough to hold hot irons. This crane supports at its outer end a stud or standard, *f*. Extending from this standard *f*, in a manner shown in the drawings, is a curved spring-arm, *g*. This arm has an eye, through

which the standard *f* passes, and upon which standard the arm can be elevated or depressed. When placed at a given point the spring-arm *g* can be then held by setting up the thumb-screw *h*. By changing this spring-arm up or down I can increase or diminish the pressure.

The curved arm *g* is curved downwardly, as described, and has a point or hook at *i*. This is intended to fit into a slight recess at or near the point *j* in the ironer or polisher. The ironer or polisher is seen at *k*, and is not claimed by itself. It has the handle *l* and a bottom polishing-surface, as indicated at *m*.

The operation of the entire device is as follows: The crane is screwed to the table by the clamp *c* and base *b*, as hereinbefore described. The point *i* is then fitted into the slight recess prepared for it on the top of the polishing-iron. The iron is then applied to the article to be polished and the polishing operation carried on.

Increased pressure of the polishing-iron upon the cloth may be produced by moving the spring-arm *g* down, and the pressure lessened by moving it up.

What I claim as my invention, and desire to secure by Letters Patent, is—

The combination of the base *b*, post *a*, clamp *c*, thumb-screw *d*, the branching holding-arms, crane *e*, nut *o*, standard *f*, adjustable curved spring-pointed arm *g*, thumb-screw *h*, and polisher *k*, to be applied and operated as set forth.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

WILLIAM S. KINSMAN.

Witnesses:

PRESCOTT B. KINSMAN,
HATTIE E. HAMMOND.