

(No Model.)

J. G. WALLACH.

METHOD OF MAKING SHIRT BOSOMS.

No. 364,066.

Patented May 31, 1887.

Fig. 1.

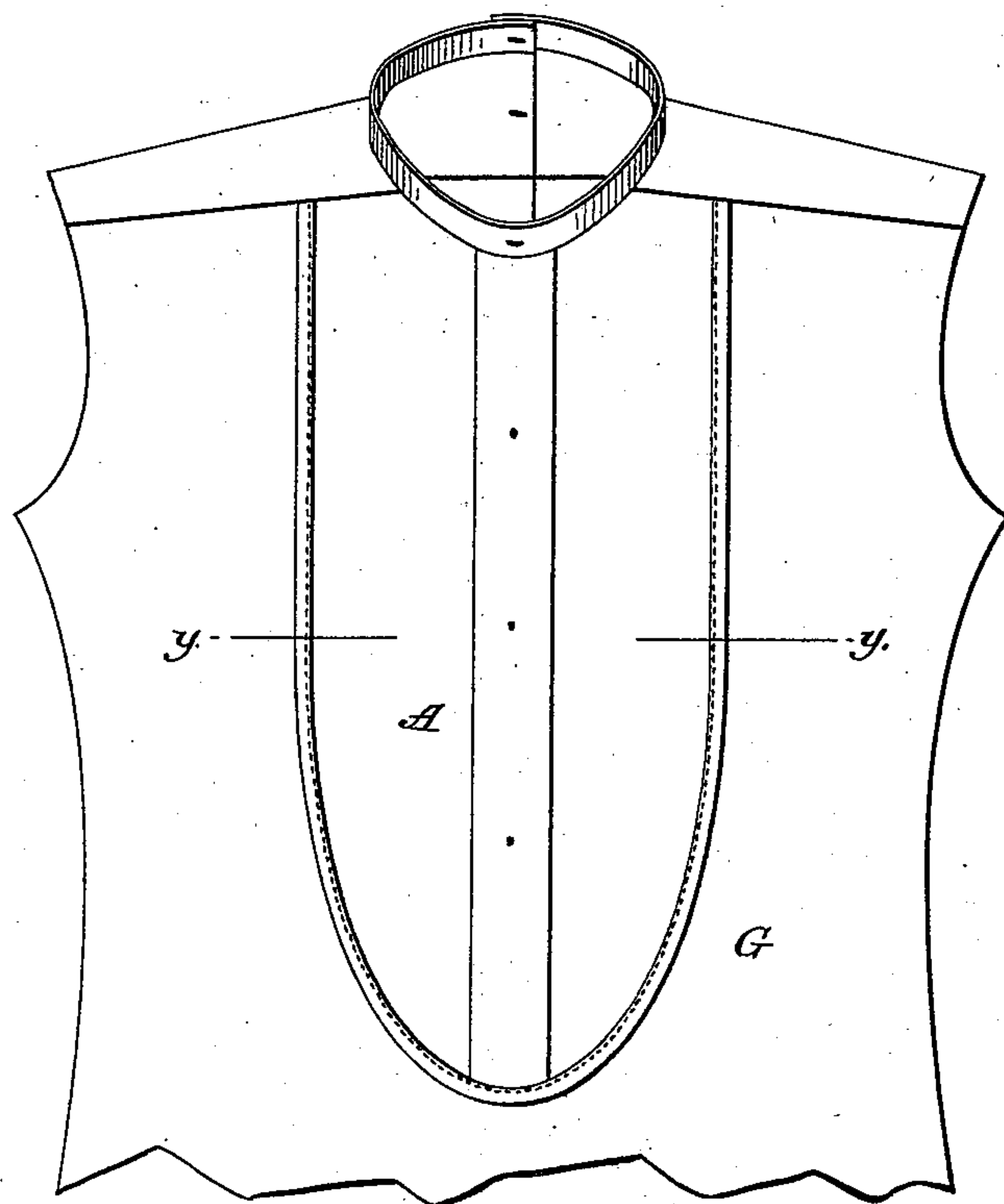


Fig. 2.

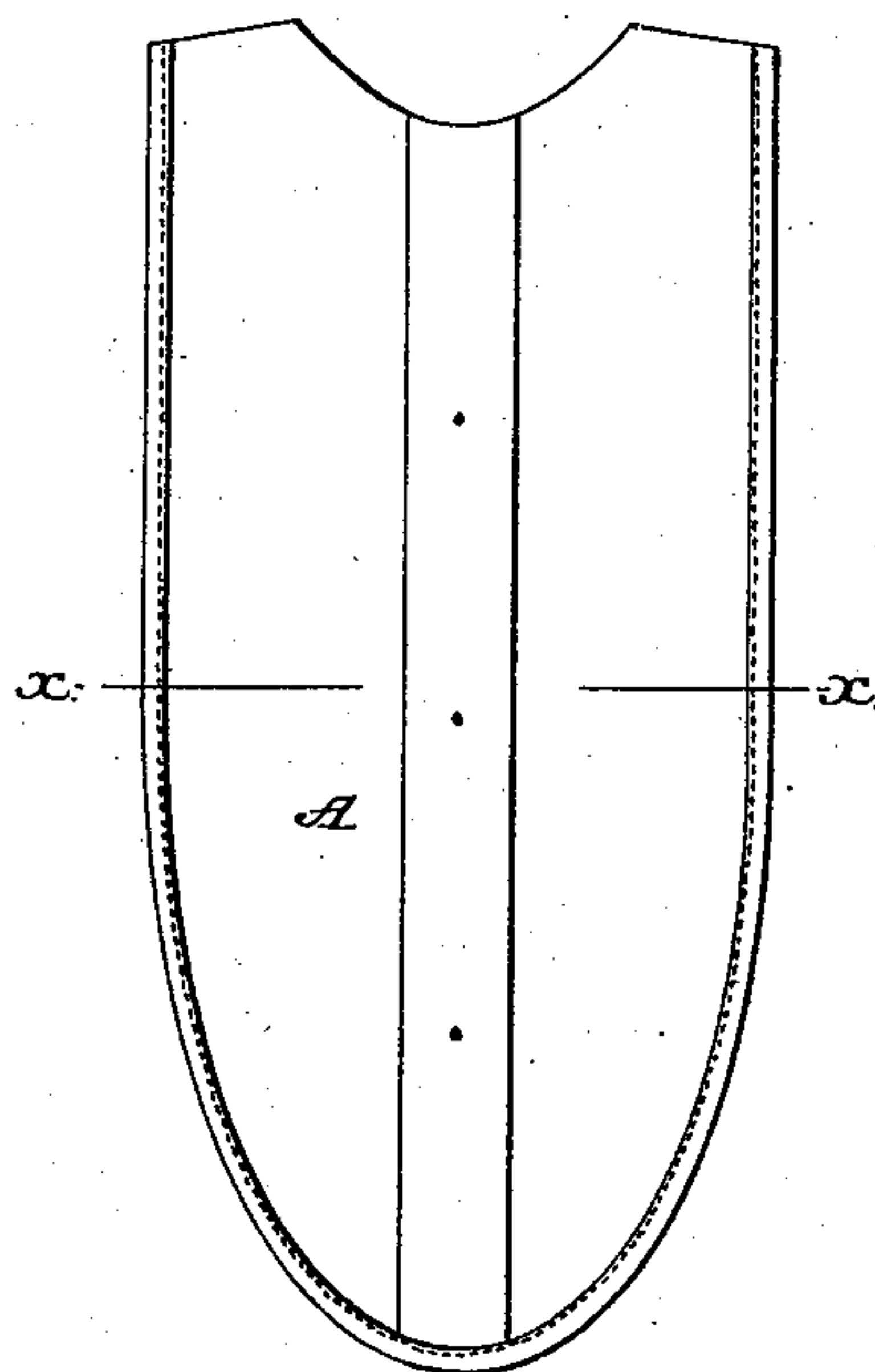


Fig. 3.

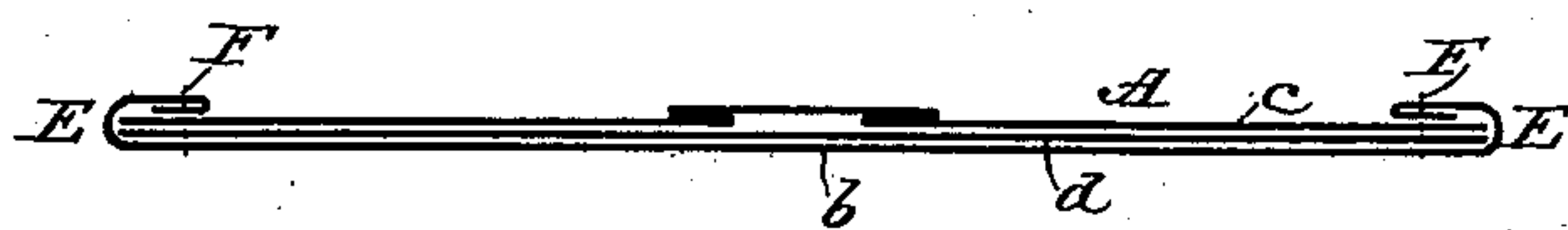


Fig. 4.

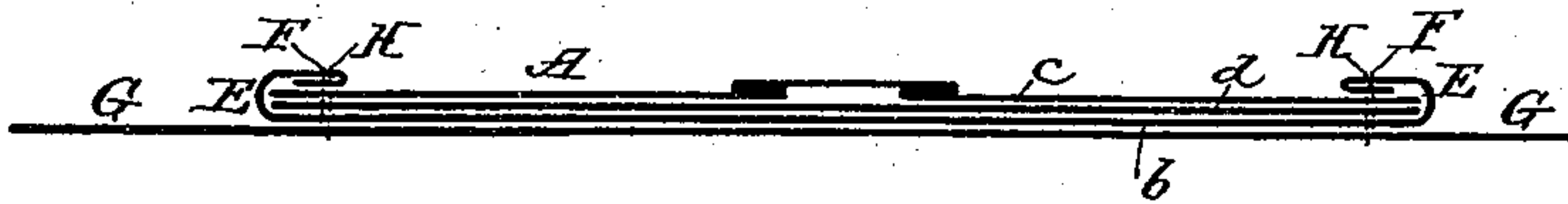
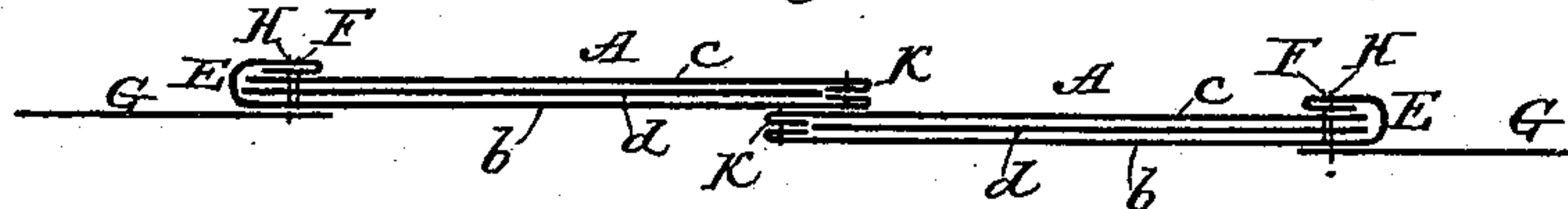


Fig. 5.



Attest:

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# UNITED STATES PATENT OFFICE.

JOSEPH G. WALLACH, OF NEW YORK, N. Y.

## METHOD OF MAKING SHIRT-BOSOMS.

SPECIFICATION forming part of Letters Patent No. 364,066, dated May 31, 1887.

Application filed March 16, 1887. Serial No. 231,091. (No model.)

*To all whom it may concern:*

Be it known that I, JOSEPH G. WALLACH, of the city, county, and State of New York, have invented certain new and useful Improvements in the Manufacture of Shirt-Bosoms; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification, in which—

Figure 1 is a front view of the upper part of an open-back shirt having my improved bosom applied thereto. Fig. 2 is a similar front elevation of the finished bosom in readiness to be applied to a shirt. Fig. 3 is a transverse section, on a greatly-enlarged scale, in line *xx* of Fig. 2; Fig. 4, a similar section in line *yy* of Fig. 1; and Fig. 5, a sectional view, on a similar scale, of my improved bosom when made for an open-front shirt.

My invention relates to the manufacture of a finished rounded shirt front or bosom made independently of the body of the shirt to which it is to be subsequently applied, and has for its object to simplify and perfect the finish of the outer edge or border of the shirt-bosom.

It consists in cutting the under ply or thickness of cloth for the bosom of larger dimensions than the front and intermediate plies or thicknesses, and in folding the edges thereof in over these superimposed plies, as a binding therefor, and, after turning in the edge of the overlapping facing-strip, stitching it down with a line of stitches passing through all the plies, in manner as hereinafter fully described.

In the accompanying drawings, A represents the bosom-piece of the shirt, composed, as usual, of two or more layers of cloth smoothly and evenly superimposed. The under layer, *b*, is cut much larger at the sides and ends of the bosom than the front and interposed layers, *c d*, so that its edge may be folded in upon itself, and then folded over upon said superimposed layers *c d*, as shown at E in Figs. 3, 4, and 5, and when thus folded the several layers are united and the edge of the bosom neatly and securely bound by a line of stitches, F, passing through all the folds of cloth, as shown in Fig. 3.

The edge of the under layer, *b*, may be rapidly and automatically folded in and folded over, in manner as described, to form a binding, E, upon the raw edges of the superimposed layers *c* and *d* of the bosom-piece A, by the use of a suitable sewing-machine attachment in the customary manner known to the art, and by means thereof a finished rounded bosom may be neatly and cheaply produced with greater ease and expedition than has heretofore been the case. After the bosom-piece has thus been made and finished it is united to the shirt-front G by a line of stitching, H, carried, as nearly as possible, in the line of stitching already formed around the edges of the bosom, so as to be concealed by its merger therewith, and the bound edge of the bosom-piece is left to project beyond the seam and overlap the body-piece in the customary manner, as illustrated in Figs. 4 and 5.

When the bosom is divided down the center for use in an open-front shirt, the outer edges are finished in manner substantially as above described, and as illustrated in Fig. 5, and the edges of the central opening are finished by folding in the edges of the two outer plies of the bosom-piece and stitching them through, as shown at K in said Fig. 5.

I claim as my invention—

The method herein described of finishing a detached bosom-piece for a shirt, which consists in cutting the under lining-piece of the bosom of larger dimensions than the superimposed outer facing-piece, doubling in the edge of said under lining upon itself, folding the doubled edge as a binding over the raw edge of the facing-piece and interposed thicknesses of cloth, and finally securing the whole by a line of stitching passing through all the plies near to the overlapping doubled edge, substantially in the manner and for the purpose herein set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JOS. G. WALLACH.

Witnesses:

S. A. STAVERS,  
A. N. JESPERA.