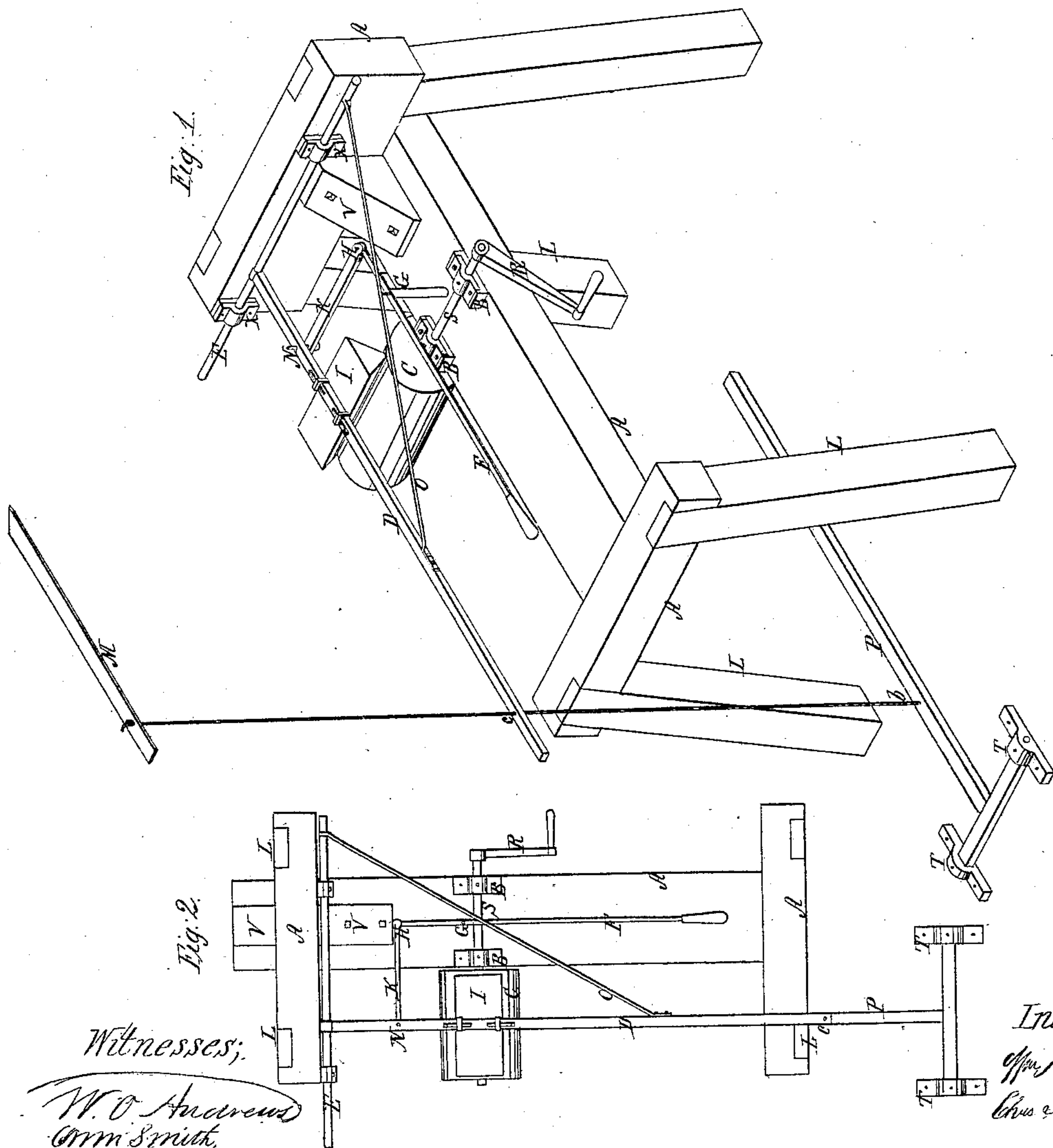


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*N<sup>o</sup> 44,765.*

*Patented Oct. 18, 1864.*



# UNITED STATES PATENT OFFICE.

WILLIAM H. BOVEE AND CHARLES PARTINSKY, OF SAN FRANCISCO, CAL.

## IMPROVED IRONING-MACHINE.

Specification forming part of Letters Patent No. 44,765, dated October 18, 1864.

*To all whom it may concern:*

Be it known that we, WILLIAM H. BOVEE and CHARLES PARTINSKY, of the city and county of San Francisco, State of California, have invented a new and Improved Ironing and Polishing Machine for Ironing and Polishing Collars, Bosoms, and Wrist-bands; and we do hereby declare that the within is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, in which—

Figure 1 is a perspective view of the machine. A A A A represent the frame. L L L L represent the legs. *c* is the cylinder. D is the adjustable bar attached to the iron heater-box I, and fastened to the rod E. F is a lever resting on the pivot G, and connects at H with the bar K, which is attached to the adjustable bar D by bolt N. O is a brace-rod. P is the treadle-bar, which is attached to the rollers T T and fastened to the floor. R is the cylinder-shaft handle. S is the cylinder-shaft. B is the box. X X are boxes. M is a spring-bar fastened to the ceiling and connected with the adjustable bar D by means of an elastic cord, C. J is the spring-bar cord. V is a knee which strengthens the frame. Fig. 2 is a sectional view of the machine.

The nature of our invention consists in providing an ironing and polishing machine worked by machinery or by hand, imparting to the linen to be ironed a smooth, uniform, and glossy appearance.

This machine is adapted more especially to the ironing and polishing of collars, wrist-bands, and bosoms, and will accomplish more labor with greater rapidity and much neater

than by methods now in use. With two inexperienced hands with this machine we can perform more labor in a given time than three skilled hands are able to accomplish in the same time with the ordinary irons now in use, thereby saving one hand.

To enable others skilled in the art to make and use our invention, we will proceed to describe its construction and operation.

We construct the frame of wood bolted together. The cylinder-roller we also construct of wood, smoothed and polished. The iron I we construct of iron or steel with polished flue. The shafts F and S are made of iron. The bars D and F are made of wood or iron, as the case may be. The treadle P and rollers I I are made of wood; C, elastic cord; J, cable cord.

The linen to be polished should be well starched with the common laundry-starch, a heated iron placed on the polishing-box I, and the linen placed upon the cylinder *c*, which is made to revolve with a slow motion, while the amount of pressure is governed by the treadle P until the desired polish is accomplished.

What we claim, and desire to secure by Letters Patent, is—

The combination of the rotary horizontal cylinder *c* with the adjustable bar D, as operated by the lever F and the smoothing-iron I, substantially as and for the purpose herein specified and set forth.

WM. H. BOVEE.  
CHAS. PARTINSKY.

Witnesses:

C. W. M. SMITH,  
W. O. ANDREWS.