

JOHN A. OSTBURG.

Improvement in Button-Needles and Fasteners.

No. 116,087.

Patented June 20, 1871.

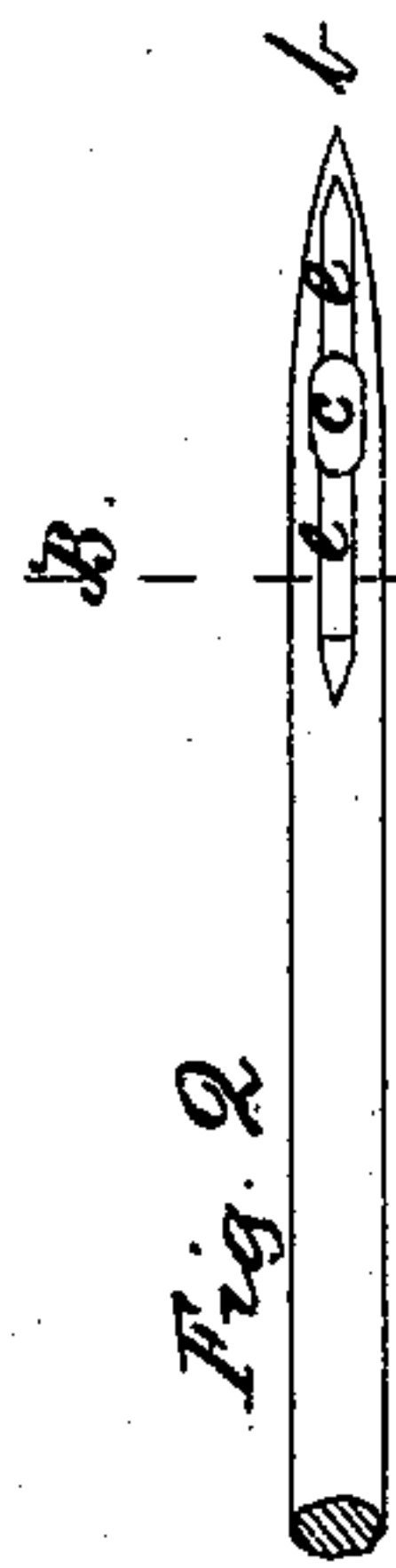
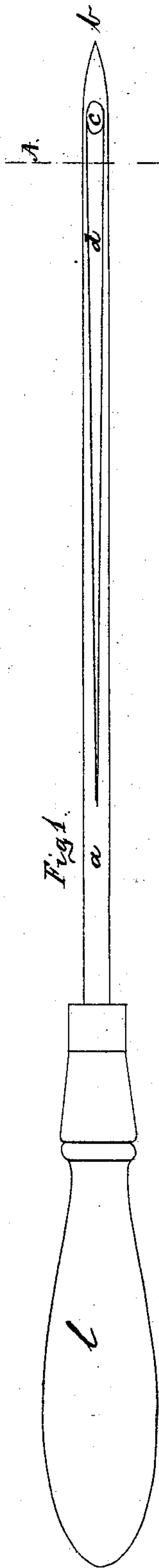
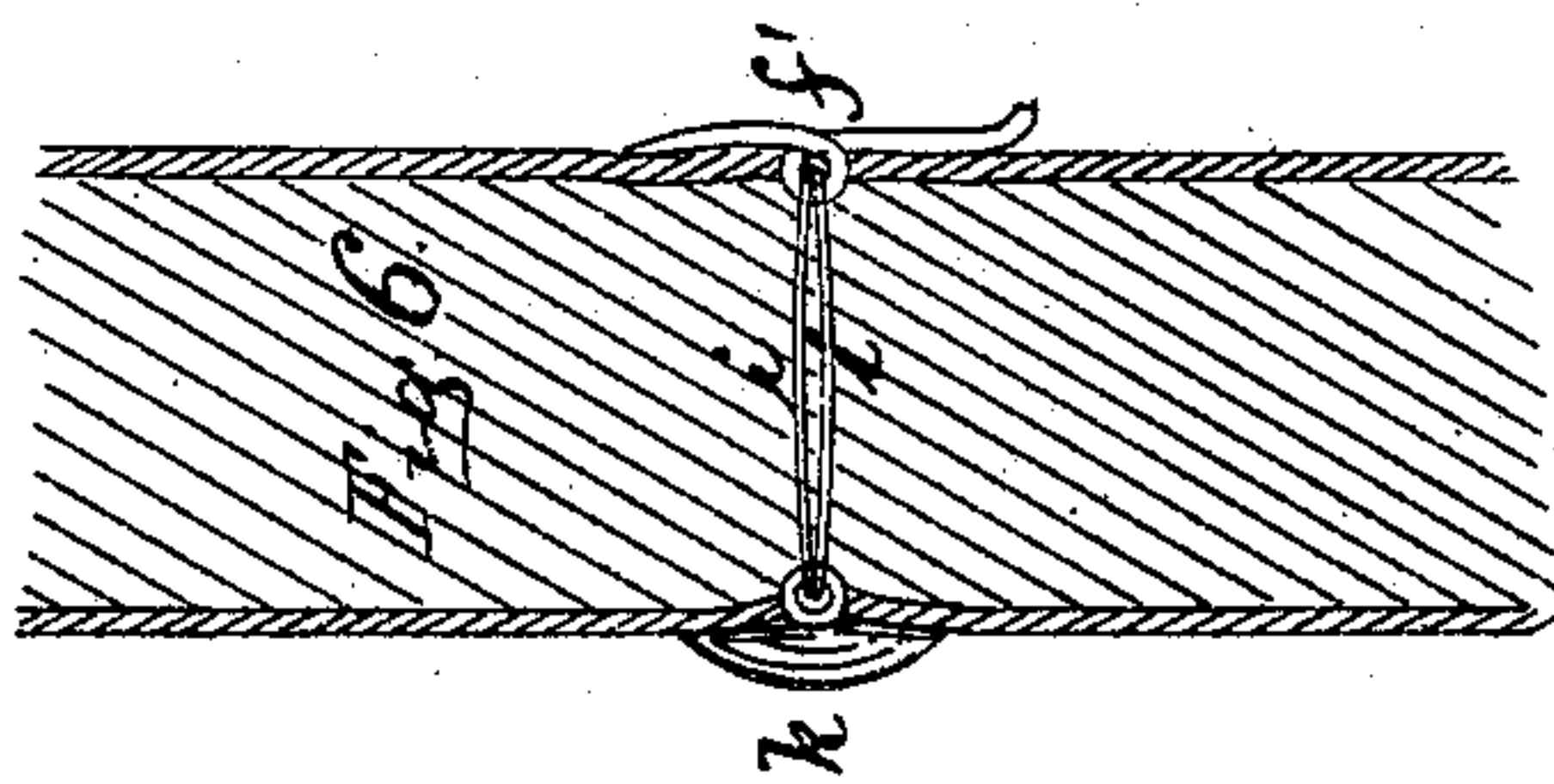
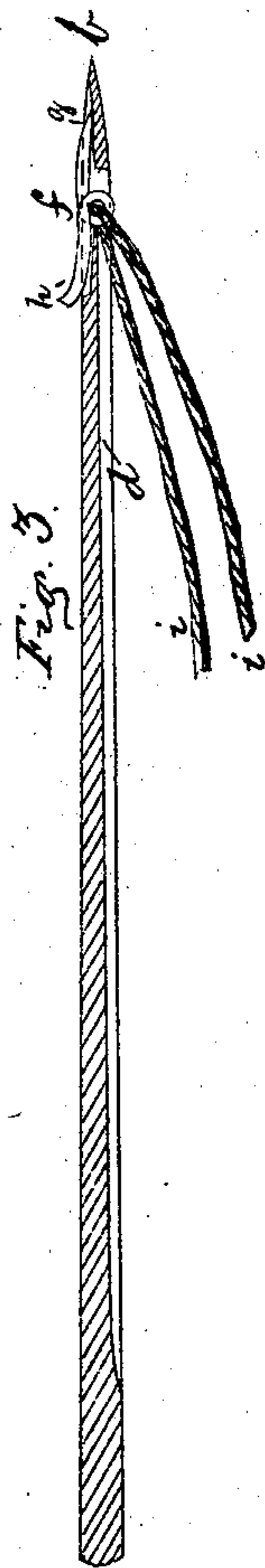


Fig. 4.
d B c



Inventor:
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Witnesses:
H. J. Slavin
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UNITED STATES PATENT OFFICE.

JOHN AUGUST OSTBURG, OF BOSTON, MASSACHUSETTS.

IMPROVEMENT IN BUTTON-NEEDLES AND FASTENERS.

Specification forming part of Letters Patent No. 116,087, dated June 20, 1871.

To all whom it may concern:

Be it known that I, JOHN AUGUST OSTBURG, of Boston, in the county of Suffolk and State of Massachusetts, have invented a new and useful Button-Needle and Fastener, of which the following is a specification:

Nature and Objects of the Invention.

The nature of my invention relates to a needle and fastener for attaching buttons to carriage-linings, upholstery, &c., for which purpose the needle is provided with an eye and recess, into which the fastener is kept, during the insertion of the needle, by means of a cord; but when the needle is withdrawn the fastener separates from the needle and remains on the outside, when the button can easily be attached thereto, as will now be fully shown and described.

On the drawing, Figure 1 is a front view of the needle without the fastener. Fig. 2 is a rear view of the same. Fig. 3 is a central longitudinal section of Fig. 1, with the fastener shown attached thereto. Fig. 4 is a cross-section over the line A B as taken on Fig. 1. Fig. 5 shows side and end views of the fastener, and Fig. 6 shows the manner in which the button is attached to a fastener.

It has heretofore been an annoying operation to insert buttons in upholstery, carriage-backs, sides, and seats, &c., where the back was covered with wood or such material that a needle could not be put through it. The common way to effect this has been to bore a number of holes in the back of the upholstery through the wood, exactly opposite where each button had to be placed, and then to sew through these holes in the back in a usual way. A still greater difficulty was to insert buttons in old carriage-seats, &c., where the rear side was not accessible.

To avoid these difficulties is the purpose of my invention, wherefore I construct it as follows: *a* on Fig. 1 is a needle, straight or crooked, as circumstances may require, pointed at *b*, and provided with an eye, *c*, near the point *b*, as shown. On the front side of the needle, from the eye downward, is a groove, *d*, cut, wherein the cord is kept that is used for the fastening of buttons. On the rear side of the needle is a small groove, *e e*, cut on

each side of the eye *c*, wherein the fastener *f* is made to rest during operation. The forward end of the fastener *f* is pointed, so as to make no resistance through the upholstery; the rear end *h* of the fastener is bent upward a little, so as to prevent the fastener from slipping through when the needle is drawn back through the upholstery. The fastener *f* has, in the middle, an eye, through which the cord used for fastening the buttons is threaded. The fastener *f* is shown as being made of bent wire; but it may also be made pressed out of a solid sheet of metal, or cast, or wrought, as may be desired.

To operate my needle and fastener for the purpose of inserting or replacing buttons in upholstery, &c., it is only needed to put a thread or cord through the eye of a fastener, *f*, and to place the fastener in the grooves *e e*, in a position as shown on Fig. 3. The cords *i i*, being held tight in the operator's hand when the needle is pierced through the upholstery, carry with them the fastener *f*. When the needle is put through the back of the upholstery so far that the whole fastener is on the outside, I draw the needle back again; the hook *h*, on the rear end of the fastener, prevents it from slipping through the upholstery again; and when the cords *i i* are drawn together tightly, the fastener will take a position as shown at *f'* on Fig. 6. A button, *k*, can now easily be tied to the cords *i i* in a usual way without the need of boring any holes through the frame or ripping away the upholstery, as of old, thus saving a great deal of time and labor.

Having thus fully described the nature, construction, and operation of my invention, I wish to secure by Letters Patent and claim—

1. As a new article of manufacture, the eye-pointed needle *a*, constructed so as to carry the fastener or anchor *f*, as fully set forth and described.

2. The fastener *f*, provided with an eye, and having one end, *g*, pointed and the other end *h* curved, in a manner and for the purpose as fully set forth and described.

JOHN A. OSTBURG.

Witnesses:

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