W. Jones, Ironing Mach.

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PATENTED JUN 28 1870

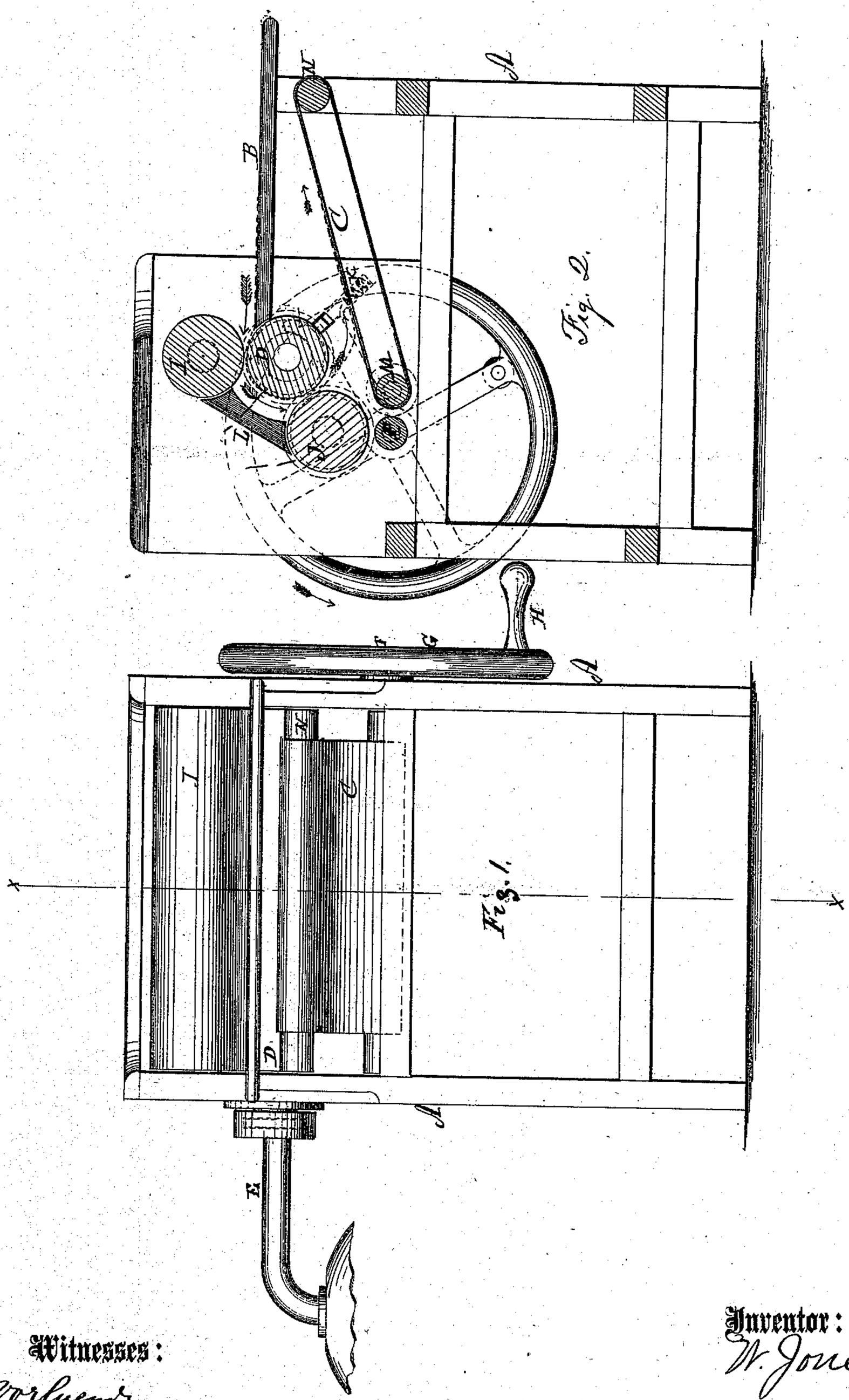

Fig. 2.

Fig. 1.

Witnesses:

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UNITED STATES PATENT OFFICE.

WILLIAM JONES, OF OSHKOSH, WISCONSIN.

IMPROVED IRONING-MACHINE.

Specification forming part of Letters Patent No. **104,740,** dated June 28, 1870.

To all whom it may concern:

Be it known that I, WILLIAM JONES, of Oshkosh, in the county of Winnebago and State of Wisconsin, have invented a new and useful Improvement in Ironing-Machine; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing, forming part of this specification.

This invention relates to an improvement in ironing-machines; and it consists in the combination and arrangement of the various operative parts with each other and a steam apparatus, as hereinafter specified.

In the accompanying drawing, Figure 1 is a front elevation of the machine. Fig. 2 is a vertical section of Fig. 1 on the line *x x*.

Similar letters of reference indicate corresponding parts.

A is the frame. B is the table, from which the clothes to be ironed are fed into the machine. C is a revolving apron, by which the clothes are delivered from the roller. D is a hollow roller, to one end of which a steam-pipe, E, is attached. The other end of the pipe is connected with a steam-generator, as indicated in the drawing. The opposite end of the roller is closed by a pinion, which engages with a system of gearing, by means of which the rolls are revolved from the driving-shaft F by means of the fly-wheel G and crank-handle H.

The steam-roller D is pressed against the upper roller, I, and the rack-roller J (between which rollers the cloth is ironed or smoothed) by the spiral springs K, which act upon the journal-boxes of that roll.

L is a curved plate between the rollers I and J, which serves to guide the cloth down between the rollers D and J. The course the cloth travels in passing through the machine is plainly indicated by the arrows.

M and N are the apron-rollers, the lower one of which is actuated directly by the gearing, while the upper one, N, is revolved by the friction of the apron. It will be seen the arrangement of the apron is such that the articles which have been ironed by passing between the rollers are delivered directly beneath or at the end of the table B, and thus a single operator is able to both feed and remove the articles to be ironed.

The construction and operation of the machine are so plainly shown in the drawing that further description is deemed unnecessary.

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

The arrangement of the carrying-apron C (and its rolls M N) to deliver the clothes after being smoothed, in combination with table B, guide-rollers I J, curved plate L, and hollow roller D, provided with springs K, and connected with a steam apparatus, all as shown and described.

WILLIAM JONES.

Witnesses:
O. H. HARRIS,
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