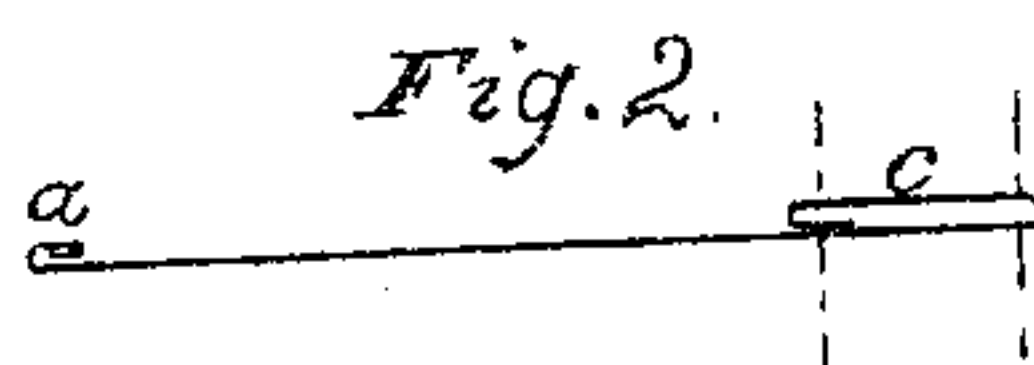
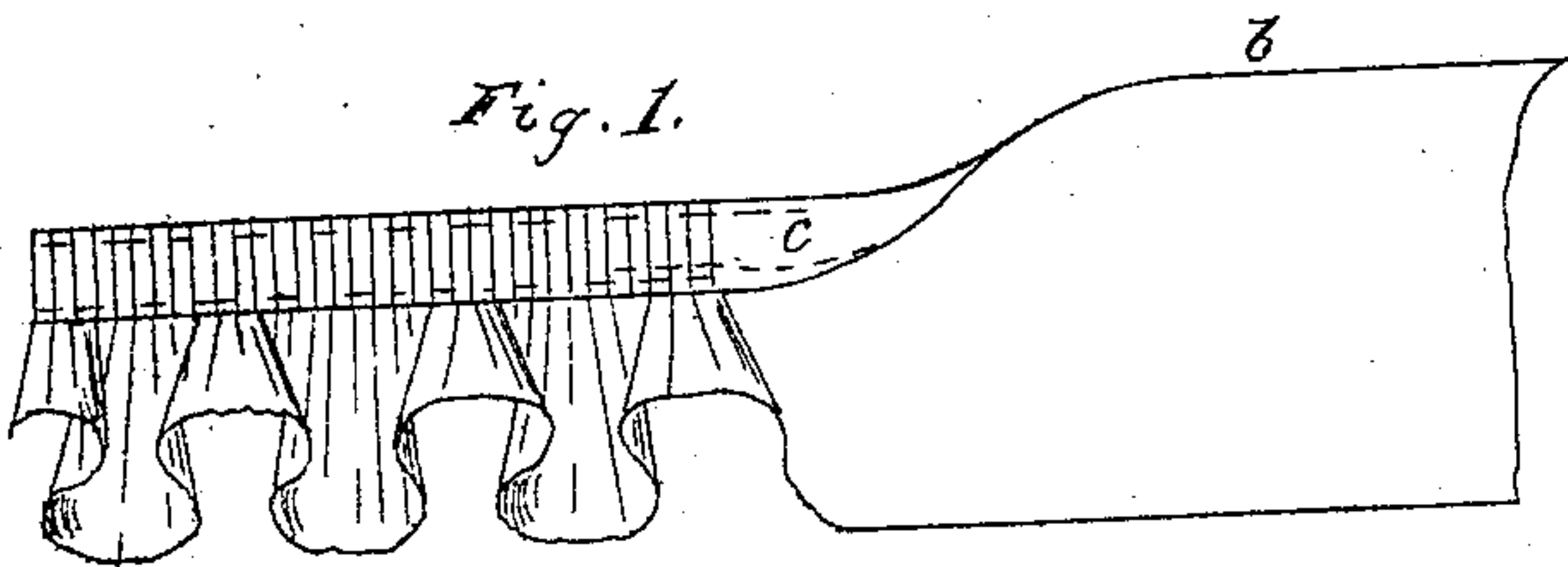


C.O. Crosby,  
Ruffle.

No. 40,739.

Patented Dec. 1, 1863



Witnesses

A. French

C.O. Crosby  
Inventor

# UNITED STATES PATENT OFFICE.

C. O. CROSBY, OF NEW HAVEN, CONNECTICUT.

## IMPROVEMENT IN BAND-RUFFLES.

Specification forming part of Letters Patent No. **40,739**, dated December 1, 1863.

*To all whom it may concern:*

Be it known that I, C. O. CROSBY, of New Haven, in the county of New Haven and State of Connecticut, have invented a new and Improved Band-Ruffle; and I do hereby declare the following to be a full, clear, and exact description of the same, when taken in connection with the accompanying drawings and the letters of reference marked thereon, and which said drawings constitute part of this specification, and represent, in—

Figure 1, a view of a piece of my ruffle; Fig. 2, a transverse section of the same enlarged; and in Fig. 3 a longitudinal section of the same, cutting through the band.

My invention relates to ruffling or frilling made upon the ruffling or frilling machine for which Letters Patent were granted to myself and Henry Kellogg, bearing date December 2, 1862; and it consists in forming a band upon the ruffle from one and the same piece of fabric for the purpose of giving to the upper or stitched edge of the ruffle a smooth finished appearance, and at the same time to stiffen the upper edge to better preserve the form of the ruffle.

To enable others skilled in the art to produce my improved band-ruffle, I will proceed to describe my manner of so doing.

I prefer to make my ruffle from thin muslin hemmed upon one edge previous to being introduced into the frilling or shirring machine aforesaid, but it may be made from ribbon or any strip of fabric with or without selvages, and hemmed or unhemmed upon one or both edges.

The strip from which I propose to make my improved ruffle must be as much wider than

the width of ruffle I intend to make as will fold over and make the band, as hereinafter described. I first hem the strip upon the outer edge, as at *a*, Fig. 2. This done, I introduce one end of the strip into the frilling, shirring, or ruffling machine through a folding-instrument not altogether unlike the common hemmer, which turns over the edge *b* and lays a fold the desired width of the band *c*, as see Fig. 2, enlarged. From the said instrument the folded fabric passes directly into the crimping, shirring, or ruffling apparatus, and is there crimped, plaited, or shirred, as see Fig. 3, and the crimps, plaits, or shirrs pressed down and stitched with two rows of stitching, as denoted in red in the several figures. This operation leaves the other edge full ruffled or frilled, as see Fig. 1. The band thus formed will have a plaited and similar appearance on both sides, and by being doubled, plaited, and stitched together in the manner described forms a stiff finished edge, which preserves its forms and that of the ruffle much longer than without the band.

Having thus fully set forth and described my improved ruffle, what I claim as new and useful, and desire to secure by Letters Patent, is—

As a new article of manufacture, the within-described band-ruffle, produced from a single strip of fabric folded and plaited, crimped or shirred, and stitched through both band and ruffle with two rows of stitching, substantially in the manner herein set forth.

C. O. CROSBY.

Witnesses:

ARASMUS FRENCH,  
JOHN E. EARLE.