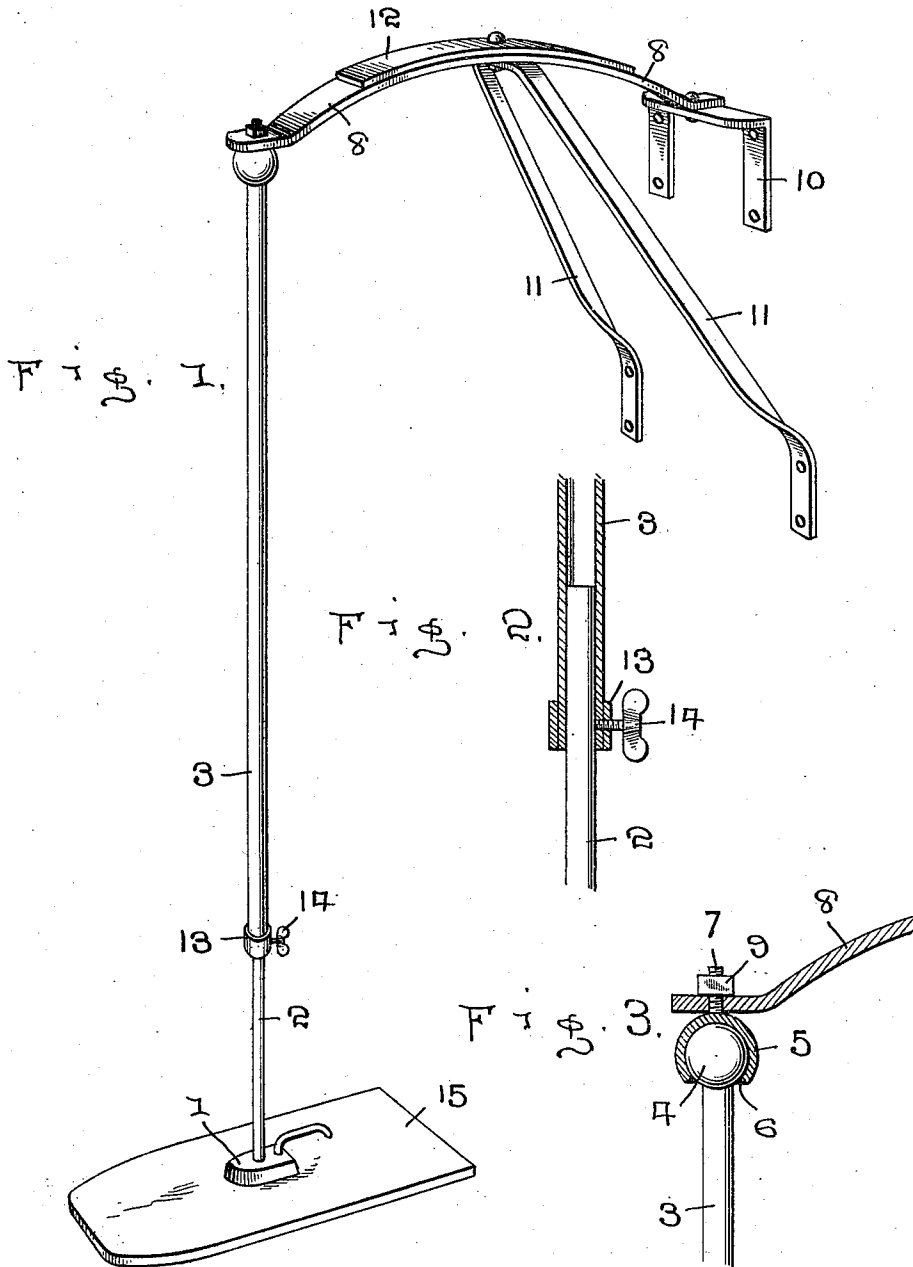


H. B. ROSE.
IRONING MACHINE.
APPLICATION FILED JUNE 28, 1910.

987,323.

Patented Mar. 21, 1911.



WITNESSES:

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UNITED STATES PATENT OFFICE.

HUBERT B. ROSE, OF TENINO, WASHINGTON.

IRONING-MACHINE.

987,323.

Specification of Letters Patent.

Patented Mar. 21, 1911.

Application filed June 28, 1910. Serial No. 569,393.

To all whom it may concern:

Be it known that I, HUBERT B. ROSE, a citizen of the United States, residing at Tenino, in the county of Thurston and State of Washington, have invented certain new and useful Improvements in Ironing-Machines; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to new and useful improvements in ironing machines and my object is to provide means for applying pressure on the iron as it is moved over the garments being ironed.

A further object is to provide means for attaching the pressure applying mechanism to an object.

A further object is to provide means for increasing the pressure on the iron.

A further object is to provide means for movably attaching the iron to the pressure applying mechanism, and,

A further object is to provide means for adjusting the iron vertically.

Other objects and advantages will be hereinafter referred to and more particularly pointed out in the specification and claim.

In the accompanying drawings which are made a part of this application, Figure 1 is a perspective view of the machine in its operative position. Fig. 2 is a detail sectional view showing the manner of adjusting the iron vertically, and, Fig. 3 is a detail sectional view showing the manner of pivotally attaching the sleeve to the pressure applying mechanism.

Referring to the drawings in which similar reference numerals designate corresponding parts throughout the several views, 1 indicates an iron, such as is commonly used for polishing shirt bosoms, collars, etc., and to said iron is attached a stem 2, the upper end of which extends into a tubular sleeve 3. The upper end of the sleeve 3 is provided with a ball 4, which fits in a socket 5, the opening 6 in said socket being such as to permit the sleeve to be rocked or swung in any direction. The socket 5 is provided with a shank 7, which projects upwardly through the end of a spring arm 8 and is secured thereto by means of a nut 9, said spring being adapted to apply downward pressure on the iron to hold the same in close

engagement with the article being ironed. The opposite end of the spring 8 is attached to a bracket 10, which bracket is in turn secured to a wall or other convenient point and in order to reinforce the spring, brace arms 11 are attached to the spring substantially at its longitudinal center, the opposite ends of the brace arms being attached to the wall to which the bracket is attached. If it is desired to increase the tension of the spring, additional leaves 12 may be supplied, as shown in Fig. 1.

The stem 2 is slidably mounted in the lower end of the sleeve 3 and in order to adjust the iron vertically to regulate the pressure thereof upon the article being ironed, a collar 13 is placed around the lower end of the sleeve, through which extends a locking bolt 14, said bolt when turned inwardly, binding upon and locking the stem within the sleeve.

In applying the device to use, the garment is placed upon a board 15 or other suitable object and the iron after being heated is attached to the tubular sleeve 3 and after properly adjusting the stem within the sleeve, the locking bolt 14 is tightened, thereby securing the iron to the sleeve. The iron is then placed upon the garment and moved back and forth thereover, pressure being applied thereto by the spring arm 8 and thus maintaining a pressure on the iron at all times. It will further be seen that by adding one or more leaves to the spring arm, the tension thereof may be increased, so that the iron will be more firmly held in engagement with the garment. It will further be seen that by providing the ball and socket for the sleeve, the iron may be moved in any direction, while in use and it will further be seen that the spring arm may be readily attached to a wall or other convenient place.

What I claim is:—

In an ironing machine the combination with an iron having a stem attached thereto, of a tubular sleeve adapted to receive said stem, a locking bolt adapted to bind against the stem to adjustably secure the stem in the sleeve, a ball at the upper end of the sleeve, a socket to receive said ball having a stem projecting therefrom, a curved spring arm, to one end of which the stem of the socket is secured, a stationary bracket to which the opposite end of the spring arm is secured, brace arms having their inner ends

anchored and their opposite ends secured to
the spring arm adjacent its longitudinal cen-
ter and a spring leaf fixed to the spring arm
and extending an equal distance on opposite
5 sides of its longitudinal center to increase
the tension of said spring arm.

In testimony whereof I have signed my

name to this specification in the presence of
two subscribing witnesses.

HUBERT B. ROSE.

Witnesses:

P. W. MORGAN,
NETTIE HUSTON.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents,
Washington, D. C."
