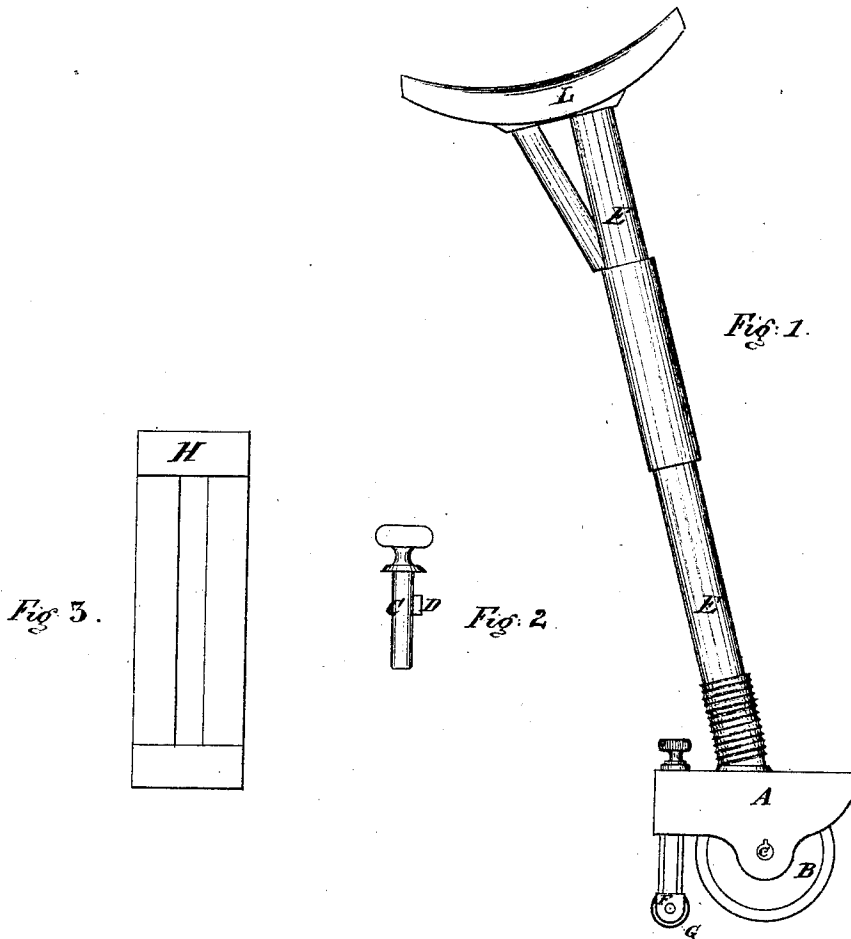


CHARLES GERNERT.

Improvement in Apparatus for Stamping Wearing-Apparel, &c.

No. 113,999.

Patented April 25, 1871.



Witnesses:

Franklin E. Felton
Edgar L. Thomson

Inventor:

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CHARLES GERNERT, OF PHILADELPHIA, PENNSYLVANIA.*

Letters Patent No. 113,999, dated April 25, 1871.

IMPROVEMENT IN APPARATUS FOR STAMPING WEARING-APPAREL, &c.

The Schedule referred to in these Letters Patent and making part of the same.

I, CHARLES GERNERT, of the city of Philadelphia and State of Pennsylvania, have invented a new Mode and Apparatus for Stamping and Impressing Cloth, Wearing-Apparel, and Textile Fabrics by Ironing, of which the following is a description, reference being had to the accompanying drawing, in which—

Figure 1 represents a side elevation of my ironing apparatus;

Figure 2 is the lock-key; and

Figure 3 represents the guide-frame.

A is a frame or bed-plate, recessed on its under side, and within which recess is inserted a detachable wheel or revolving disk, B, keyed or otherwise fastened to said frame. On the periphery or outer surface of the revolving disk are engraved, chased, or carved any suitable design, figures, and ornamentation, and when used said disk is heated to any requisite degree like an ordinary flat-iron.

C is a lock-key that secures the revolving disk in its proper position, and serves as the axle on which the disk revolves.

On the spindle of the lock-key is affixed the lug D, which, by a semi-revolution of the key, firmly locks it. The handle of the lock-key may be made of wood, or other non-conducting substance, to protect the operator from being burned.

E is an adjustable standard secured to the rear part of the frame, and capable of being rotated at will, as required, in the operation of ironing.

From the base of the standard project downward the flanges F F, into which is pivoted, at each extremity, the roller G, which rotates in the intermediate recess between said flanges. This roller is made of wood or other suitable material, and may be covered with flannel or other appropriate integument.

In ironing shirt-bosoms and similar fabrics the roller G traverses the guide-frame H, which rests upon or over the article to be ironed, and follows the movement of the revolving disk, and thus serves to smooth and hold in position the article that is being ironed.

If desirable, the roller and its supports may be

placed in the front part of the frame before the revolving disk, or two rollers may be used, stationed, respectively, before and behind the revolving disk.

Excepting for shirt-bosoms and similar fabrics the use of the smoothing-roller may be wholly dispensed with.

I is an adjustable handle for applying pressure to the ironing apparatus, and is so made as to be lengthened or contracted at pleasure. Its lower extremity fits into the socket K, or is otherwise secured to the frame A.

This handle is surmounted by a crutch-like shoulder-piece, L, which may be adjusted to the arm of the operator near the shoulder, thus enabling the operator to apply the weight of the body, or requisite pressure, to the apparatus and cause the disk B to stamp or impress the article or fabric subjected to the process of ironing.

Detachable rims, rings, or their equivalents, suitably engraved, carved, chased, or inscribed, may be provided, which can be adjusted to the revolving disk whenever required, to furnish variety and diversity of design, figures, or ornamentation. By the use of a revolving disk fabricated of wood and suitably engraved, carved, or inscribed, colored designs, figures, and ornamentation may be stamped or impressed on cloths or similar fabrics.

I claim as my invention—

An ironing apparatus for ornamentally stamping wearing-apparel, consisting of the frame or bed-plate A, the revolving disk B, the lock-key C, the adjustable standard E, the flanges F F, the roller G, the guide-frame H, and the handle I, surmounted by the crutch-like shoulder-piece L, or their equivalents, designed, arranged, constructed, and operating in the manner and for the purposes substantially as described.

CHARLES GERNERT.

Witnesses:

F. E. FELTON,
EDWARD R. MORRELL.

* Assignor to himself & Edward Kahre of same place.