

H. W. POGUE.
 GREASING IRON.
 APPLICATION FILED MAR. 21, 1912.

1,055,793.

Patented Mar. 11, 1913.

2 SHEETS—SHEET 1.

Fig. 1.

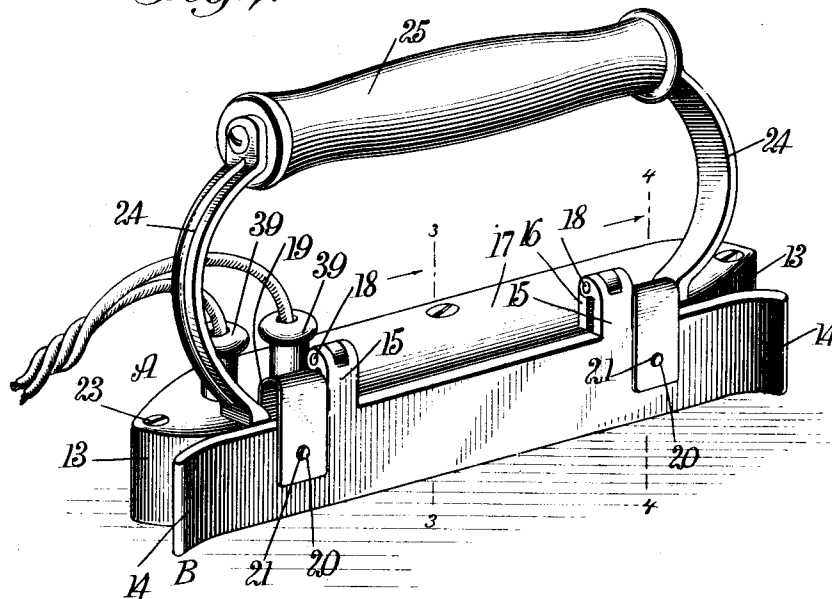
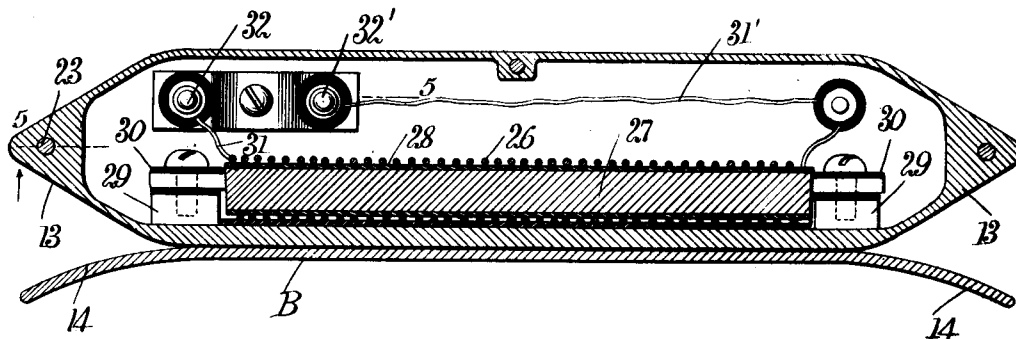


Fig. 2.



WITNESSES

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2 SHEETS—SHEET 2.

Fig. 3.

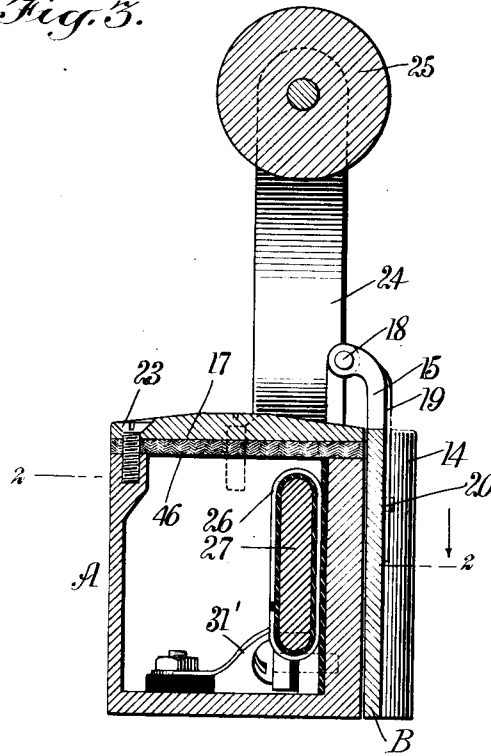


Fig. 4.

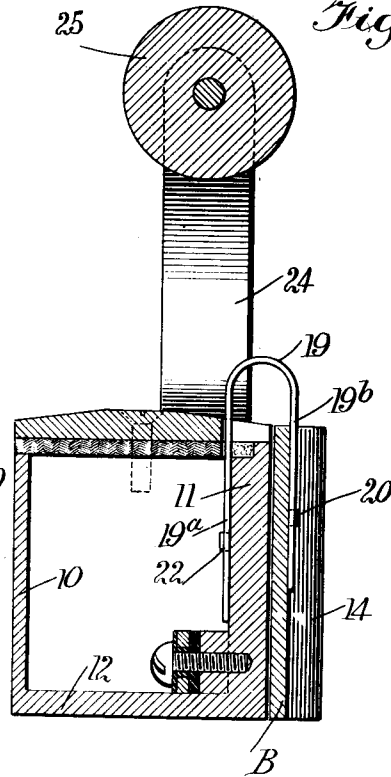
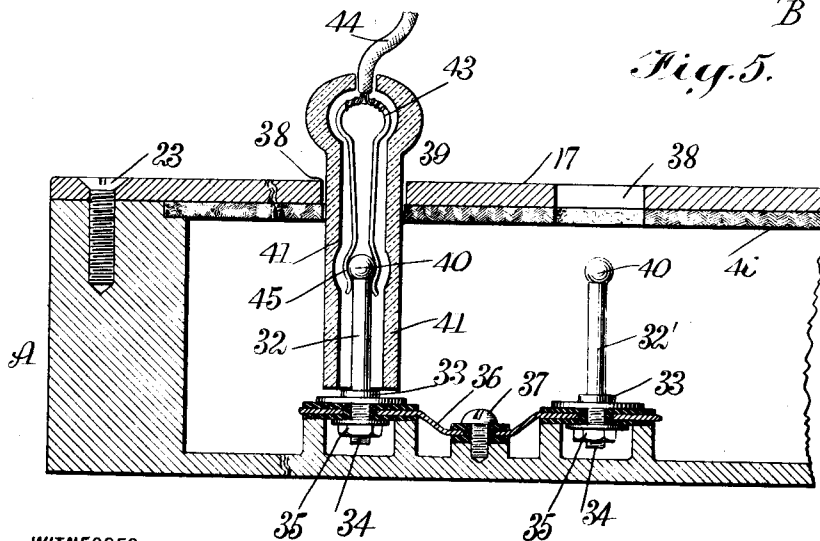


Fig. 5.



WITNESSES

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HENRY W. POGUE, OF DECATUR, ILLINOIS.

CREASING-IRON.

1,055,793.

Specification of Letters Patent.

Patented Mar. 11, 1913.

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To all whom it may concern:

Be it known that I, HENRY W. POGUE, a citizen of the United States, and a resident of Decatur, in the county of Macon and State of Illinois, have invented a new and Improved Creasing-Iron, of which the following is a full, clear, and exact description.

My invention relates generally to creasing irons and more particularly it is directed to a new and improved construction especially adapted for creasing clothing, such as trousers, coats, or other wearing apparel.

The principal object of my invention is to provide a creasing iron of simple construction and light in weight, whereby it may be easily carried around for use in different places, the construction and arrangement being such that an efficient article may be provided at low cost.

A further object of my invention is to provide a creasing iron made up of two juxtaposed elements, a body member provided with means whereby the side wall thereof may be heated, together with a shoe resiliently held adjacent the heated side wall, the operation being such that the material to be creased is passed between the heated wall and the shoe.

A further object of my invention is to provide a creasing iron made up of a heated member and a cooperating shoe, the side wall of the heated member which cooperates with the shoe being smoothly finished on its outer side, whereby material passed between the said wall and the shoe may be efficiently creased.

Other objects and advantages of the invention will appear as the description thereof proceeds, the new and useful features being particularly pointed out in the appended claims.

Reference is to be had to the accompanying drawings forming a part of this specification in which similar characters of reference denote corresponding parts in all the views, and in which—

Figure 1 is a perspective view of the iron; Fig. 2 is a horizontal sectional view thereof, along the line 2—2 of Fig. 3; Fig. 3 is a vertical sectional view along the line 3—3 of Fig. 1; Fig. 4 is a vertical sectional view along the line 4—4 of Fig. 1; Fig. 5 is a partial vertical sectional view on the line 5—5 of Fig. 2.

The creasing iron is made up essentially of two cooperating elements, a main body

member, which may be designated A, and a shoe, which may be designated B, the parts being pivotally and resiliently held in juxtaposed relation, as shown particularly in Fig. 1.

Referring particularly to Figs. 3 and 4, the main body member A is preferably of integral construction comprising side walls 10, 11, and a bottom wall 12, the side walls, at their ends, curving toward each other, whereby tapering portions 13 are provided, the shoe B which lies adjacent the thickened side wall 11 throughout the greater portion of its length having the end portions suitably curved so that these ends, together with the ends 13 of the main body member, form an efficient structure for guiding the material to be pressed into position between the body member and the shoe.

The shoe B is preferably provided with integral lugs 15, the outer ends of which cooperate with suitable upstanding lugs 16 carried by the cover 17 of the main body member, a pin 18 passing through the cooperating lugs, whereby the shoe is permitted movement relatively to the body member. It is desirable, however, that the shoe be retained resiliently adjacent the body member in order to provide a certain amount of movement when different thicknesses of material are passed between the shoe and the body member, and to this end springs 19, which are preferably of U-shape, are provided for engagement with each of the members, the construction being especially shown in Fig. 4. Each spring comprises the side portions 19^a, 19^b, suitably spaced in order to receive the shoe B and the thickened side wall 11 between them, the position of the spring being insured by providing bosses 20 on the outside of the shoe for engagement with suitable openings 21 in the side 19^b of the spring, the inside of the thickened wall 11 of the body member being provided with bosses 22 for engagement in suitable openings in the side portion 19^a of the spring. Thus it will be seen that the springs are maintained in proper relation but the engagement being a loose one, movement of the shoe relatively to the main body member is permitted, sufficient pressure being maintained between these parts so that the material passed between them may be suitably creased.

The main body member A is provided on its top side with the removable cover 17 be-

fore mentioned, the cover being suitably held in place by any means, such as screws or bolts 23 which engage in threaded openings in the walls of the body member. This cover is preferably integral with suitable uprights 24 to which a handle 25 is secured in any desired manner.

The heating of the thickened side wall of the main body member may be accomplished in various ways; a suitable heating coil in circuit with a source of electrical supply may be used, or a gas flame may be employed, or, in fact, any flame maintained by the combustion of different suitable liquids; as shown in the drawings, the preferred method of heating the iron is the electric current, the construction of the parts whereby the iron is adapted to such heating source being now set forth.

Contained within the main body member A and closely adjacent the side wall 11 is a heating coil 26 mounted on a suitable support 27 which may be provided with an intermediate insulating portion 28; the coil is carried on suitable studs 29, preferably integral with the main body member, it being noted that suitable insulation 30 is provided between the stud, which is preferably of metal, and the member which carries the heating coil. One end 31 of the heating coil is connected to the upwardly extending post 32, the other end 31' of the heating coil being connected to a second upright post 32', these posts serving to convey the current from suitable plugs removably held in engagement therewith, the plugs being connected to a source of supply.

Referring particularly to Fig. 5 it will be noted that the posts 32, 32' are provided with a shoulder 33 intermediate of their length, the lower end of the post being threaded, as at 34, being thereby adapted to receive a removable nut 35. Each of the posts is carried by a suitable support 36 in engagement with the main body member by means of a removable screw 37, the parts being insulated, the post being also insulated from each other and from the body member itself. The cover 17 of the body member is provided with a plurality of openings 38, the openings being directly over the posts 32, 32' and being adapted to receive suitable plugs coming into engagement with the posts, it being noted that the upper ends of the posts are spherical, as shown at 40. Each plug 39 preferably comprises two similar pieces 41, made preferably of porcelain and suitably held together in any manner, preferably by means of a ferrule 42, the interior of the porcelain parts, when they are together, forming a chamber which retains the contact member 43 in electrical contact

with a conductor 44 which extends to one side of the source of supply. The contact members 43 are preferably made of resilient material and the lower ends thereof are suitably bent in order to form the equivalent of a pocket 45 so that, when the plugs are inserted in the openings 38, the posts will pass up into the interior of the lugs and into electrical contact with the resilient members 43. In order to conserve the heat within the body member, the bottom of the cover 17 is preferably provided with an asbestos lining 46; in order to provide for efficient creasing or ironing of the material passed between the body member and the shoe, the adjacent faces of these parts are smoothed or polished, thereby tending to produce the best results.

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

1. A creasing iron comprising a body member having a thickened side wall, a heating device carried by the body member closely adjacent the said side wall, whereby the same may receive the greater portion of the heat, a shoe movably mounted on the body member closely adjacent the exterior of the said side wall, together with resilient means engaging the body member and the shoe whereby they are held adjacent each other.

2. A creasing iron comprising a hollow body portion, one side wall thereof being thickened, a heating device within the body portion and closely adjacent the thickened side wall, a shoe adjacent the outer side of the said side wall, the shoe being pivotally mounted on the body portion, together with U-shaped springs engaging the shoe and the body portion whereby the parts are held closely adjacent, the juxtaposed faces of the side wall and the shoe being smoothed, whereby they are adapted to receive and crease articles of clothing.

3. A creasing iron comprising a body member having a heating device positioned therein, the heating device being closely adjacent one side wall, a shoe movably mounted on the body member, closely adjacent the exterior of the said side wall, together with a spring engaging the body member and the shoe, whereby these parts are held adjacent each other.

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

HENRY W. POGUE.

Witnesses:

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