

No. 40,738.

C. O. CROSBY.
BAND RUFFLE.

Patented Dec. 1, 1863.

Fig. 2.

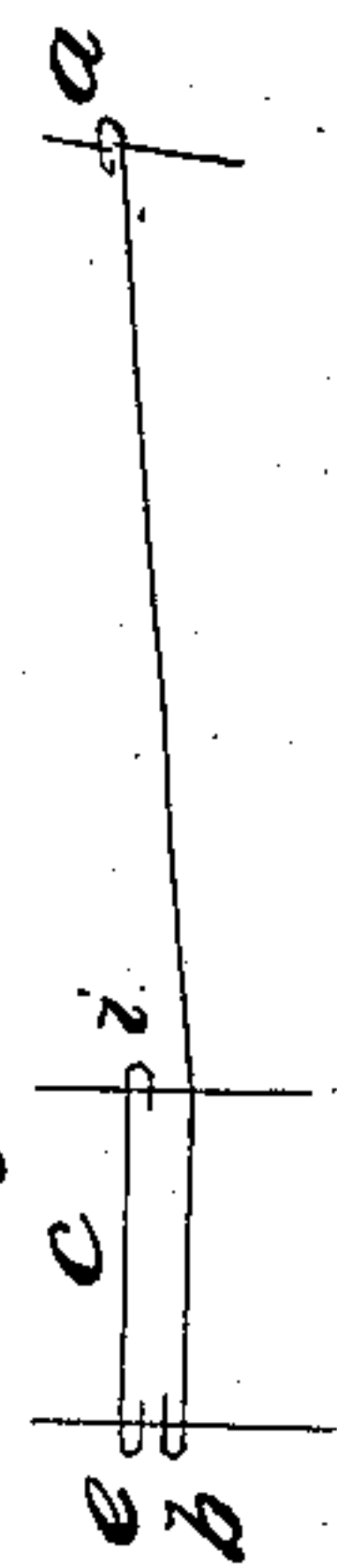


Fig. 3.

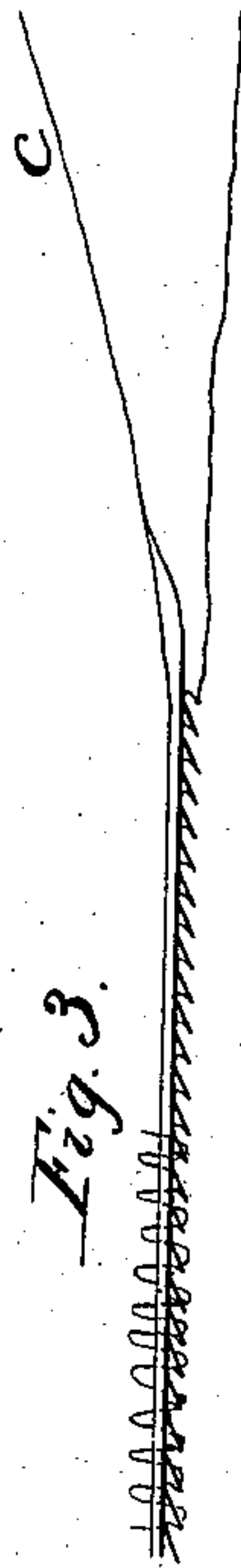
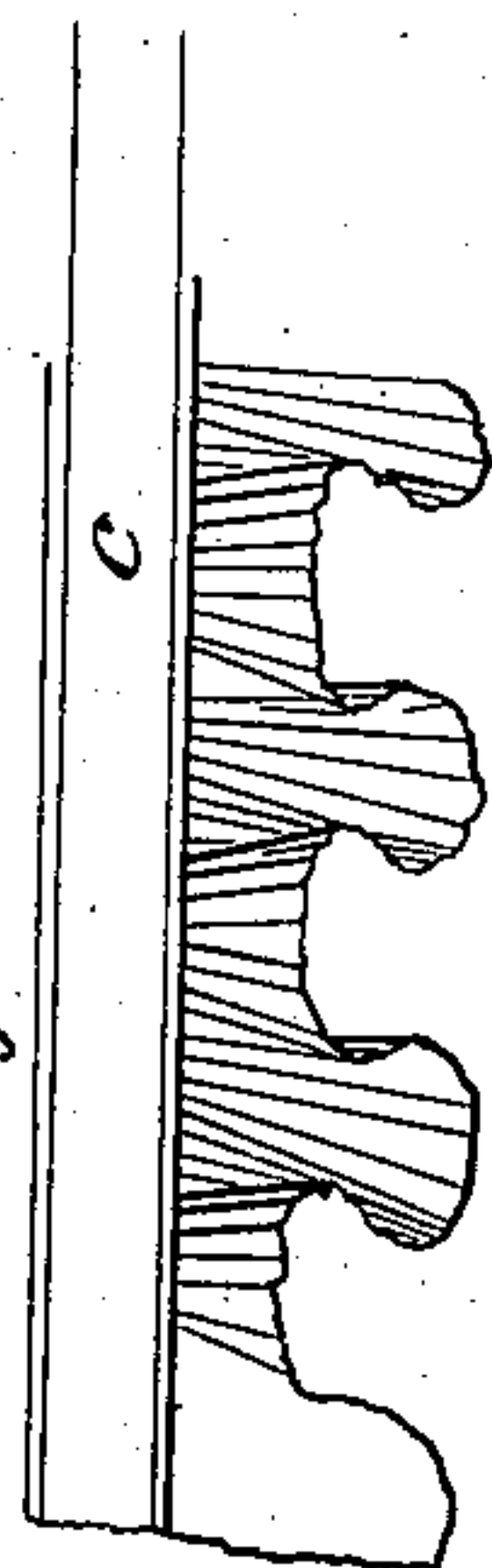


Fig. 1.



Witnesses:

A. French

John E. Carl

Inventor.

C. O. Crosby

UNITED STATES PATENT OFFICE.

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

IMPROVEMENT IN BAND-RUFFLES

Specification forming part of Letters Patent No. 40,738, 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 my ruffle finished; Fig. 2, a transverse section enlarged; Fig. 3, a longitudinal section of the same enlarged, cutting through the band.

My invention relates to ruffle or frilling made upon the ruffle or frilling machine for which Letters Patent were granted to myself and Henry Kellogg, bearing date December 2, 1862; and it consists in attaching a band to the ruffle in such manner as to produce an even, smooth, and finished edge, and also thereby stiffening the upper or stitched edge of the ruffle, whereby its form is the better preserved.

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 or frilling from thin muslin hemmed upon one edge previous to being introduced into the frilling-machine aforesaid; but it may be made from ribbon or any strip of fabric with or without selvages, either hemmed or unhemmed.

The strip from which I propose to make my improved ruffle I first hem upon the outer edge, as at *a*, Fig. 2. This done, I introduce

one end of the strip into a frilling or ruffling machine through an instrument not altogether unlike the common hemmer, which turns over the unhemmed edge, as at *b*, Fig. 2, and at the same time I introduce a second and narrower strip of fabric, *c*, through a similar instrument, which turns under both edges of the narrower strip, as see *e* and *i*, Fig. 2. From thence the two strips pass together into the crimping or plaiting apparatus, the said apparatus operating to crimp, plait, or shirr the wider strip only, while the narrow strip or band lies flat and is fed in only as fast as the crimps or plaits are formed in the wider strip, (see Fig. 3,) and thus the band, lying flat upon the shirred or plaited ruffle, the two are stitched together by two rows of stitches, as denoted in red. This operation leaves the other edge full, frilled, or ruffled, and the upper stitched edge smooth, even finished, and stiffened, one side showing the plaits or crimps smoothly laid and stitched, and the other side plain and smooth, as see Fig. 3. Therefore,

Having thus fully set forth and described my invention, 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 strip of fabric, shirred, crimped, or plaited, and combined with a band, also made from a single strip of fabric, and the band and ruffle folded and stitched with two rows of stitching, in the manner substantially as herein specified.

C. O. CROSBY.

Witnesses:

A. FRENCH,
JOHN E. EARLE.