

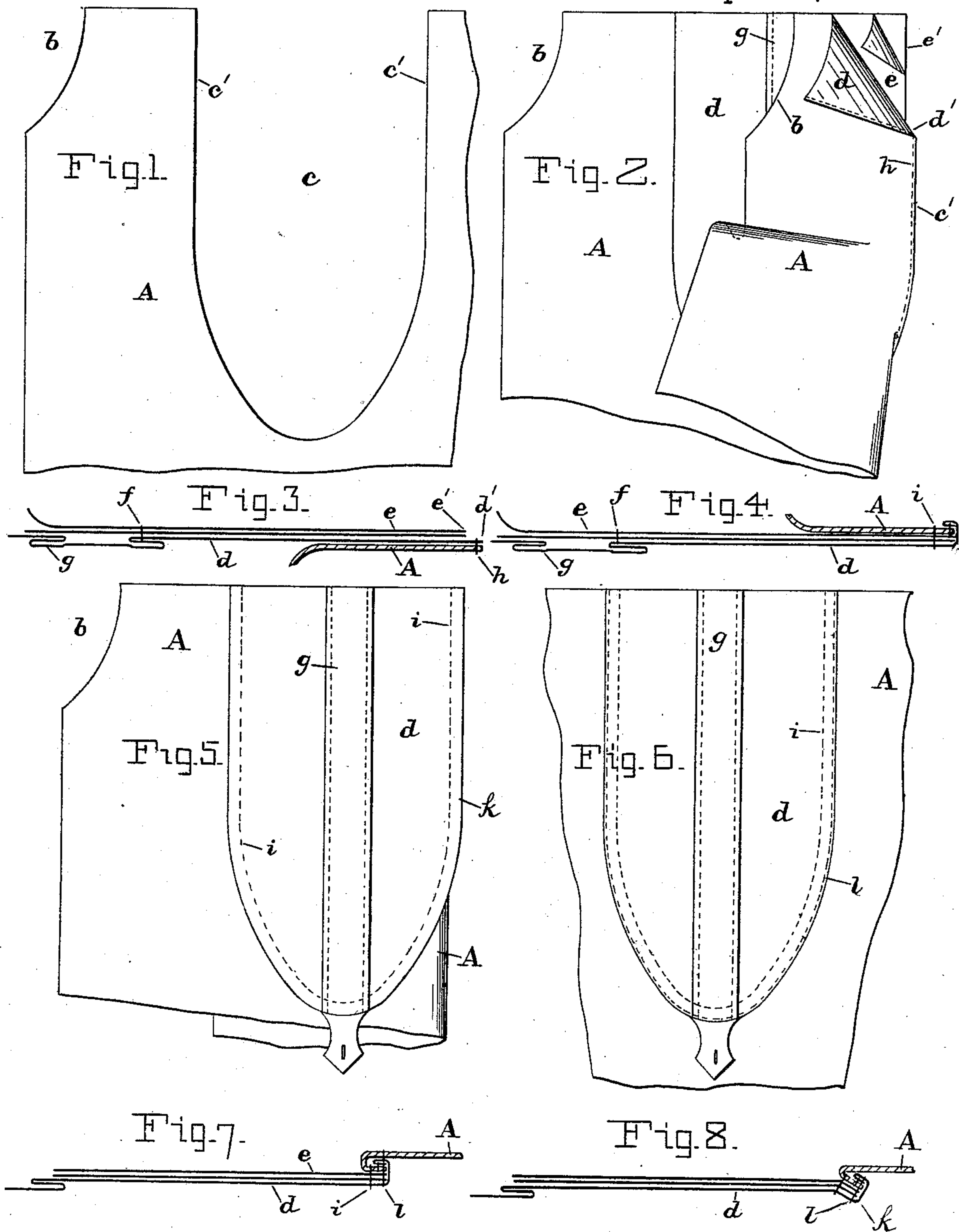
(No Model.)

W. H. PAUL.

METHOD OF SECURING BOSOMS TO SHIRT BODIES.

No. 349,283.

Patented Sept. 14, 1886.



Witnesses

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WILLIAM H. PAUL, OF BALTIMORE, MARYLAND, ASSIGNOR OF ONE-HALF
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METHOD OF SECURING BOSOMS TO SHIRT-BODIES.

SPECIFICATION forming part of Letters Patent No. 349,283, dated September 14, 1886.

Application filed December 3, 1885. Serial No. 184,538. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM H. PAUL, a citizen of the United States, residing at Baltimore, in the State of Maryland, have invented certain new and useful Improvements in Method of Securing Bosoms to Shirt-Bodies, of which the following is a specification.

My invention relates to an improvement in attaching the bosom to shirt-fronts, and is illustrated in the accompanying drawings, in which—

Figure 1 is a view of a portion of a shirt-body, showing the opening whereat the bosom is attached. Fig. 2 is a front view of the shirt body and bosom, showing the first step in attaching the bosom. Fig. 3 is a section of part of the shirt-body and the bosom, showing the first step, same as in Fig. 2. Fig. 4 is a section of part of the shirt body and bosom, showing the second step in attaching the bosom. Fig. 5 is a front view of the shirt body and bosom, showing the second step, same as in Fig. 4. Fig. 6 is a front view of the shirt body and bosom, showing the third step in attaching the bosom. Fig. 7 is a section of part of the shirt body and bosom, showing the third step, same as in Fig. 6. Fig. 8 is a section of part of the shirt body and bosom, showing a modification in the third step.

The letter A designates the shirt-body, having the cut-away *b* for the arm-hole and the bosom-opening *c*. The bosom is cut to a shape which will fit the opening *c* in the body A, and has a linen front, *d*, and a muslin backing, *e*, of one or more thicknesses or plies. The number of thicknesses composing the bosom-backing is immaterial. In the present instance it is two. It will be seen by reference to Figs. 2 and 3 that the linen front *d* of the bosom is wider and longer than the muslin backing *e*, so that an edge, *d'*, of the linen extends beyond the backing. This is an essential feature to the practical application of the improvement. The muslin backing *e* should at some point be temporarily attached to the linen front *d*, either by a few stitches or by a little paste. In the present instance stitches *f* are used. This is done merely to retain the backing for the time being in the desired position on the linen front, and thereby preserve a uniform width to the extended edge *d'* of the linen front. The

bosom may have plaits of any desired form. In the present instance it has a central plait, *g*.

In proceeding to the first step in attaching the bosom, as shown in Figs 2 and 3, the shirt-body A, at one side of the bosom-opening *c*, is laid over upon the outer linen front, *d*, so that the edge *c'* of the bosom-opening *c* shall be even with the extended edge *d'* of the linen front. A row of stitches, *h*, is then passed through the shirt-body and the said extended edge, and this is continued around the bosom-bottom and up the other side. The linen front of the bosom is thus attached in the bosom-opening of the shirt-body.

The second step, which is illustrated in Figs. 4 and 5, consists in turning the shirt-body A from the position it had during the operation of the first step, and laying it over upon the bosom-backing *e*, as in Fig. 4, and folding the extended edge *d'* of the linen front around the edges *e'* of the bosom-backing. Thereby the edges *e'* of the several plies of the backing are covered or inclosed by the linen. A row of stitches, *i*, is then passed through the shirt-body A, the bosom-backing *e*, and the linen front *d*. By this construction, as will be seen by reference to Fig. 4, the raw edge *c'* of the bosom-opening, the extended edge, and the edge *e'* of the backing will be covered or inclosed by the linen front, thus making a durable union of the parts, and presenting a slightly flap or loose edge, *k*, around the bosom. (See Fig. 5.)

The two steps described and shown constitute in themselves a complete method in the art of securing bosoms to shirt-bodies; but as a further means of securing the bosom an additional step may be employed, which will now be described.

The third step is illustrated in Figs. 6 and 7, and consists in turning the shirt-body A from the position it had during the operation of the second step, and spreading it away from the bosom to the position it will normally occupy in the finished shirt, as in Figs. 6 and 7, and then passing a row of stitches, *l*, through the outermost bosom edge, *k*, and the shirt-body A. (See Fig. 7.) By this construction the bosom-front *d* has around it a linen flap-edge, *k*, which incloses all the raw edges of the united parts, and two rows of stitches, *h i*, attach the bosom to the shirt-body. As a further im-

provement three rows of stitches (to wit, those designated *h i l*) are employed to connect these parts, and each row passes through unlike parts and has a different duty to perform. The first
 5 row, *h*, passes through the shirt-body *A* and the extended edge *d'* of the linen front *d*. The second row, *i*, passes through the shirt-body *A*, the bosom-backing *e*, and the linen front *d*, and the third row, *l*, passes through the shirt-body
 10 *A* and flap or loose edge *k*.

Fig. 8 shows a modification, in that the third row of stitching, *l*, is passed only through the flap or loose edge *k*.

The shirt in other respects may be made in
 15 any well-known manner.

Having described my invention, I claim and desire to secure by Letters Patent of the United States—

1. The method of securing a bosom to a shirt-
 20 body, which consists in first laying the shirt-body *A* over and upon the linen front, stitching (*h*) the shirt-body around the edge *e'* of the bosom-opening *e* to the edge *d'* of the outer linen front, *d*; second, turning the shirt-body
 25 from the position it had during the first operation and laying it upon the bosom-backing *e*, and folding the edge *d'* of the outer linen front around the edges *e'* of the said bosom-

backing, and passing a row of stitches, *i*, through the shirt-body, the bosom-backing, and the
 30 outer linen front, as set forth.

2. The method of securing a bosom to a shirt-body, which consists in first laying the shirt-body *A* over and upon the linen front, stitching (*h*) the shirt-body around the edge *e'* of the
 35 bosom-opening *e* to the edge *d'* of the outer linen front, *d*; second, turning the shirt-body from the position it had during the first operation and laying it upon the bosom-backing *e*, and folding the edge *d'* of the outer linen front
 40 around the edges *e'* of the said bosom-backing, and passing a row of stitches, *i*, through the shirt-body, the bosom-backing, and the outer linen front; and, third, turning the shirt-body
 45 from the position it had during the second operation and spreading it away from the bosom to its normal or finished position, and passing a row of stitches, *l*, through the outermost bosom edge, *k*, and the shirt-body, as set forth.

In testimony whereof I affix my signature in
 50 presence of two witnesses.

WM. H. PAUL.

Witnesses:

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 JNO. T. MADDOX.