

(No Model.)

C. WOLFF.  
IRONING MACHINE.

No. 341,980.

Patented May 18, 1886.

FIG. 1.

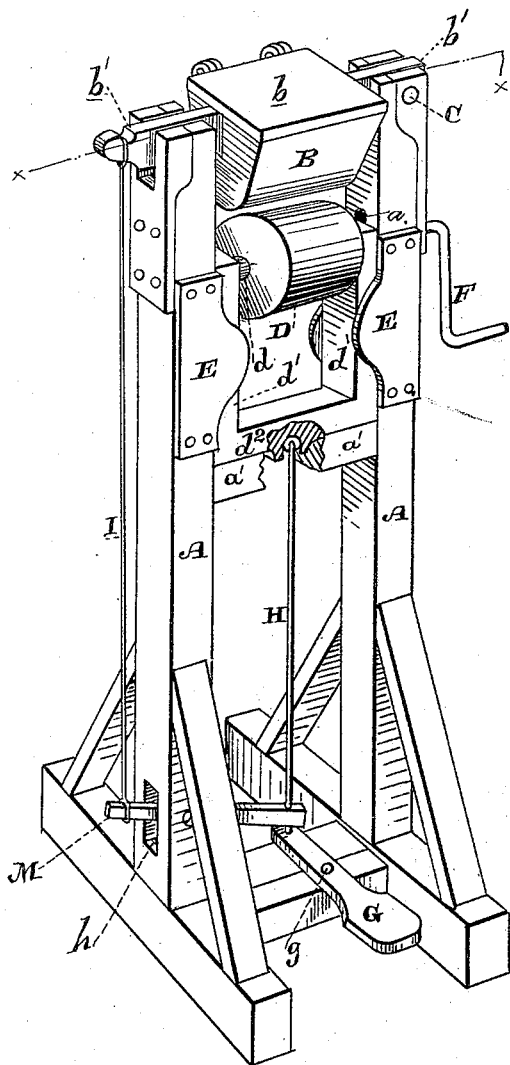


FIG. 3.

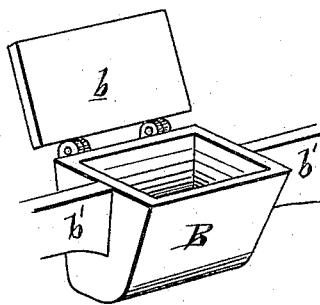


FIG. 4.

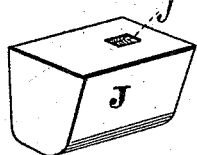
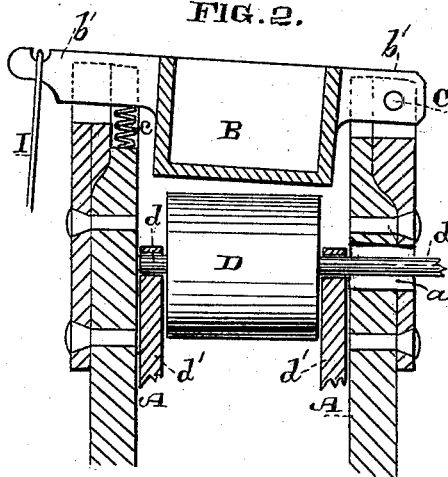


FIG. 2.



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# UNITED STATES PATENT OFFICE.

CONSTANT WOLFF, OF SAN FRANCISCO, CALIFORNIA.

## IRONING-MACHINE.

SPECIFICATION forming part of Letters Patent No. 341,980, dated May 18, 1886.

Application filed July 27, 1885. Serial No. 172,795. (No model.)

*To all whom it may concern:*

Be it known that I, CONSTANT WOLFF, of the city and county of San Francisco, State of California, have invented an Improvement in Ironing-Machines; and I hereby declare the following to be a full, clear, and exact description of the same.

My invention relates to the class of machines for ironing small articles of clothing, more especially collars and cuffs.

My invention consists in the combination of devices, all of which I shall hereinafter fully describe and claim.

The object of my invention is to provide a simple and effective ironing-machine.

Referring to the accompanying drawings, Figure 1 is a perspective view of my invention. Fig. 2 is a vertical section of the upper part of the machine, taken on the line *x x*, Fig. 1. Fig. 3 is a view of the heating-iron. Fig. 4 is a view of the heating-core.

A is an upright frame or stand, which should be rigidly secured to the floor.

B is the heating-iron, consisting of a hollow casing provided with hinged lid *b*. The said casing is made of a downwardly-tapering shape, its bottom being flat with rounded edges. The iron is provided with arms *b'*, one of which is pivoted in the top of one of the standards of the frame by a pin or bolt, C. The other arm rests in a bearing in the top of the other standard of the frame, and a spring, *c*, serves to hold said arm up, whereby the iron remains normally separated from the roller below.

D is a roller having a shaft, *d*, which is journaled in sliding boxes *d'*, having a cross-piece, *d''*, and guided by flanges E on the standards of the main frame. The shaft of the roller projects through the slot *a* in one of the standards of the main frame, and has a crank, F, whereby the roller is rotated.

In the base of the frame is pivoted or fulcrumed, at *g*, a treadle, G, to the inner end of which is secured a rod, H, which extends up through the cross-bar *a'* of the frame, and is secured under the cross-piece *d''* of the sliding boxes, which carry the roller. By pressing down the treadle the roller may be vertically adjusted.

Pivoted in a slot, *h*, in the base of one of the standards of the main frame, is a lever, M, the inner end of which is attached to the rod H or to the treadle, and the outer end has attached to it a rod, I, the upper end of which is attached to the projecting end of one of the arms, *b'*, of the iron.

J is a core of iron, which fits within the hollow casing forming the iron B. This core is provided with a small socket, *j*, similar to the sockets of stove-griddles, whereby said core may be readily removed from the casing by means of the ordinary stove-hook.

The operation of the machine is as follows: The core is first heated and is then placed in the iron B, the lid of which is closed down. The article to be ironed is placed between the roller and the flat bottom of the iron B, and the treadle is pressed so that the iron and the roller are brought together with the requisite degree of pressure upon the article. The crank of the roller-shaft being now turned, the article is fed through under the iron.

I have found that the flat bottom of the iron presents the best surface for the purpose and is much better than a convex or concave surface.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

An improved ironing-machine comprising the combination of a frame or stand, A, a roller, the vertically-sliding boxes, in which the shaft of the roller is journaled, a superposed heating-iron provided with arms *b'* and pivoted to one side of the frame, a pivoted treadle, G, and rod H, for vertically moving the roller, a rod, I, attached to one of the arms *b'*, and a pivoted lever, M, the ends of which are attached to the rods H and I, respectively, whereby the movement of the treadle G causes the roller and iron to approach each other, all constructed and arranged to operate substantially as herein described.

In witness whereof I have hereunto set my hand.

CONSTANT WOLFF.

Witnesses:

C. D. COLE,  
J. H. BLOOD.