No. 762,631. PATENTED JUNE 14, 1904.

G. F. HARTIG.

PUFFING IRON.

APPLICATION FILED MAY 27, 1903.

NO MODEL.

Fig. 1.

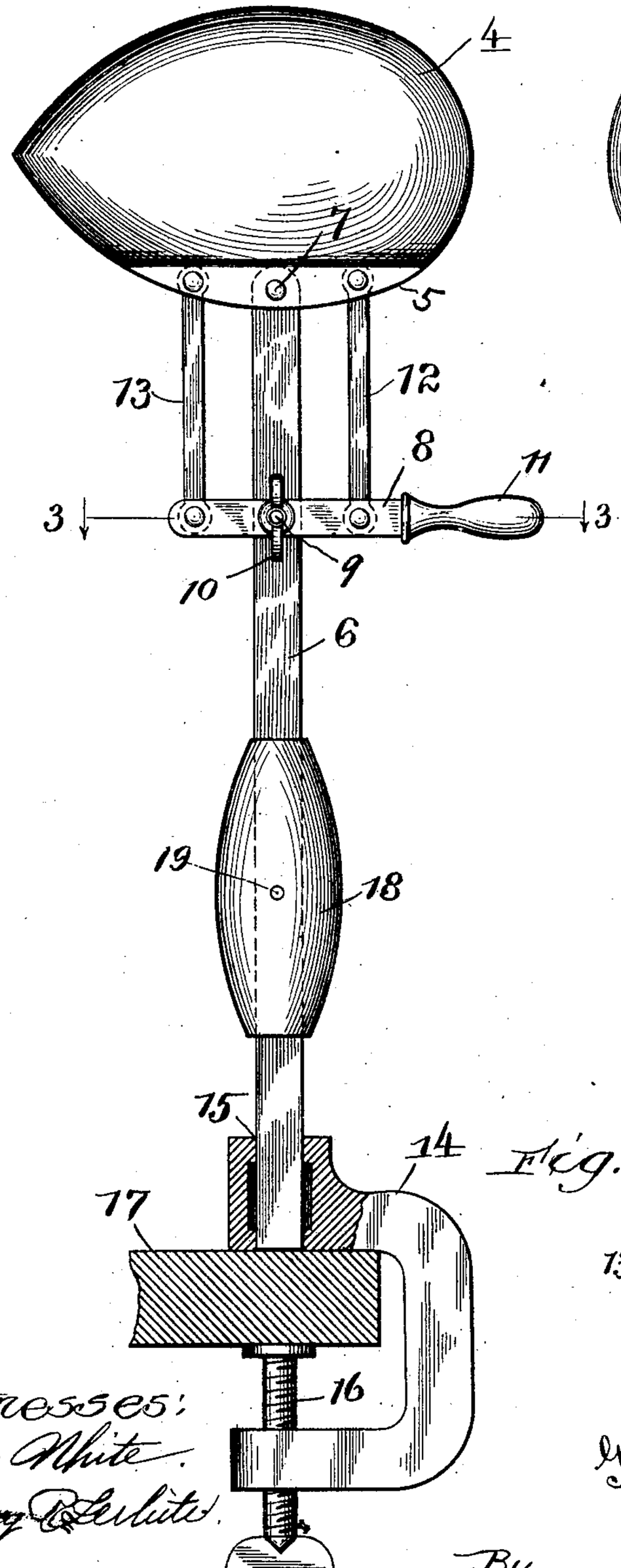


Fig. 2.

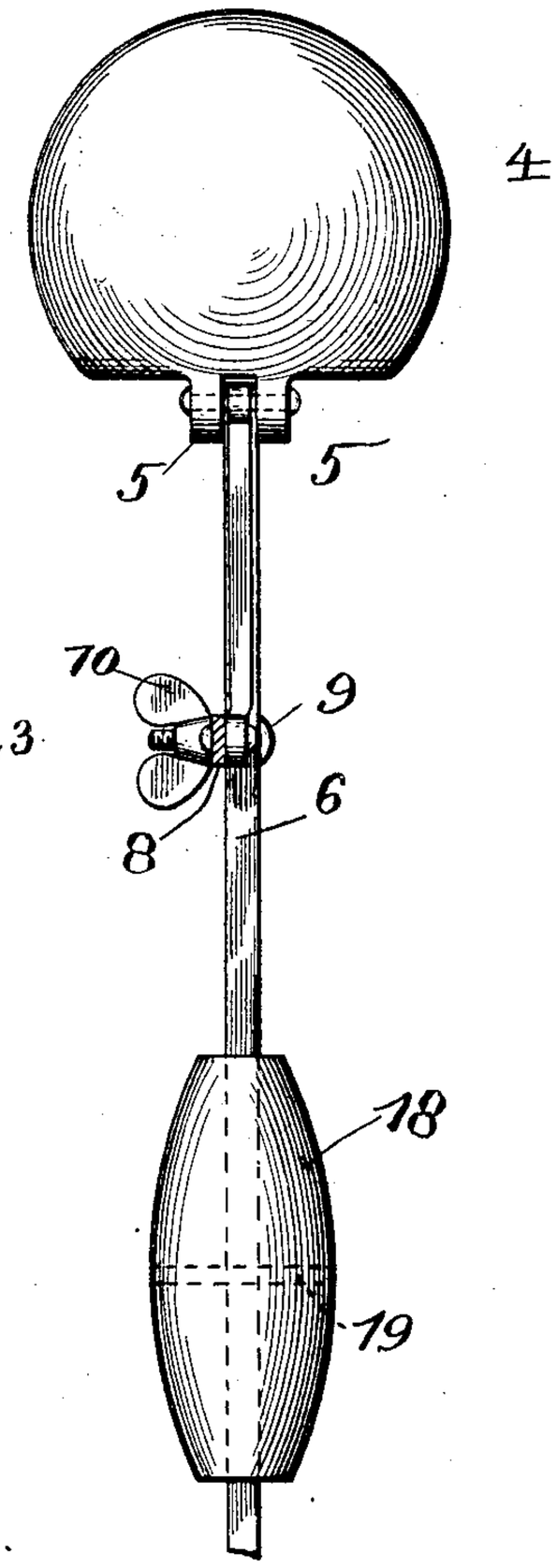
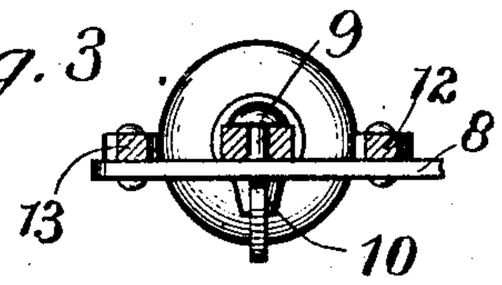


Fig. 3.



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No. 762,631. Patented June 14, 1904.

UNITED STATES PATENT OFFICE.

GEORGE F. HARTIG, OF CHICAGO, ILLINOIS.

PUFFING-IRON.

SPECIFICATION forming part of Letters Patent No. 762,631, dated June 14, 1904.

Application filed May 27, 1903. Serial No. 158,925. (No model.)

To all whom it may concern:

Be it known that I, GEORGE F. HARTIG, of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Puffing-Irons; and I hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, which form part of this specification.

My invention relates to improvements in puffing-irons adapted to iron the puffs and gathers of sleeves and other portions of apparel which cannot be easily ironed with the ordinary sad-iron.

One object of my invention is to provide an ironing device of the character described the head of which is capable of being adjusted to various positions with relation to its relatively stationary supporting means to enable the operator to most conveniently use the iron.

A further object is to generally improve the construction of ironing devices of the character indicated.

In the drawings wherein my invention is illustrated, Figure 1 is a side elevation of a puffing-iron constructed in accordance with my invention and supported upon a table ready for operation. Fig. 2 is an edge elevation of a portion of the iron. Fig. 3 is a section on line 3 3 of Fig. 1.

Referring now to the drawings, 4 indicates the ironing-head, substantially of egg shape in outline, rounded at one end and tapering at its other end to an obtuse point. The lower portion of the head 4 is provided with two parallel longitudinally-disposed ribs 5 5, preferably formed integral therewith and suitably spaced apart.

6 indicates a supporting rod or standard the upper end of which is pivoted at 7 between the ribs 5 5 about midway of the length of the head 4.

8 indicates a lever pivotally mounted intermediate its ends upon a screw 9, extending through the standard 6. The screw 9 is provided with a nut (preferably a butterfly thumb-nut) 10, arranged to be loosened to permit the lever 8 to turn upon its pivot for adjustment or when tightened to hold the lever fixed in its adjusted position. The lever 8 at one end terminates in a suitable handle 11, preferably of wood or other material which is a poor conductor of heat.

12 and 13 indicate two stiff links pivotally connected in parallel arrangement at their upper and lower ends, respectively, to the ironing-head 4 and the lever 8 upon opposite sides of the pivot-screw 9. It will be apparent, therefore, that as the handle 11 is raised or lowered the front or pointed end of the head 4 will be correspondingly depressed or elevated, the head turning upon its fixed pivot 7.

The standard 6 is removably supported in a socket 15 in the base portion of clamp 14, provided with an adjustable thumb-screw 16, whereby it may be attached to a table or other suitable support 17.

18 indicates a handle of wood or other suitable material of low heat conductivity suitably secured to the standard 6, as by a pin 19. The operation of my device is as follows: The iron and its standard are removed from the socket, and the head 4 is heated in the usual manner. The iron is then replaced with its standard in its socket 15 of clamp 14, the non-conducting handle 18 serving to protect the hand of the user against the heat of the standard.

It will be understood that the function of irons of this type is to iron out the gathers or puffs of sleeves and like parts of garments which are inaccessible to the ordinary iron. The material to be ironed is drawn by the operator over the iron, which remains stationary, the round or pointed end being used, according to the shape of the parts to be ironed. If it is desired to use the point to iron into small ruffles, flutings, or puffs or the like, the thumb-nut 10 is loosened and the handle 11 depressed, thereby elevating the link 13, and consequently the pointed end of the iron. The thumb-nut is then reset to hold the parts in their adjusted position. If it is desired to elevate the rounded end of the iron for use, the handle 11 is raised and secured in such position by its nut. It will thus be seen that I provide for an adjustment of the iron with

reference to its relatively fixed standard to enable the iron to be most conveniently used by the operator.

Having thus described my invention, what I claim, and desire to secure by Letters Patent of the United States, is—

1. In a puffing-iron the combination with a standard, of a head pivoted thereto to tilt thereon, and means for securing the head in various positions.

2. In a puffing-iron, a standard, an ironing-head pivoted thereto to tilt thereon, means for moving said head upon its pivot for adjustment relative to its standard, and means for securing the head in adjusted position.

3. In a puffing-iron, a standard-support, an ironing-head pivotally mounted thereon, a lever pivotally mounted on the standard, a link connecting one end of said lever and the ironing-head, and means for securing the lever in adjusted positions of rotation about its pivot.

4. In a puffing-iron the combination with a vertical standard, an ironing-head pivotally mounted upon the upper end thereof, a hand-lever pivoted to the standard and extending transversely of said standard below the head, and link connection between said head and lever on opposite sides of the standard.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

GEORGE F. HARTIG.

In presence of—
LOUIS SOMMER,
BERNARD O. KRIEWITZ.