

(No Model.)

E. L. WALLACE.
STIFFENING PLATE FOR NECKTIES.

No. 494,501.

Patented Mar. 28, 1893.

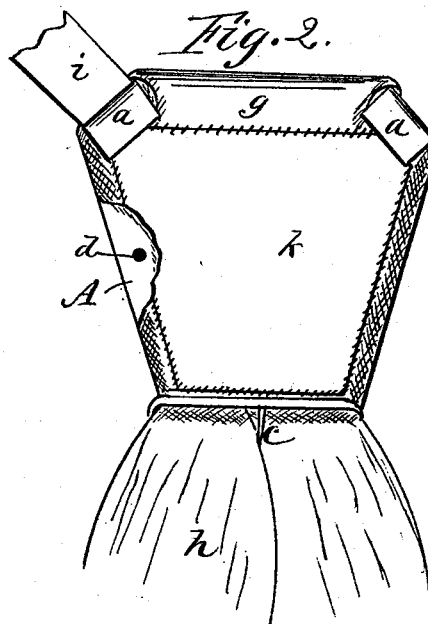
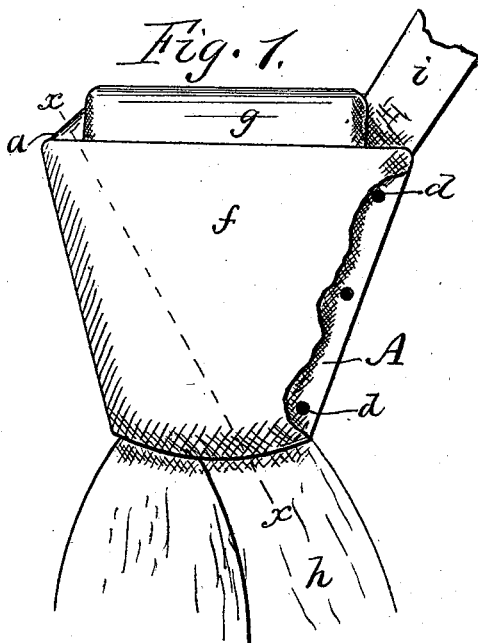


Fig. 3.

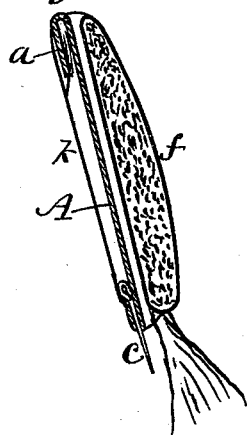
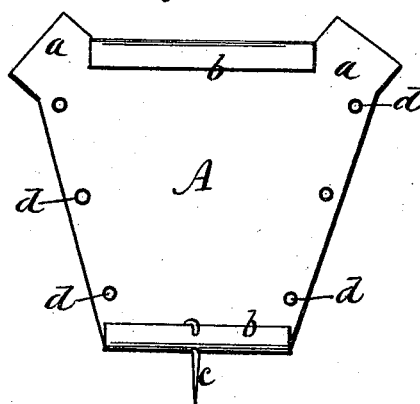


Fig. 4.



Witnesses.
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UNITED STATES PATENT OFFICE.

EDWARD L. WALLACE, OF SPENCERPORT, ASSIGNOR OF ONE-HALF TO
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STIFFENING-PLATE FOR NECKTIES.

SPECIFICATION forming part of Letters Patent No. 494,501, dated March 28, 1893.

Application filed January 7, 1893, Serial No. 457,614. (No model.)

To all whom it may concern:

Be it known that I, EDWARD L. WALLACE, of Spencerport, in the county of Monroe and State of New York, have invented a certain new and useful Improvement in Stiffening-Plates for Neckties; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the drawings accompanying this specification.

My improvement relates to metallic stiffeners for neck ties, and is designed to occupy the whole area of the pad, forming a stiffening and stay to the same, and at the same time a guide to direct the loose end of the strap in passing through the pad, thus obviating the difficulty which occurs in guiding the strap through the ordinary loose pad. The stiffener also embodies corner pieces which are turned down on the inner side embracing the corners of the pad and forming a guide to the end of the strap in entering.

The invention consists in the construction and arrangement of parts hereinafter described and claimed.

In the drawings—Figure 1 is a front elevation of the upper portion of the tie. Fig. 2 is a rear elevation of the same. Fig. 3 is a diagonal cross section of the device in line *x x* of Fig. 1, and in the line of the passage of the loose end of the strap through the pad. Fig. 4 is an elevation of the stiffener or form.

A indicates the stiffener. It is cut from thin sheet metal, of the same shape as the pad in which it fits, being broad at its top, narrow at its bottom, and somewhat curved in horizontal section. It is cut with angular corner pieces *a a* at the top, and with lining strips *b b* at top and bottom, which are turned inward and folded flat on the body of the plate. The pin *c*, which is stationary with the plate, is passed through small holes made in the lower fold *b* its upper end being turned under the fold and is secured by a drop of solder, or by any other suitable means. Furthermore the plate is provided with a set of holes *d d d* on each side for the attachment of the fabric. The front covering and lining *f* cover this plate and are attached at the sides by sewing through the holes *d d d* just described. The top fold which covers the top edge of the plate is attached at the back to the lining and is tucked down inside. The

bottom lengths *h h* are attached to the bottom of the lining and the collar strap *i* is attached at one of the upper corners in the usual way. A back covering *k* is also attached at its sides to the edges of the pad overlapping the stiffening plate. When this is done the metallic corner pieces *a a* of the stiffening plate are turned down on the inner side as shown in Fig. 2. These corner pieces are of importance and constitute a novel feature as they clamp the upper corners of the pad confining them in place and prevent the fabric from slipping up over the stiffener and furthermore on the side where the loose strap is inserted the corner piece holds the cloth open at the point of insertion and always insures a ready entrance. In ordinary ties the orifice frequently closes and it is difficult to insert the end of the strap. The plate by occupying the whole surface of the pad insures the ready passage of the end of the strap from top to bottom, obviating the difficulties in common ties from the catching of the end of the strap, and the plate also keeps the pad in proper shape.

The upper edge of the plate *A* is curved in horizontal section, but the bottom of said plate is preferably made straight in order to bring the fabric close together at that point and obviate unnecessary projection at the lower end of the pad. Instead of the holes *d d* at the edges of the plate any other suitable means may be used for attaching the fabric at those points.

Having described my invention, I do not claim, broadly, a stiffener for neckties; but what I claim as new, and desire to secure by Letters Patent, is—

The combination, with a neck tie, of a stiffening plate provided with the angular corner pieces *a a* at the upper corners, said corner pieces extending through the openings at the corners of the tie and being turned outward and backward, as and for the purpose specified.

In witness whereof I have hereunto signed my name in the presence of two subscribing witnesses.

EDWARD L. WALLACE.

Witnesses:

R. F. OSGOOD,
CHAS. A. WIDENER.