

# T Robjohn Ruffle.

N<sup>o</sup> 42403.

Patented Apr. 19. 1864

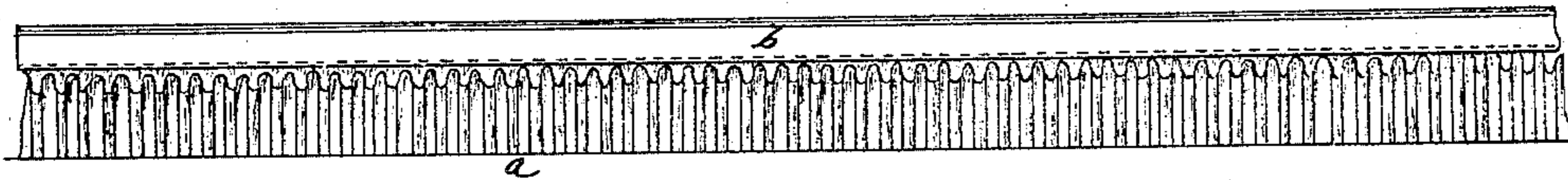


Fig. 1



Fig. 2.

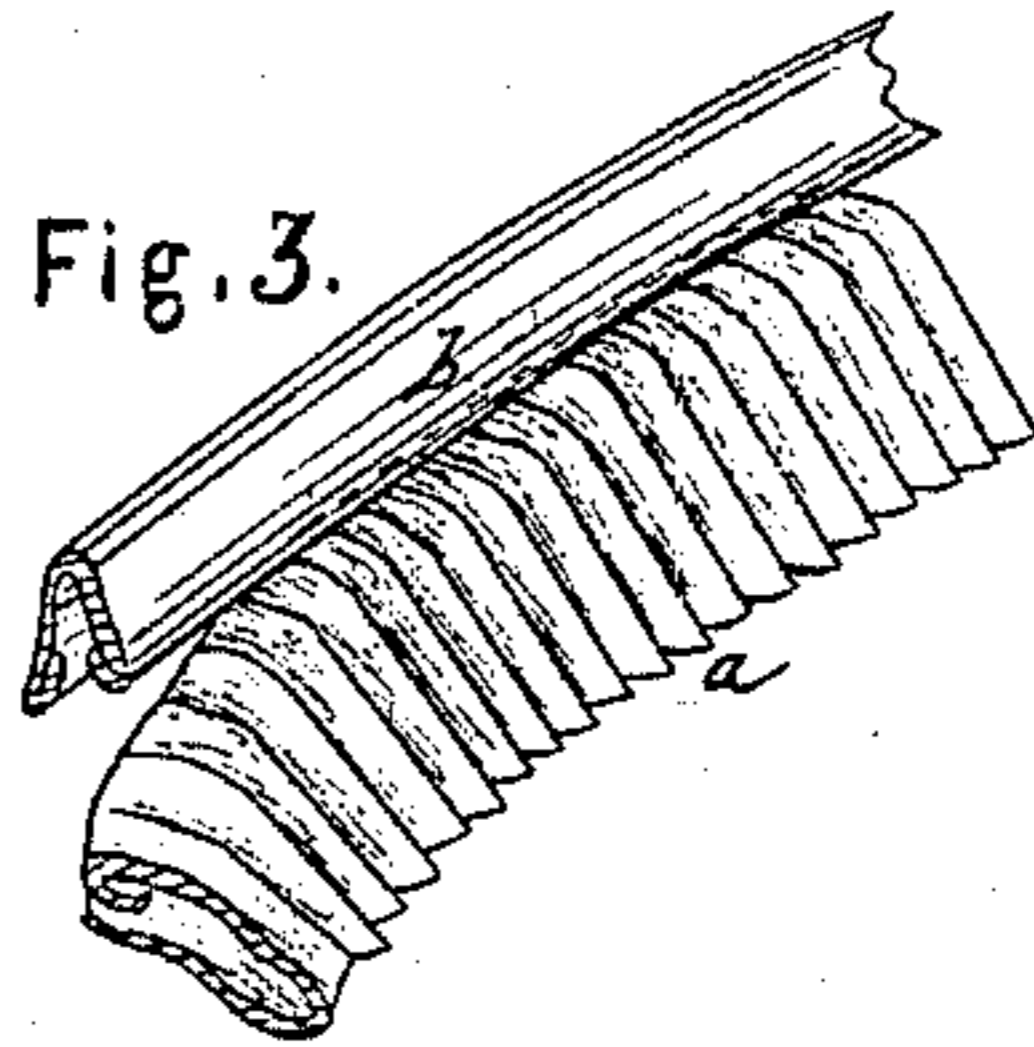


Fig. 3.

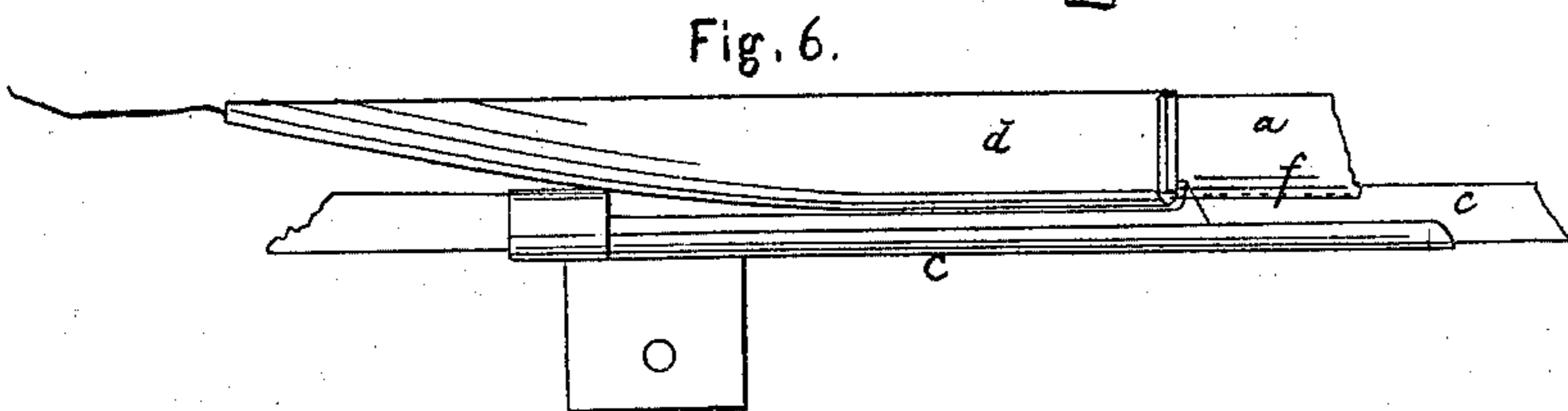


Fig. 6.

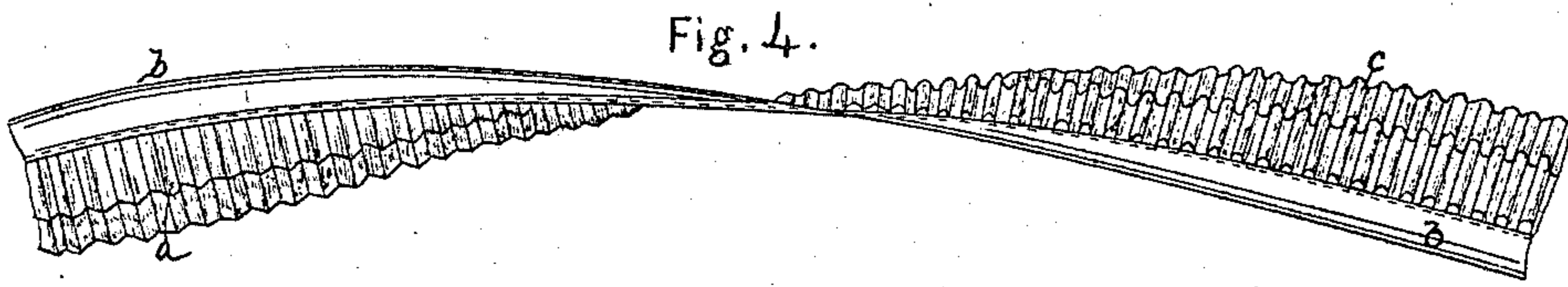


Fig. 4.

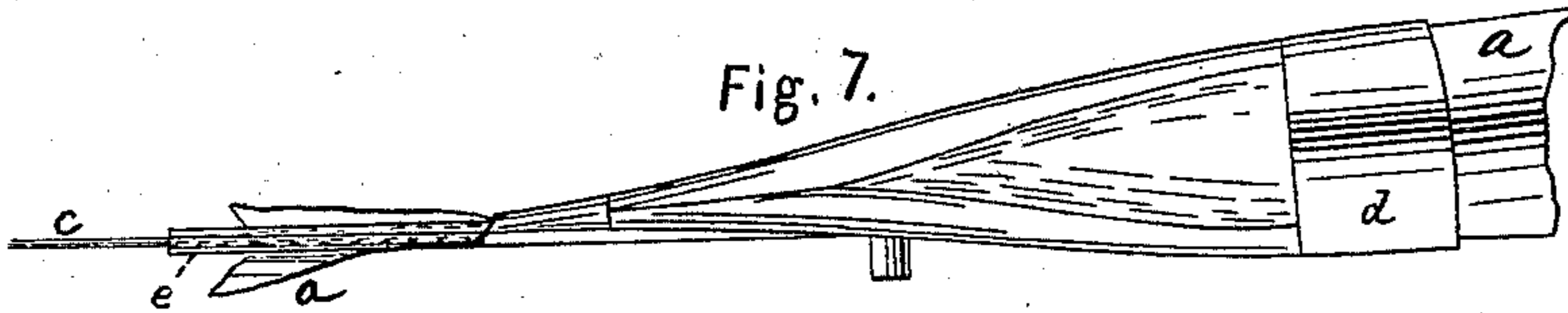


Fig. 7.

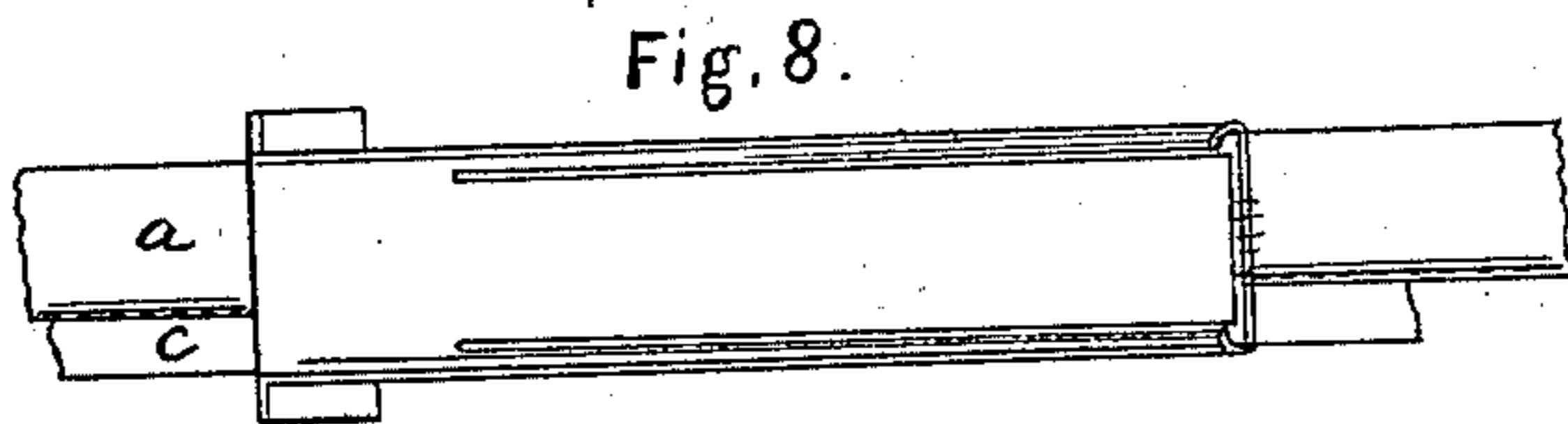


Fig. 8.

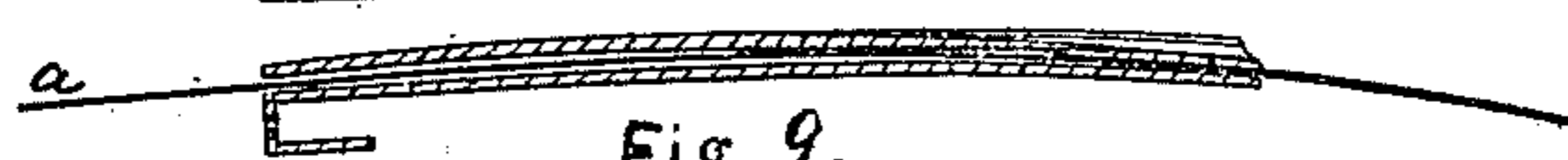


Fig. 9.

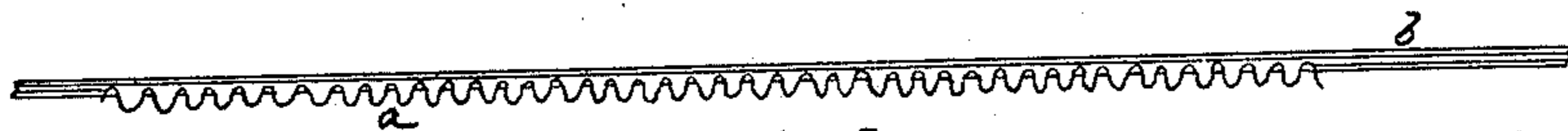


Fig. 5.

Inventor.

Witnesses.

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Atty

# UNITED STATES PATENT OFFICE.

THOMAS ROBJOHN, OF MOTT HAVEN, NEW YORK.

## IMPROVEMENT IN BAND-RUFFLES.

Specification forming part of Letters Patent No. 42,403, dated April 19, 1864; antedated February 19, 1864.

*To all whom it may concern:*

Be it known that I, THOMAS ROBJOHN, of Mott Haven, in the county of Westchester and State of New York, have invented a certain new and useful Improvement in Ruffling; and I do hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, in which—

Figure 1 is a side view of the ruffling without the lace. Fig. 2 is an end view or section. Fig. 3 is an oblique view showing the formation of the ruffling more distinctly. Fig. 4 is a twisted view of the ruffling with the lace attached. Fig. 5 is an edge view. Fig. 6 is a top view of the instrument used in attaching the lace to the ruffling. Fig. 7 is a side view of the same, taken from the upper side of Fig. 6. Fig. 8 is a top view of the instrument from which the ruffling is fed to the crimping-machine. Fig. 9 is a vertical longitudinal section of the same.

My invention and improvement consists in ruffling made double, either with or without lace or edging attached to the upper edge, and with either a single or double band, as may be required.

*a* is the ruffle, made of a single piece of cloth doubled over and the edges secured or stitched to the band *b*, as represented in Figs. 1, 2, and 3.

*c* is the lace or edging sewed or stitched to the upper edge of the ruffling, as represented in Figs. 4, 6, 7, and 8, when required.

*b* is the band sewed or stitched to the folded edges of the ruffle in the ordinary way, and may be either single or double, as the uses for which the ruffling is required may render necessary.

In making this ruffling I feed the material of which the ruffle is to be formed through the part *d* of the feeding-instrument, Figs. 6 and 7, by which it is folded over into proper form, and I feed the lace through the part *e* of the same instrument, by which said parts *d* and *e* the ruffle and lace are brought into proper

form and position for being sewed or stitched together, as represented at the point *f*, Fig. 6, after which I feed the ruffle and lace sewed or stitched together, as described, through the instrument represented in Figs. 8 and 9, into a crimping-machine, or I feed it directly from the instrument, Figs. 6 and 7, into a ruffling-machine; or it may be made by running a draw-string in and shirring it, according to the quality of the ruffling or the purpose to which it is to be applied. Then I attach a single or double band, as required, by running the ruffle and band through a Douglas binder and gage, or through any other suitable instrument.

When I wish to make ruffling without lace attached, I feed the ruffle through the part *d* of the instrument represented in Figs. 6 and 7, to fold it into proper form, and then feed it through the instrument represented in Figs. 8 and 9 into the crimping-machine. Then the band is attached, as before described.

I know that ruffling has been made of a single thickness of cloth, both with and without the attachment of lace, and with a single or double band, but never before to my knowledge has ruffling been made of cloth folded and arranged as herein described.

By this arrangement greater firmness and a higher finish is given to the ruffling, causing it to maintain its form longer after being prepared for use, making it capable of being used for a greater variety of purposes than ordinary ruffling, and giving it a heavier, finer, and richer appearance, thus constituting it a new and useful article of manufacture.

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

A banded ruffle, whether crimped, fluted, ruffled, or shirred, when said ruffle is made of two thicknesses of goods, substantially as herein described.

THOS. ROBJOHN.

Witnesses:

L. A. ROBERTS,  
JAMES T. GRAHAM.