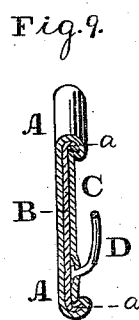
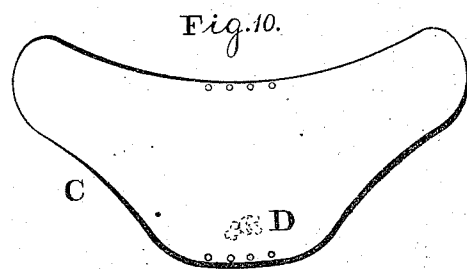
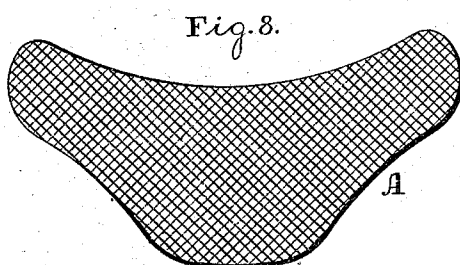
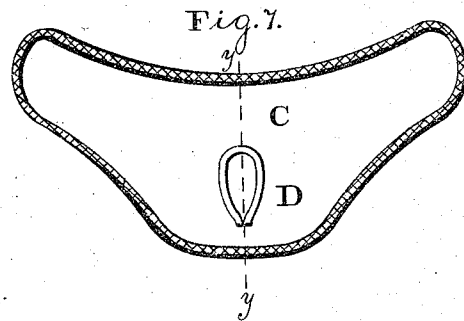
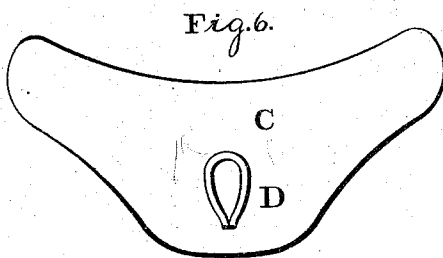
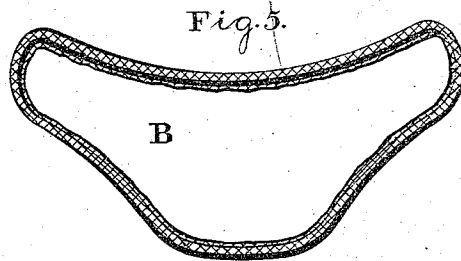
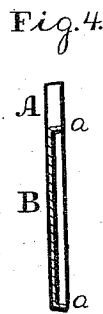
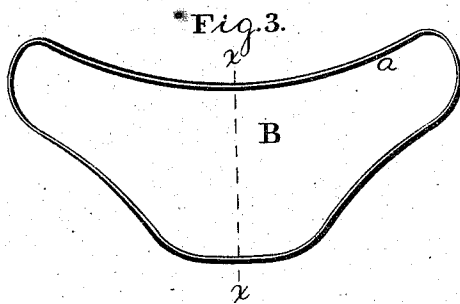
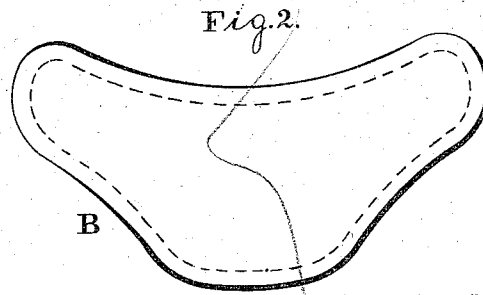
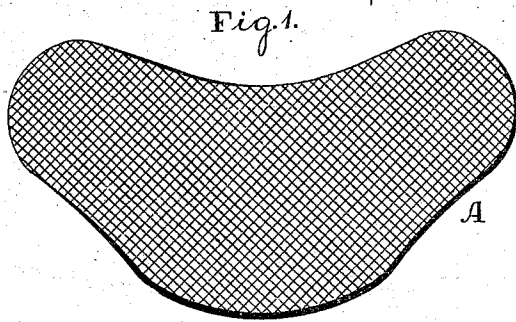


O. KUEPPERS.
Necktie-Shield.

No. 159,422.

Patented Feb. 2, 1875.



Witnesses:

L. F. Brous,
A. P. Grant.

Inventor:

Otto Kuipers,
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Atty.

UNITED STATES PATENT OFFICE.

OTTO KUEPPERS, OF PHILADELPHIA, PENNSYLVANIA.

IMPROVEMENT IN NECK-TIE SHIELDS.

Specification forming part of Letters Patent No. 159,422, dated February 2, 1875; application filed December 16, 1874.

To all whom it may concern:

Be it known that I, OTTO KUEPPERS, of the city and county of Philadelphia and State of Pennsylvania, have invented a new and useful Improvement in Neck-Tie Shields; 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 view of the fabric-blank. Fig. 2 is a view of the metal-blank. Figs. 3 and 5 represent the shield during successive operations of manufacture. Fig. 4 is a transverse section in line *xx*, Fig. 3. Fig. 6 is a rear view of the back plate of the shield. Fig. 7 is a rear view of the completed shield. Fig. 8 is a front view thereof. Fig. 9 is a transverse section thereof in line *yy*, Fig. 7. Fig. 10 is a rear view of a modification.

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

Heretofore a neck-tie shield of the most desirable nature has been made of a body of stiff paper or pasteboard with a facing composed of pieces of woven fabric stitched together and covering the body; but the expense thereof is a serious objection. Other shields have been constructed of prepared card-board, which, merely imitating woven fabric, is liable to separate, and does not possess the requisite durability.

My invention consists in forming a fabric-faced neck-tie shield of parts which are clamped to each other, whereby stitching and sewing are dispensed with, and the shields are exceedingly durable, and may be produced with rich and tasty facings at much less cost than usually.

In carrying out my invention, successive operations are evolved as follows:

Referring to drawings, Fig. 1, I cut a blank, A, of silk or other material suitable for covering the front face of the shield, the shape thereof corresponding to that of the shield to be produced, in the present case employing the winged form in general use. B represents

a blank or plate of metal, which is of same shape as the blank A, but somewhat smaller. This blank B is subjected to the action of a die or other tool, or struck up, so as to form a flange, *a*, around its outer edge, as seen in Figs. 3 and 4, and the metal blank may now be denominated a shell. To the face of the shell B, which will constitute the body of the shield, is applied the cover A, and its edges are brought over the flange *a*, and against the rear of the shell B, as seen in Fig. 5. C represents the back plate, to which the loop D is knotted or otherwise secured, said plate being of dimensions equal to the dimensions of the shell B within the edge of flange *a*. The plate C is now laid against the rear of the shell B, and in contact with the turned-over edge of the cover A. A suitable press or other implement is now employed, in order to turn the flange A against the back plate C, whereby it clamps said back plate, and securely connects the cover A, shell B, and back plate, the edges of the fabric or cover A being held between the rear of the shell B and inner face of the back plate, and the knot or fastening of the loop D resting between the shell and back plate.

Thus the shield fabric-covered, unstitched, and neatly and durably constructed, is finished and prepared for attachment of the tie by sewing or otherwise.

The covering-blank A and back plate C may be made of various materials, and of plain or elaborate designs.

If desired, openings may be formed in the prepared shield for passage of the needle in stitching the tie to the shield, and the loop D may be passed through the several thicknesses of the shield, and knotted or secured to the front face thereof.

The plate B, instead of being full, may be made of a frame or skeleton, as shown in dotted lines, Fig. 2; but in either case it will accomplish the purpose for which it is intended.

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

1. In a neck-tie shield, the covering and

back plate clamped to each other, substantially as and for the purpose set forth.

2. A neck-tie shield the body or frame of which is formed of a flanged metallic shell, B, substantially as and for the purpose set forth.

3. The neck-tie shield consisting of a covering, A, back plate C, and an interposed

shell, B, clamping the edges of said covering and back plate, substantially as and for the purpose set forth.

OTTO KUEPPERS.

Witnesses:

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