

A. PARADIS.
 SHAPER FOR NECKBANDS OF SHIRTS.
 APPLICATION FILED NOV. 2, 1910.

995,170.

Patented June 13, 1911.

Fig. 1.

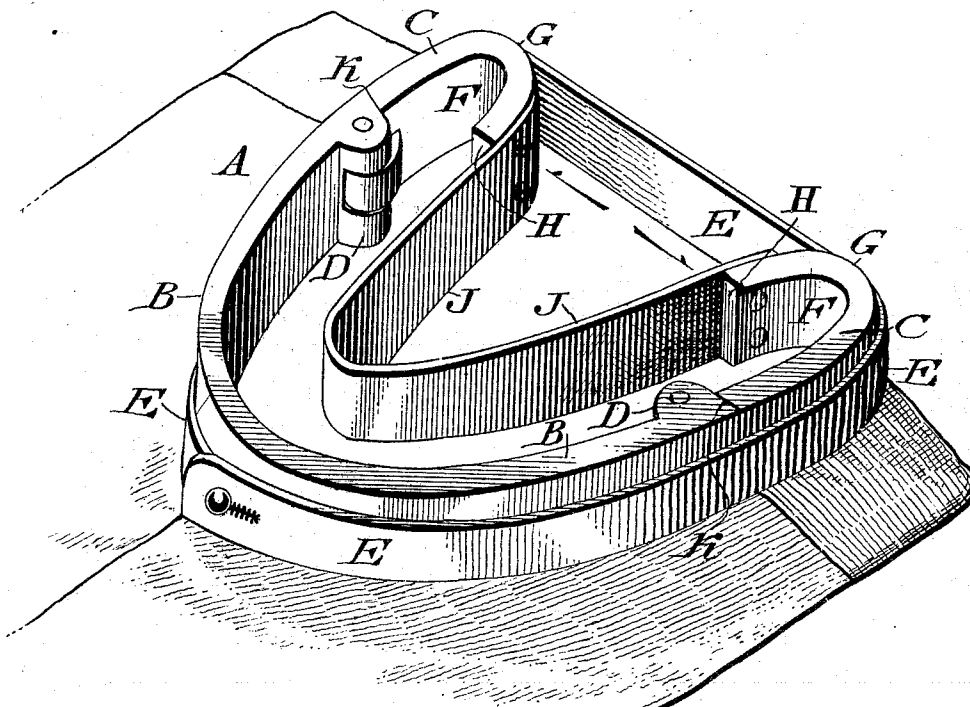
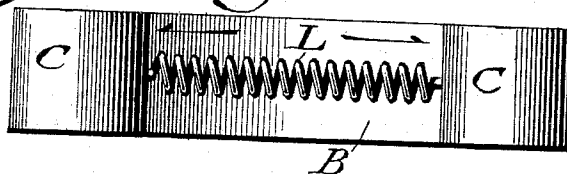


Fig. 2.



WITNESSES

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SHAPER FOR NECKBANDS OF SHIRTS.

995,170.

Specification of Letters Patent. Patented June 13, 1911.

Application filed November 2, 1910. Serial No. 590,265.

To all whom it may concern:

Be it known that I, ALBERT PARADIS, a citizen of the United States, residing in the city and county of Philadelphia, State of Pennsylvania, have invented a new and useful Shaper for Neckbands of Shirts, of which the following is a specification.

My invention consists of a shaper for the neck-band of a shirt, a waist, or other garment of similar classes, whereby said band may be properly controlled during laundrying and receive its proper form and admirably retain the same, the present construction adapting the shaper to present a firm support, while, however, being capable of yielding so as to be inserted properly in the band, and then expanding, whereby it will exert pressure outwardly on the band.

For the purpose of explaining my invention, the accompanying drawing illustrates a satisfactory reduction of the same to practice, but the important instrumentalities thereof may be varied, and so it is to be understood that the invention is not limited to the specific arrangement and organization shown and described.

Figure 1 represents a perspective view of a shaper embodying my invention. Fig. 2 represents a modification thereof, on a reduced scale.

Similar letters of reference indicate corresponding parts in the figures.

Referring to the drawings:—A designates a frame composed of the curved body or piece B of metal or other material, comparatively U-shape or elliptical and end members C, which latter are connected with the terminals of the body B by the hinges D, and flare therewith, when in operative position comparatively continuous of the U-shape of the body B so that the frame conforms to the desired contour of the neck-band E of a garment to which it is to be applied.

The members C are bent or deflected forming inwardly extending loops F, which provide finger pieces for drawing the members toward each other. While the bands E of the shirts are adapted to contact with the smoothly rounded surfaces of the bends G of said loops and the edges H of the inner limbs of the loops are removed from contact with said band and the fingers of the operator.

Connected with the loops F is the spring

J which is composed of a plate of resilient material or metal of V-shape, whose ends are screwed or otherwise secured to the inner limbs of the loops and whose main length projects inwardly from said limbs into the interior of the body B, so as to exert great power on the end members C of the device and effectively spread them apart against the contiguous portions of the neck-band.

The frame A and the spring J owing to their open shape permit the back portions of the shirt below the device to be seen through said members A J, whereby said portion may be smoothed out while locating the device on the neck band.

The operation is as follows:—The members C are pressed together when the body B is inserted into the neck-band and fitted closely against the contiguous portion thereof. Then the members are let go when the spring J forces the same outwardly or from each other and distends the contacting portion of the band and imparts to the entire band the shape or contour desired, said shape being retained during ironing, and preserved when the garment is ready for the market. The extreme outward or lateral motion of the end members C, is limited by the abutment of the opposite ends of said members and of the body B as at K, whereby the exterior walls of said members C and said body B are continuous and the shape of the device is preserved while being occupied by the neck band. When the members C are pressed together, the ends of the frame A are contracted and removed from contact with the portions of the neck-band which they occupied. Then the body B also may be removed from the contiguous portion of said band and the entire device lifted from the band, leaving the latter in fine workmanlike condition.

In lieu of the plate spring J, other forms of springs may be employed, such as coil spring L shown in Fig. 2, the same being secured to the end members C, and operating to spread the same and exert pressure thereon similar to said plate J.

In the present case, each of the hinges D have their knuckles formed respectively with the ends of the body B and members C as integral members thereof.

Having thus described my invention, what

I claim as new and desire to secure by Letters Patent, is:—

1. A shaper for a garment band as stated, composed of a rigid body and movable end members together of the form of said band, said members being connected by hinges with said body, and means engaging said members for exerting outward pressure thereon, the terminals of said rigid body and movable members being adapted to abut in the operative position of the same.

2. A shaper for a garment band as stated composed of a rigid comparatively U-shaped frame, the end members of which are movably hinged with the terminals of said frame, and a resilient device engaging said end members adapted to exert outward lateral pressure thereon.

3. A shaper for a garment band as stated composed of a rigid body of comparatively U-shape and end members movably connected with the terminals of said body forming together a comparatively U-shaped frame, a resilient device engaging said end members and adapted to exert outward lateral pressure thereon, and inwardly deflected loops on said end members said loops being curved continuities of said members.

4. A shaper for a garment band as stated composed of a rigid body of curved form and end members likewise of curved form continuous of the terminals of said body, hinges connected to the latter with the terminals of said body forming together a comparatively U-shaped frame, and a spring adapted to engage said end members and exert outward lateral pressure thereon.

5. A shaper for a garment band as stated composed of a rigid body and movable end

members, the exterior walls of said members and body being curved and adapted to be unbroken continuities of each other, hinges connecting said members with the terminals of said body forming together a comparatively U-shape frame, inwardly deflected loops on said members, and a resilient device connected with said end members adapted to exert outward lateral pressure thereon.

6. A shaper for the purpose described consisting of a rigid body of comparatively U shape, sections exteriorly continuous of the exterior curve of said body and adapted to be hinged to the terminals of said body, said sections when fully spread apart being adapted to abut said terminals, and a spring connected with said sections adapted to force the same in outward directions.

7. A shaper of the character stated composed of a rigid body of comparatively U shape, sections exteriorly continuous of the exterior curve of said body and adapted to be hinged to the terminals of said body, and a spring of comparatively V shape connected with said sections and extending therefrom into the interior of said body.

8. A shaper of the character stated consisting of a rigid body of comparatively U shape curved sections continuous of said body on the terminals thereof, hinges connecting said sections and body, said sections having inturned ends forming loops and a spring connected with said sections and extending from said loops into the interior of said body.

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Witnesses:

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