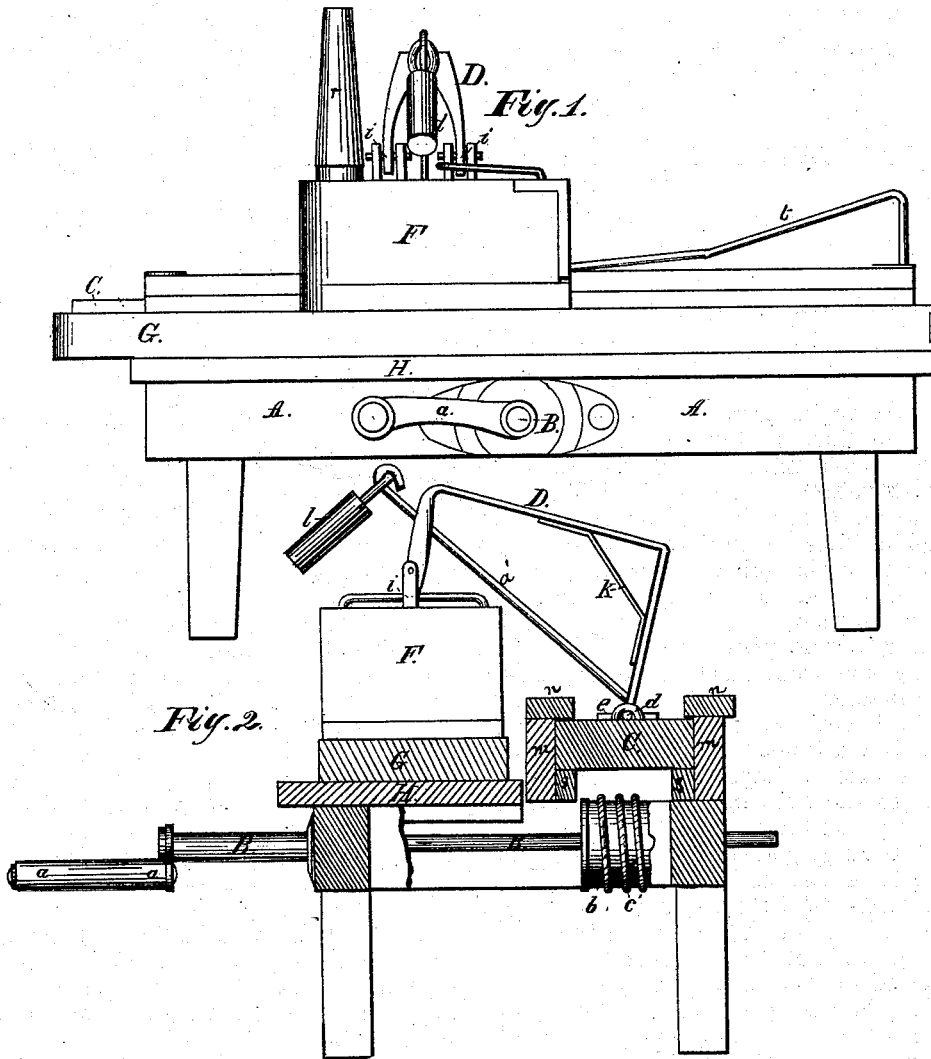


H. B. EVANS & W. KESTLER.

IRONING APPARATUS.

No. 182,425.

Patented Sept. 19, 1876.



Attest:

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# UNITED STATES PATENT OFFICE

HOLLAND B. EVANS AND WILSON KESTLER, OF ST. CHARLES, MISSOURI.

## IMPROVEMENT IN IRONING APPARATUS.

Specification forming part of Letters Patent No. 182,425, dated September 19, 1876; application filed March 7, 1876.

*To all whom it may concern:*

Be it known that we, HOLLAND B. EVANS and WILSON KESTLER, of St. Charles, in the county of St. Charles and State of Missouri, have invented a new and useful Improvement in Ironing-Machines, which improvements are fully set forth in the following specification, reference being had to the accompanying drawings, in which—

Figure 1 is a side view of our improved ironing-table and iron, and Fig. 2 is a cross-section of the same.

Our invention relates to improvements in ironing-tables and irons, in which a reciprocating movement is imparted by suitable mechanism to the iron, as will be hereafter more fully explained.

In the accompanying drawings, A represents the ironing-table, one end of the top, H, of which is hinged to the ironing-board G, the two hinged parts H and G being preferably detachable from the table. *mm* are longitudinal pieces attached to the table, extending along its entire length, and provided with longitudinal pieces *nnss*, forming grooves for the bar C, which is thus allowed freely to slide therein. To the upper face of the sliding bar C is attached, by staples *e*, or otherwise, the hinge-bar *d*, which is free to rotate, and to which is attached the bent arm D, provided with brace K, and bifurcated at its front end, the bifurcated end passing between lugs *ii* in the top face of the iron, and bolts being employed to pass through holes in the lugs, and corresponding ones in the bifurcated ends of the arm D, whereby the latter is hinged to the iron. *t* is a guide-rod on the part of *n*,

the function of which will be hereinafter explained.

B is a horizontal shaft journaled in the frame of the table, and provided with an enlargement, *b*, around which a cord, *c*, is wound, the ends of which are attached to eyes in the ends of the sliding bar. (Not shown in the drawing.) *a* is an arm, attached at its lower end to the hinged bar *d*, projecting through the opening between the bifurcations of the arm D, and provided with a weight, *l*, at its outer end.

By this construction it will be seen that, by rotating the shaft B by means of the crank *a*, a reciprocating movement will be given the iron F, and that, as the iron reaches one end of the table, it will be elevated by the bar or rod *a'* passing over the guide-rod *t*.

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

1. The sliding board C, having the hinged bar *d*, in combination with the bifurcated arm D hinged to the iron F, and weighted arm *a'*, substantially as described, and for the purpose set forth.

2. The board C, sliding in grooves in the elevated portion *m*, and having the hinged bar *d*, in combination with the hinged arm D, iron F, weighted arm *a'*, and guide-rod *t*, substantially as described, and for the purpose set forth.

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Witnesses:

CHARLES DANDS,  
A. H. EDWARDS.