

M. H. Knapp,

Fluting Iron.

No. 105,953.

Patented Aug. 2, 1870.

Fig. 1.

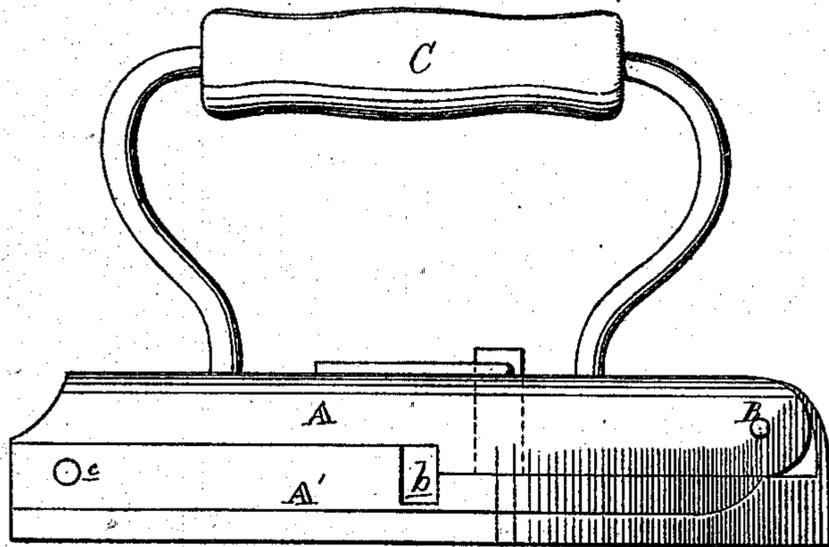


Fig. 2.

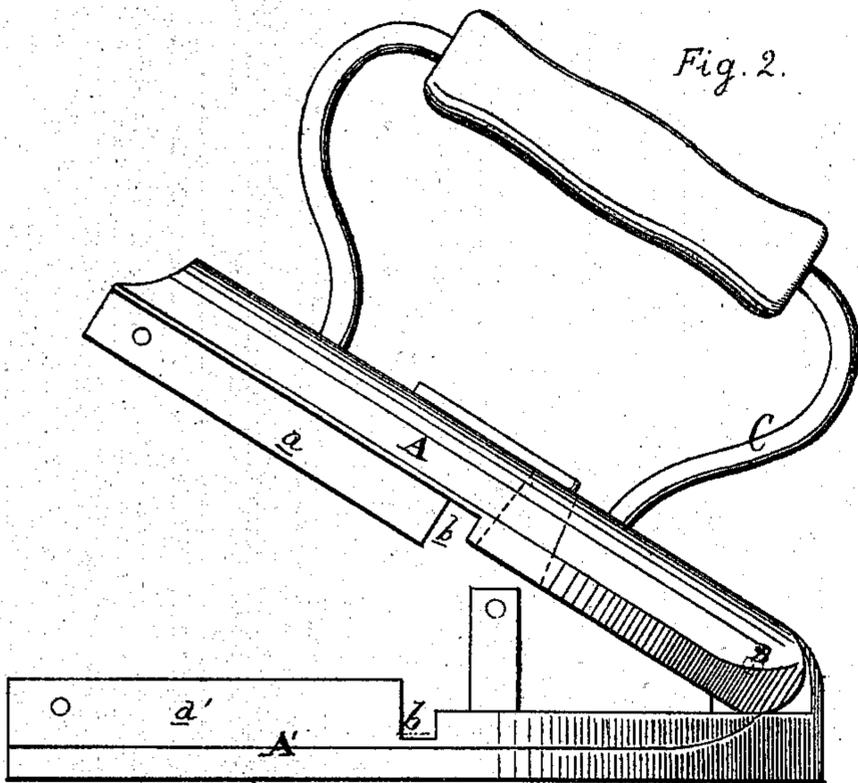
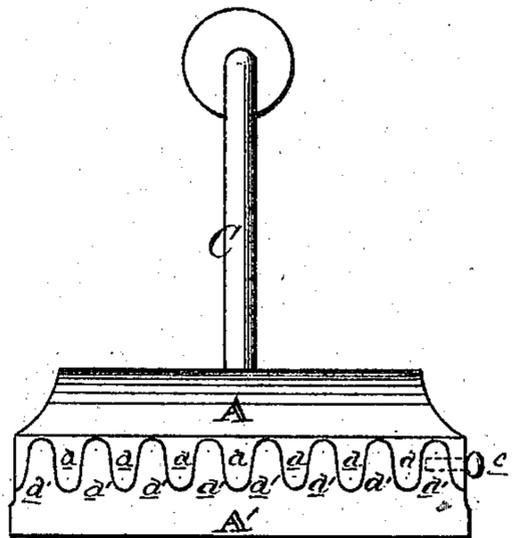


Fig. 3.



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MYRON H. KNAPP, OF BAY CITY, MICHIGAN.

IMPROVED FLUTING AND SAD IRON.

Specification forming part of Letters Patent No. **105,953**, dated August 2, 1870.

To all whom it may concern:

Be it known that I, MYRON H. KNAPP, of Bay City, in the county of Bay and State of Michigan, have invented a new and useful Combined Fluting and Sad Iron; and I do declare that the following is a true and accurate description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, and being a part of this specification, in which—

Figure 1 is a side elevation of my combined fluting and sad-iron closed. Fig. 2 is a similar view, showing it opened to receive the fabric to be fluted; and Fig. 3 is a rear elevation of the device closed.

Similar letters of reference indicate corresponding parts in each figure.

The nature of my invention relates to the combination, with a sad-iron, of a fluting device making part of said sad-iron, and in such a manner that either may be used, as desired.

The invention consists in constructing the sad-iron in halves, divided horizontally, and hinged together at their front ends, with their rear inner faces fluted, as hereinafter shown and described; in a device for securing the parts together when in use as a sad-iron; and in the general arrangement of its various parts, as hereinafter more fully shown and set forth.

In the drawings, A A' represent the top and bottom halves of a sad-iron constructed in the usual form, but divided horizontally, as shown, and pivoted to each other at B.

C is a handle of the ordinary type, attached to the upper section.

a are corrugations or flutes formed on and projecting downward from the rear half of the inner face of the upper section of the iron, in-

terlocking with similar flutes, a', projecting upward from the lower section. A transverse channel or groove, b, is formed across the sections at the head of the flutes for the reception of the hem of the fabric being fluted. The sections are held together at the rear end by a pin, c, inserted through a pair of overlapping flutes, as shown in Fig. 3; or any other suitable device may be employed for the purpose in lieu thereof, such as is shown in Figs. 2 and 3, consisting of a stud projecting from the lower up through the upper section, and a hook on the upper section passing through an eye in the head of the stud.

The operation of the device, when used to flute any fabric capable of being fluted, will be readily understood, while its efficiency as a sad-iron is not impaired. By its use a fluting-iron is always ready heated for use at the time it is most needed—*i. e.*, while the fabric is being ironed.

I do not intend to confine myself to the precise construction of the device as shown, as the same may be hinged at one side, may have transverse instead of longitudinal flutes or corrugations, and may be constructed of other material than iron.

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

The construction of a sad-iron in two sections, A A', hinged together, and provided with corrugations or flutes a a', in such a manner that the device may be used both as a fluter and sad-iron, substantially as described.

MYRON H. KNAPP.

Witnesses:

SAML. C. SMITH,
H. B. HULBERT.