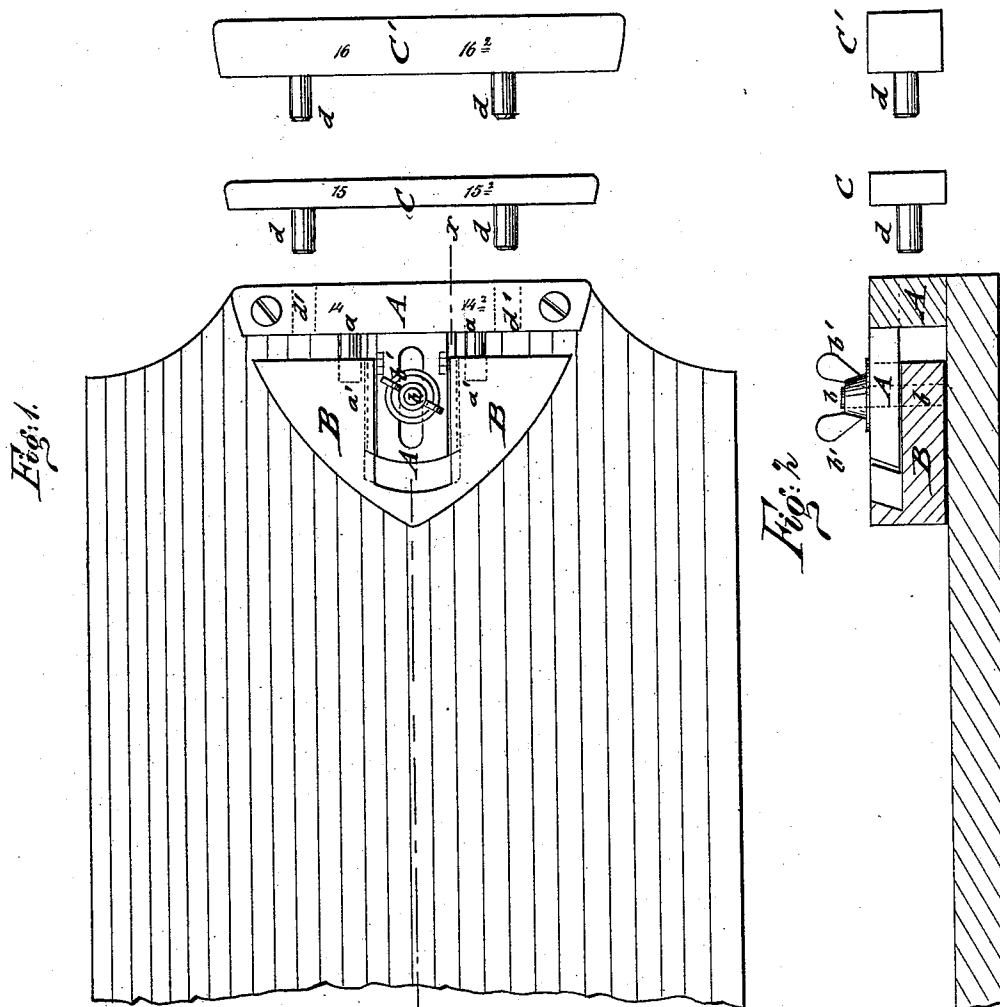


F. L. VOLK.  
Neck-Band Shaper.

No. 221,374.

Patented Nov. 4, 1879.



Witnesses:  
*Carl Karp*  
*Otto Prisch*

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*Friedrich L. Volk*  
by *Paul Cooper*  
Attorney.

# UNITED STATES PATENT OFFICE.

FRIEDRICH L. VOLK, OF NEW YORK, N. Y.

## IMPROVEMENT IN NECK-BAND SHAPERS.

Specification forming part of Letters Patent No. **221,374**, dated November 4, 1879; application filed May 27, 1879.

### *To all whom it may concern:*

Be it known that I, FRIEDRICH L. VOLK, of the city, county, and State of New York, have invented certain new and useful Improvements in Neck-Band-Shaping Blocks, of which the following is a specification.

In the accompanying drawings, Figure 1 represents a top view of my improved shaping-block for the neck-bands of bosom-shirts, and Fig. 2 is a vertical longitudinal section of the same on line *x x*, Fig. 1.

Similar letters of reference indicate corresponding parts.

The object of this invention is to furnish an improved shaping-block for the neck-bands of bosom-shirts, which block is used in connection with the bosom-boards, and readily adjusted for each size of neck-band, so as to facilitate the ironing of bosom-shirts and impart to the neck-bands at the same time their proper shape and position.

The invention consists of a T-shaped end-piece that is permanently secured to the narrow end of the bosom-board, and on which the V-shaped adjustable main block is guided and tightly clamped, in connection with auxiliary extension-pieces of different thickness, attached by guide-pins and sockets to the cross-piece of the T-piece, for adapting the block to any size of neck-band.

Referring to the drawings, A represents a T-shaped end-piece of my improved shaping-block for neck-bands, the cross-piece of which is permanently attached by screws to the narrow end of the bosom-board, as shown in Fig. 1.

The slotted dovetailed center-piece extends at right angles from the cross-piece in the direction of the center-line of the bosom-board, and serves to guide a correspondingly-recessed V-shaped main block B, which is furthermore guided by steadying-pins *a*, one at each side of the center-piece, the pins entering socket-holes *a'* of the main block B.

The sides of the main block are convexly curved, so as to correspond to the curvature of the neck-band.

The main block may be adjusted on the center-piece and steadying-pins to a distance of half an inch or more from the cross-piece,

serving for shaping neck-bands of fourteen inches when moved up close to the cross-piece, and neck-bands of fourteen and one-half inches when set at a distance from the cross-piece.

A screw-bolt and thumb-nut, *b b'*, serve to clamp the main block rigidly to the center-piece, so that the same is retained at the proper distance from the cross-piece.

Auxiliary extension-pieces C and C' serve for enlarging the shaping-block, the narrower piece C being half an inch, the wider one inch, in width. They are connected to the cross-piece by fixed pins *d*, which are inserted into socket holes of the cross-piece.

The ends of the extension-pieces C and C' are inclined or slightly curved, so as to form extensions of the sides of the cross-piece and main block.

The extension-pieces serve, in connection with the adjustment of the main block, for setting the shaping device for neck-bands of fifteen and fifteen and one-half inches and sixteen and sixteen and one-half inches, respectively.

The shaping device is used as follows: The shirt is placed in position on the bosom-board with the neck-band around the shaping-block. The latter is adjusted to the size of the neck-band, according to the number marked thereon. The smoothing-iron is then passed over the bosom and along the shaping-block, by which operation the neck-band is ironed at the same time, and thus the proper shape and finish are imparted thereto without the trouble and loss of time at present experienced by the ironing of the neck-bands.

By thus imparting to the neck-band its proper shape, it fits better on the neck and dispenses with the puckering or other annoying irregularities of the same.

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

1. The combination of a fixed T-shaped end-piece, A, of the ironing-board with an adjustable V-shaped main block, B, and with interchangeable extension-pieces C C' of different widths, substantially as set forth.

2. The combination of a fixed T-shaped

end-piece, A, having steadying-pins *a a*, of a recessed V-shaped main block, B, guided and clamped at one side of the T-piece, with interchangeable extension-pieces C C', of different widths, at the other side of the T-piece, substantially as specified.

In testimony that I claim the foregoing as

my invention I have signed my name in presence of two witnesses, this 26th day of May, 1879.

FRIEDRICH L. VOLK.

Witnesses:

PAUL GOEPEL,  
CARL KARP.