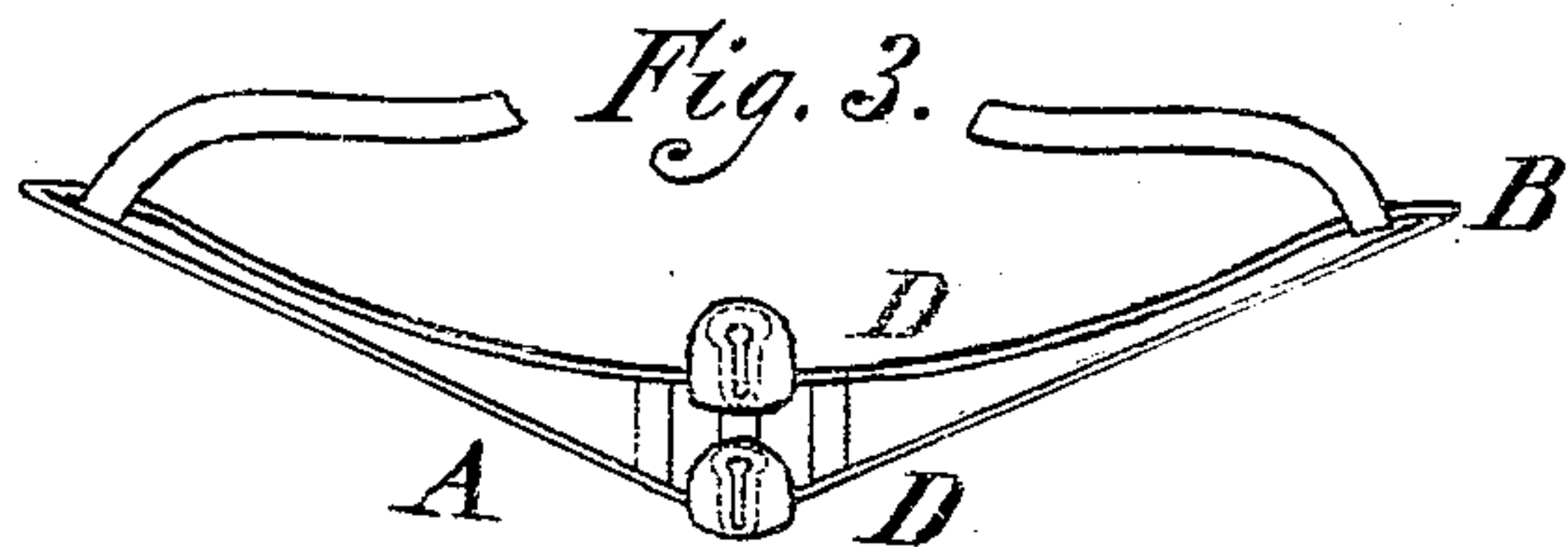
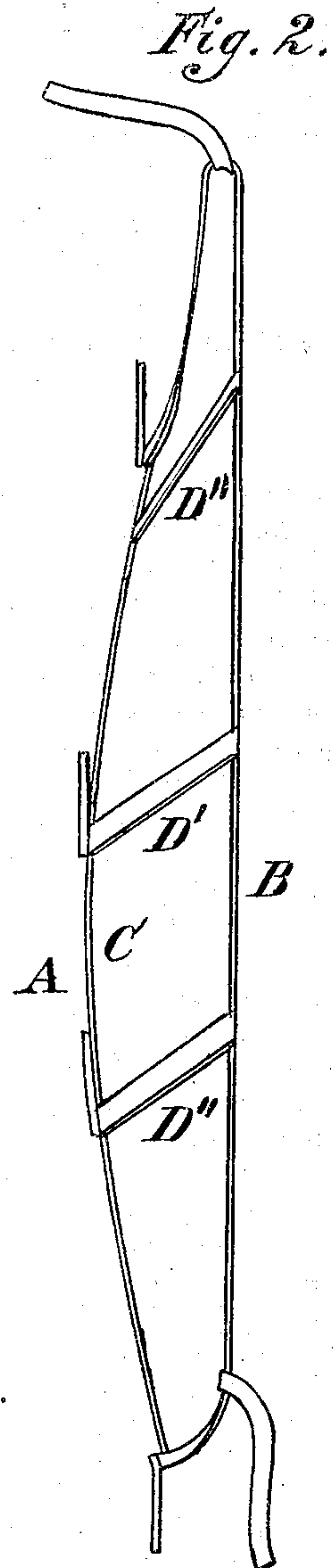
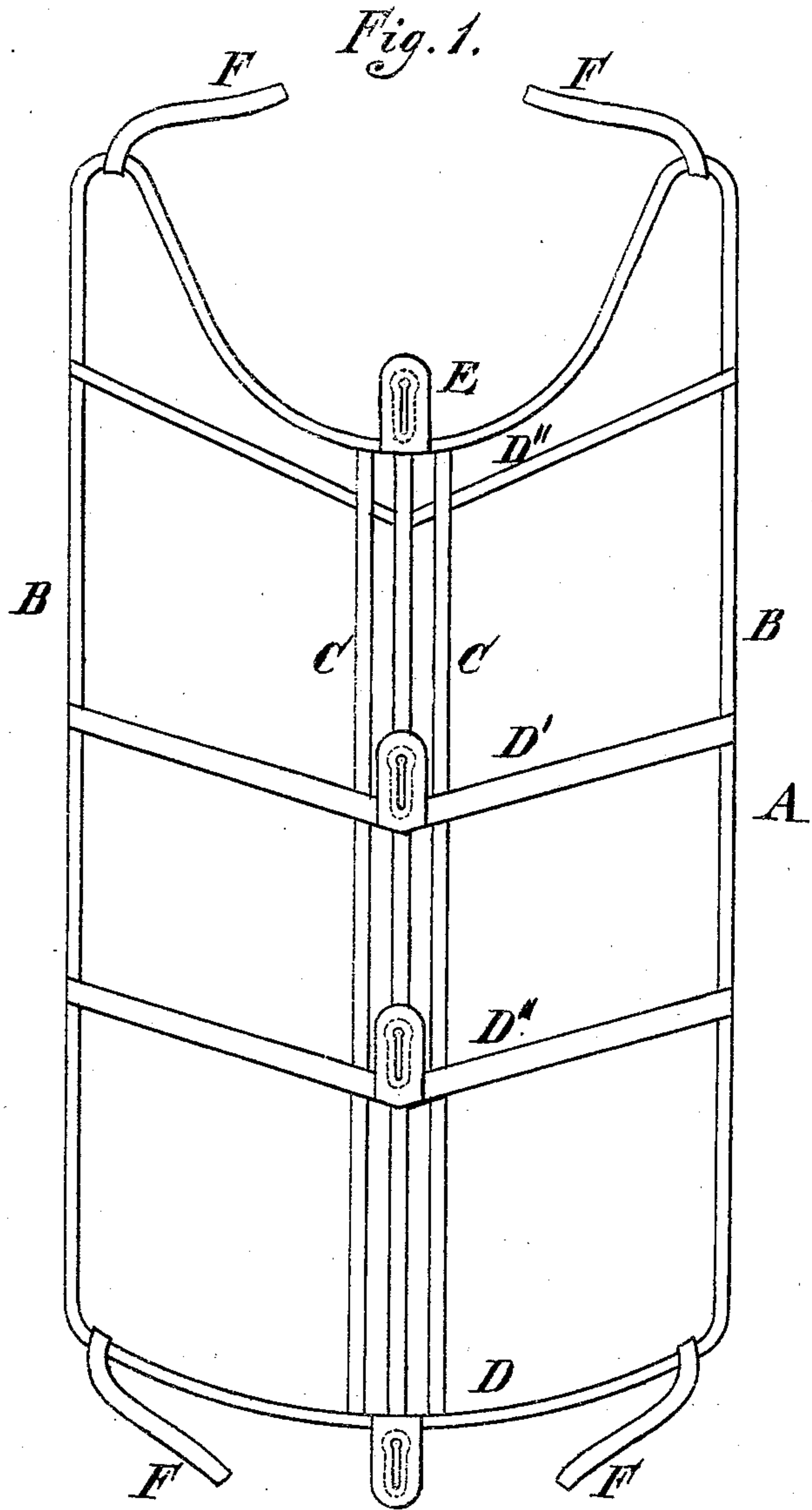


G. F. JOHNSON.  
Shirt Bosom Supporters.

No. 140,373.

Patented July 1, 1873.



Witnesses:

Millard F. Dralton,

Robert H. Hox.

Inventor:

George F. Johnson.

by John A. Wiedersheim & Co.  
attys.

# UNITED STATES PATENT OFFICE.

GEORGE F. JOHNSON, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR OF TWO-THIRDS HIS RIGHT TO WASHINGTON G. WALTER AND D. W. J. HUTTON, OF SAME PLACE.

## IMPROVEMENT IN SHIRT-BOSOM SUPPORTERS.

Specification forming part of Letters Patent No. **140,373**, dated July 1, 1873; application filed May 3, 1873.

*To all whom it may concern:*

Be it known that I, GEORGE F. JOHNSON, of the city and county of Philadelphia and State of Pennsylvania, have invented a new and useful Improvement in Shirt-Bosom Protectors and Retainers; and I do hereby declare the following to be a clear and exact description of the nature thereof, sufficient to enable others skilled in the art to which my invention appertains to fully understand, make, and use the same, reference being had to the accompanying drawings making part of this specification, in which—

Figure 1 is a front view of the device embodying my invention. Fig. 2 is a side view thereof. Fig. 3 is a top or plan view thereof.

Similar letters of reference indicate corresponding parts in the several figures.

My invention consists in a frame, applicable to a shirt-bosom, for retaining the proper shape thereof, preventing gathering and ruffling at all points, and protecting it against sweat or moisture of the body.

Referring to the drawings, A represents a light frame which is adapted to be applied to the rear of a shirt-bosom, and consists of the side pieces B B, the center piece or pieces C C, the horizontal bottom piece D, the top piece E, which is curved to conform to the shape of the neck of the wearer, the horizontal piece or pieces D' and the horizontal pieces or tapes D'' D'', between the top and bottom pieces.

It will be seen that the side pieces B B and top and bottom pieces D E form a continuation of each other and constitute a frame of the shape of the bosom to which it is applicable.

The piece or pieces C C brace the frame vertically and the piece or pieces D' D' brace the same horizontally, so that, while the frame is light in structure, it is sufficiently firm and strong for the purpose intended.

The frame A will be of bowed or curved form and have at its corners tapes, hooks, eyes, or other fastenings, F, for securing the frame to the rear of a shirt-bosom, so that the bosom may be said to be stretched on the

frame A; and when the shirt and frame are in use the bosom is prevented from coming together either vertically or horizontally.

A loop or button may be applied to the top and bottom of the central piece C for attachment, respectively, to the top or collar band of the shirt or bosom and to the bottom of the bosom. This prevents the rising of the bosom and gathering and rumpling thereof in vertical direction. The fastenings F prevent the bosom from coming together at the neck and waist of the wearer, which otherwise is a common cause of complaint; and in case there is any tendency of said bosom coming together or gathering at the sides or between the neck and waist, tapes may be applied to the sides B B; or ordinary pins may be there employed to prevent such movement.

Owing to the interposition of the frame between the shirt-bosom and body of the wearer the bosom is thrown out and sweat or moisture is prevented from reaching the bosom, whereby the latter not only retains its smooth and unbroken appearance, but is protected against the unsightly and unpleasant effects due to such sweat or moisture.

For a shirt opening in the back the frame is secured in place to the bosom before the shirt is applied to the body; but in shirts open in the front the frame is secured to one half or flap of the shirt. The shirt is then applied and the frame subsequently secured to the other half or flap of the shirt.

The pieces constituting the frame may be constructed of spring-steel, whalebone, reeds, rattan, or other suitable elastic and strong material.

I am aware that a longitudinal strip and transverse pieces attached thereto have been employed for attachment to a shirt-bosom; but in such device no provision is made for preventing gathering at the neck, sides, and bottom or waist portion of the bosom, and all of the edges of the aforesaid strip and pieces are exposed and liable to pierce the under-clothing of the wearer and chafe the body; but

Having described my invention and the



advantages thereof, I claim as an improvement—

The frame A, consisting of the vertical side pieces B B, the horizontal piece D, and horizontal neck-piece E, in combination with the central strip or strips C C and horizontal piece or pieces D' D', substantially as and for the purpose set forth.

The above signed by me this 24th day of April, 1873.

G. F. JOHNSON, M. D.

Witnesses:

JOHN A. WIEDERSHEIM,  
MILLARD F. WALTON.