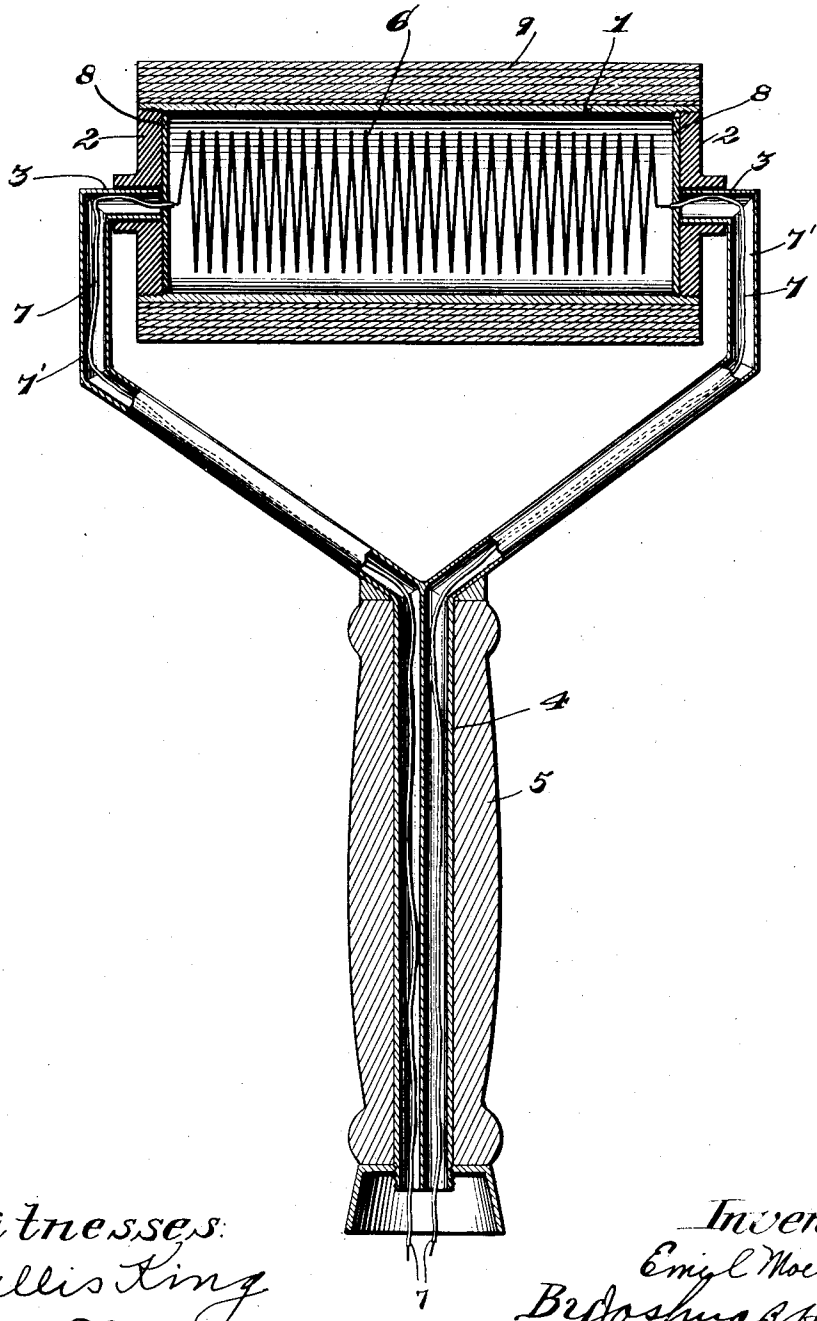
E. MOELLER.

MANGLE.

APPLICATION FILED JULY 23, 1917.

1,268,990. Patented June 11, 1918.



Witnesses:
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UNITED STATES PATENT OFFICE.

EMIL MOELLER, OF CHICAGO, ILLINOIS.

MANGLE.

1,268,990. Specification of Letters Patent. Patented June 11, 1918.

Application filed July 23, 1917. Serial No. 182,219.

To all whom it may concern:

Be it known that I, EMIL MOELLER, a citizen of the United States, and a resident of the city of Chicago, county of Cook and State of Illinois, have invented certain new and useful Improvements in Mangles, of which the following is a specification.

My invention relates to improvements in hand operated mangles designed for use in connection with the same character of work as the ordinary sad iron.

The object of my invention is the production of a device of this character which will be of extremely simple construction, one which may be readily and easily operated, and which will be highly efficient in use.

Other objects will appear hereinafter.

The invention consists in the combinations and arrangements of parts hereinafter described and claimed.

The invention will be best understood by reference to the accompanying drawing forming a part of this specification, and in which the figure is a substantially central section through a hand mangle embodying the invention.

The preferred form of construction, as illustrated in the drawing comprises a hollow metallic roller 1 having end pieces or heads 2 threaded into position. The end pieces 2 are formed with central openings with which engage spaced coaxial studs 3 provided at the bifurcated front end of a handle 4. The rearward end of said handle is provided with a suitable grip 5 which is adapted to be engaged by the operator in manipulating the device.

Arranged within the roller 1 is an electrical heating element 6 adapted when energized to effect heating of said roller. The conductor wires 7 coöperating with the terminals of the heating element 6 pass through the studs 3 and the handle 4, there being passages 7′ formed through said studs and handle for the accommodation of said conductor wires. The passages 7′ coöperating with the two conductor wires are entirely separate and independent of each other as seen, so as to insure against any short circuiting such as might otherwise result where the wires are brought in contact with each other. At the points of entry of the conductor wires into the interior of the roller, are provided closure members 8 through which said wires project, said closure members preventing the entry of any dust, dirt or foreign matter into the interior of the roller.

In using the device, it is only necessary to pass a current through the conductor wires 7 which will effect heating of the element 6 and hence the roller 1, the device being then manipulated by the hand to pass the roller over the article to be ironed. If desired, the periphery of the roller may be covered with a wrapping 9 of fabric or other suitable material. Because of the simplicity of operation, work may be rapidly and easily executed, and because of the simplicity of construction, there is little likelihood of the device becoming disabled.

While I have illustrated and described the preferred form of construction for carrying my invention into effect, this is capable of variation and modification without departing from the spirit of the invention. I, therefore, do not wish to be limited to the precise details of construction set forth, but desire to avail myself of such variations and modifications as come within the scope of the appended claim.

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

A hand operated mangle comprising a handle; a hollow roller rotatably supported by said handle; an electrical heating element arranged in said roller; electrical conductor wires coöperating with said heating element, said roller having openings at its ends for the entrance of said conductor wires; and closures at the inner sides of said openings through which said conductor wires pass, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

EMIL MOELLER.

Witnesses:
JOSHUA R. H. POTTS,
HELEN F. LILLIE.