

J. Lofvendahl.

Buttons.

*N^o
32105*

Patented Apr. 16. 1861

Fig. 5.

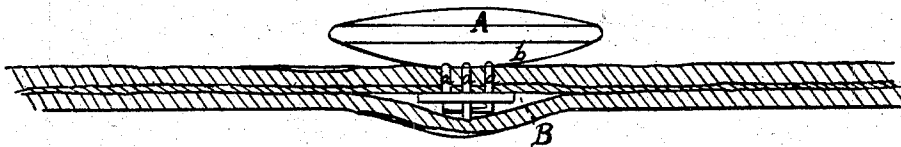


Fig. 6.

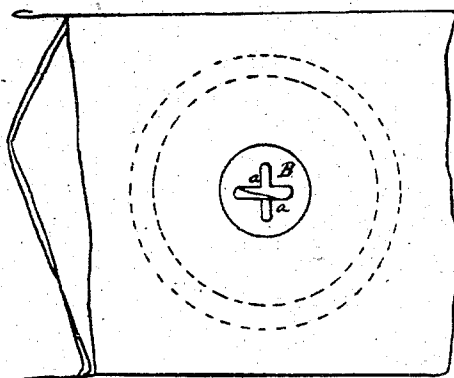


Fig. 3.



Fig. 2.

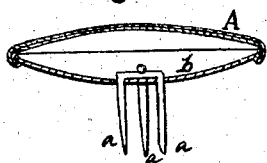


Fig. 1.

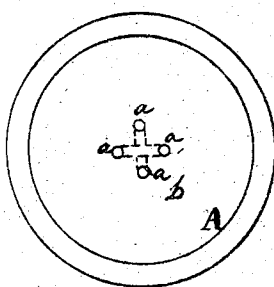
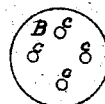


Fig. 4.



*Witnesses
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UNITED STATES PATENT OFFICE.

JOS. LOFVENDAHL, OF EAST BOSTON, MASSACHUSETTS, ASSIGNOR TO HIMSELF, N. P. LINDERGREEN, AND E. EHLLN, OF SAME PLACE.

BUTTON-FASTENER.

Specification of Letters Patent No. 32,105, dated April 16, 1861.

To all whom it may concern:

Be it known that I, JOSEPH LOFVENDAHL, of East Boston, in the county of Suffolk and State of Massachusetts, have invented a new and Improved Device for Fastening Buttons; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing, forming part of this specification, in which—

Figure 1 represents an inverted plan of a button with my device for fastening it, before it is attached to the fabric. Fig. 2 is a vertical central section of the same. Fig. 3 is a detached central vertical section of a plate or disk which constitutes the principal part of my invention. Fig. 4 is a plan of the same. Fig. 5 is a side elevation of my invention when attached to the fabric. Fig. 6 is an inverted plan of the same.

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

This invention consists in the employment of two or more points that are rigidly attached to the collet of a button in combination with a perforated disk, placed at the under side of the fabric to which the button is to be attached in such a manner, that when the button is fastened to the fabric by passing the points through it and bending them down on the under side, said disk forms an additional hold and prevents the button most effectually from becoming loose or detached.

To enable those skilled in the art to make and use my invention I will proceed to describe its construction and operation, with reference to the drawing.

Two or more points *a*, are rigidly attached to the collet *b*, of a button *A*, at equal distances from its center, and in place of the loop or eye generally used for securing a button with thread and needle. These points must be made of soft brass or other metal wire, which will easily bend, so that by passing them through the fabric and turn-

ing them down on the under side, the button can be secured without sewing.

Thus far my invention is similar to the device used by J. O. M. Ingersol, and described in the Letters Patent granted to him August 18, 1857, but said device and all devices of a similar character are impracticable because the points when bent down on the tear and to allow the button to become loose bare fabric are liable to cause the fabric to or detached. In order to overcome this difficulty, I use a disk or washer *B*, perforated with holes *c*, the number and position of which corresponds to the number and position of the points. After the points have been passed through the fabric, the disk is shipped over their ends, and said ends are now bent firmly down upon the disk, thereby clasp ing the fabric tightly between it and the collet *b*. By these means the button is firmly attached to the fabric and it cannot come off except a hole be torn in the fabric, large enough to let the disk pass through it. By using this disk my fastening can be employed with equal advantage for fine and for coarse fabrics, whereas without the disk, the fastening can be used only for coarse fabrics, and even then a button secured by it is liable to become detached in a short time.

I do not claim the points, or a clasp having such points for the purpose of fastening buttons. But

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

The employment of a disk or washer *B*, perforated with holes *c*, corresponding in number and position to the points *a*, attached to the collet of a button *A*, in the manner and for the purpose shown and described.

JOS. LOFVENDAHL.

Witnesses:

W. A. RICHARDSON,
LYMAN MASON.