

No. 723,192.

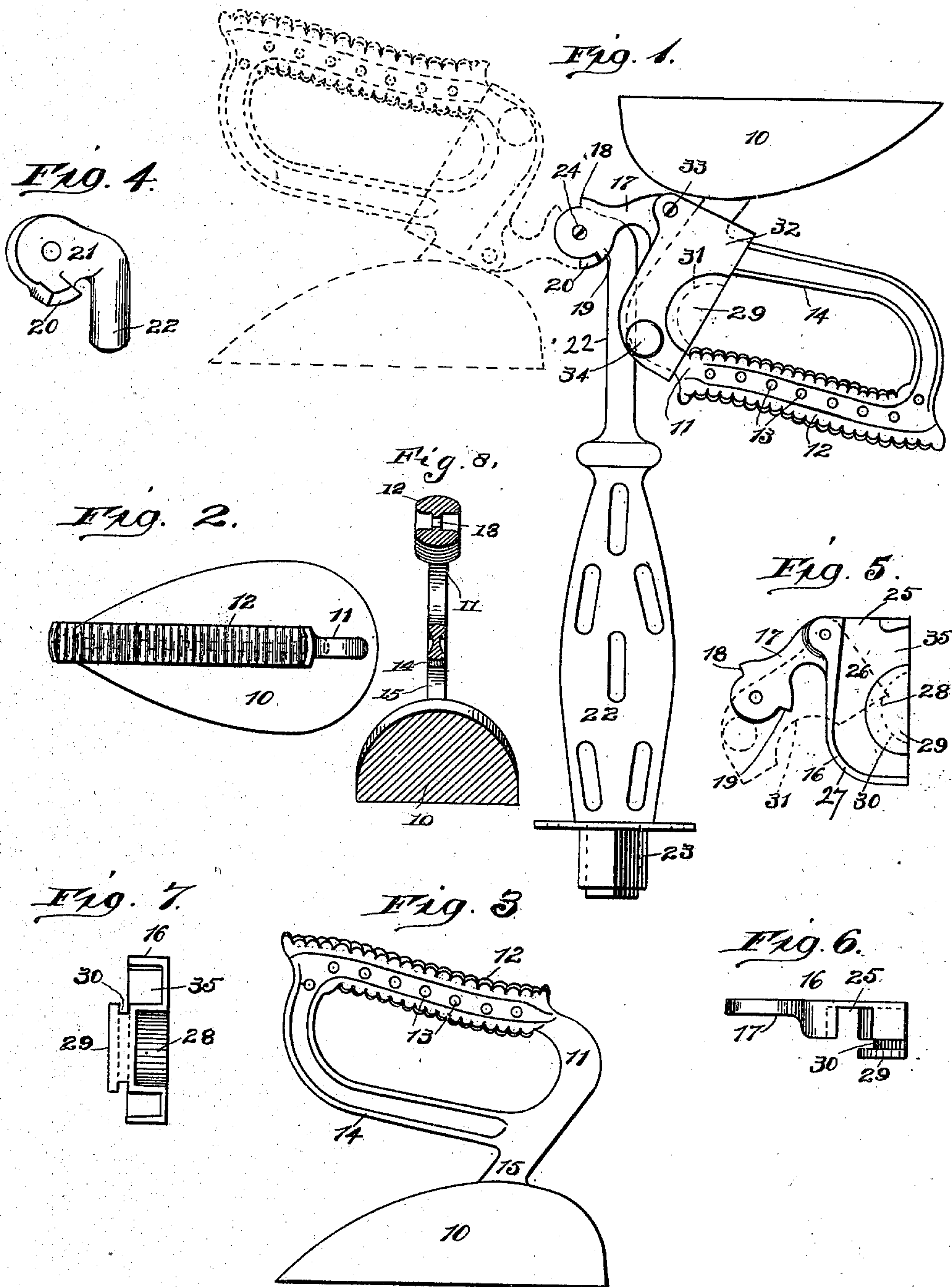
PATENTED MAR. 17, 1903.

G. B. BENNS.

APPARATUS FOR SMOOTHING AND IRONING FABRICS.

APPLICATION FILED JUNE 9, 1902.

NO MODEL.



Witnesses:

Chas. E. Gordon
A. Gustafson

Inventor:

George B. Bennis.
By Chas. C. Gillman.
Atty.

UNITED STATES PATENT OFFICE.

GEORGE B. BENNS, OF CHICAGO, ILLINOIS, ASSIGNOR OF TWO-THIRDS TO WILLARD B. GRAVES AND FRANK MELLISH, OF CHICAGO, ILLINOIS.

APPARATUS FOR SMOOTHING AND IRONING FABRICS.

SPECIFICATION forming part of Letters Patent No. 723,192, dated March 17, 1903.

Application filed June 9, 1902. Serial No. 110,802. (No model.)

To all whom it may concern:

Be it known that I, GEORGE B. BENNS, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Apparatus for Smoothing and Ironing Fabrics, of which the following is a specification.

This invention relates to improvements in an iron and support therefor; and it consists in certain peculiarities of the construction, novel arrangement, and operation of the various parts thereof, as will be hereinafter more fully set forth and specifically claimed.

The principal object of my invention is to provide an iron which may be employed by tailors, dressmakers, dyers, and laundrymen for ironing ruffles, plaited garments, and shirings, for stretching and fitting waists, for steaming plush, velvet, silk, and the like, and for ironing the inside of sleeves for puffing, and for doing various other laundry-work, which shall be simple and inexpensive in construction and effective and satisfactory in operation.

Another object of the invention is to so construct the handle portion of the iron that it will be kept cool to a great extent and shall be of such shape that it may be firmly secured in the holder on the support, so that the position of the iron may be reversed.

Other objects and advantages of the invention will be disclosed in the subjoined description and explanation.

In order to enable others skilled in the art to which my invention pertains to make and use the same, I will now proceed to describe it, referring to the accompanying drawings, in which—

Figure 1 is a view in elevation of the iron and support, showing by continuous lines the parts in position to be used for steaming and smoothing various kinds of fabrics and by dotted lines the position of the parts when to be used on ruffles and for ironing plaited garments and for stretching and fitting waists. Fig. 2 is a plan view of the iron detached from its support. Fig. 3 is a view in side elevation thereof. Fig. 4 is a perspective view of the upper portion of the supporting-standard. Fig. 5 is a detached view, in side eleva-

tion, of the iron-handle holder, showing the pivoted rocking plate thereof removed. Fig. 6 is a plan view thereof. Fig. 7 is an edge view in elevation of the same, and Fig. 8 is a cross-sectional view taken through the iron and its handle.

Like numerals of reference refer to corresponding parts throughout the different views of the drawings.

The numeral 10 represents the body of the iron, which is preferably made of the shape shown in the drawings—that is, with its bottom surface smooth and flat, but substantially pear-shaped in outlines. The upper portion of the body 10 is rounded and tapers to a point at the front thereof, as shown.

The upper portion of the body or iron 10 is provided with a link-like handle 11, the upper member or portion 12 of which is corrugated on its top and bottom and is provided with a series of perforations 13 to render the handle partially non-heat conducting. The lower member or portion 14 of the handle 11 is grooved on each of its sides for the same purpose. The neck 15 or that portion of the handle connected to the body or iron 10 is preferably rectangular in cross-section to fit in a similarly-shaped recess in the handle-holder, as will be presently explained. The said holder comprises a piece or casting 16, which has a deflected arm 17, provided with projections 18 and 19 to engage opposite sides of the lug 20, which extends laterally from the head 21 of the supporting-standard 22, which may be made of any suitable size, form, and material and preferably has its lower end squared to fit in a socketed base-piece 23, which may be secured to a table or other suitable support. (Not shown.) The arm 17 on the iron-handle holder 16 is pivotally secured to the head 21 or upper portion of the supporting-standard by means of a screw 24 or otherwise.

As is clearly shown in Figs. 1, 5, 6, and 7 of the drawings, the holder 16 is provided in its upper end when in the position shown by continuous lines with an opening or recess 25, which communicates with a curved channel or recess 26, one of the curved walls of which is formed by a flange 27 and the other curved wall by a flange 28, which has on its end a

segmental head 29, provided with a segmental groove 30 to receive the curved portion 31 of the locking-plate 32, which is pivotally secured to the holder 16 by means of a screw 33 or otherwise. The locking-plate 32 has on its lower portion a knob or button 34 to be used for turning the same, so as to lock the handle of the iron in the holder 16 therefor or to release it when desired.

From the foregoing and by reference to the drawings it will be clearly understood and seen that by placing the handle 11 of the iron so that the portion 15 thereof will fit in the opening or recess 25 and so that the member 14 will lie in the opening 35 of the curved channel, while the curved end of the handle 11 will be located in the curved channel or recess 26, the iron and its handle may be securely held in place by turning the locking-plate 32, so that it will engage with its curved portion the groove 30 in the head 29 of the handle-holder. To release the iron and its handle, the locking-plate is turned on its pivot, so as to disengage its curved portion from the groove 30, as is apparent. When secured in the holder as above described, it is evident that the parts may be placed in the position shown by continuous lines in Fig. 1 of the drawings, in which positions they will be held by reason of the projection 19 coming in contact with one side of the lug 20, when the iron may be employed for steaming, smoothing, and otherwise treating fabrics or garments. By turning the parts to the positions shown

by dotted lines in Fig. 1 of the drawings it is obvious that the upper surface of the body of the iron may be used on ruffles and for the inside of sleeves and for stretching and fitting fabrics and garments, while the pointed end of the iron will be advantageously employed for ruffles and plaits.

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

1. The combination with the supporting-standard, of the iron-handle holder pivotally secured thereto and provided with means to limit its movement, said holder comprising a piece having an opening to receive the handle of the iron, and a locking-plate pivotally secured to the holder to secure the handle in position, substantially as described.

2. The combination with the supporting-standard having on its upper portion a laterally-projecting lug, of the iron-handle holder pivotally secured to the end of the supporting-standard and provided with projections to engage said lug, said holder comprising a piece having a three-way opening to receive the portions of the handle of the iron, and a locking-plate pivotally secured to the holder to retain the handle in position, substantially as described.

GEORGE B. BENNS.

Witnesses:

CHAS. C. TILLMAN,
A. GUSTAFSON.