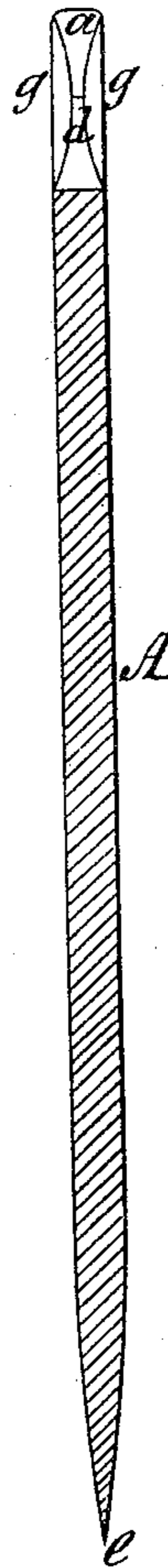
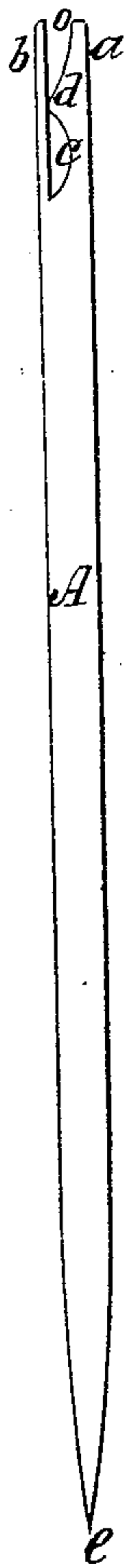


O. Low
Tag Needle.

N^o 53638

Patented Apr. 3. 1866



Witnesses.

Geo. Wood.

Amos Cheney

Inventor.

Oscar Low

UNITED STATES PATENT OFFICE.

OSCAR LOW, OF CHELSEA, MASSACHUSETTS.

IMPROVEMENT IN TAG-NEEDLES.

Specification forming part of Letters Patent No. 53,638, dated April 3, 1866.

To all whom it may concern:

Be it known that I, OSCAR LOW, of Chelsea, in the county of Suffolk and State of Massachusetts, have invented a new and useful or Improved Tag-Needle, or implement for attaching a tag or label to a piece of cloth or other article; and I do hereby declare the same to be fully described in the following specification and represented in the accompanying drawings, making a part thereof.

Of such drawings, Figure 1 is a side elevation, and Fig. 2 a longitudinal section, of the said needle.

The nature of my invention consists in a peculiar construction of the head or upper part of the needle, whereby not only can the tag-thread or loop be either readily inserted in the eye of the needle or as readily removed therefrom, as may be desirable, but such loop or thread, when inserted within the eye, be easily passed through the article to be tagged.

It is a fact well known that the method heretofore adopted for applying looped tags to cloths and various other textile fabrics has not only been attended with serious inconvenience and trouble, but has involved the expenditure of a great amount of time and been productive of more or less injury to the article to which the tag was applied. To remedy these difficulties has been the object of my invention.

Many tags or labels, as now manufactured and sold in the market, are provided with a loop of twine or thread by which the label is to be attached or connected to an article. In drawing such loop through the cloth or article to be tagged by means of a barb-pointed needle not only is much difficulty experienced, but more or less injury results to the fabric by the breakage of the fibers thereof.

My invention is intended for the application of this latter class of tags to articles, and completely obviates the above-mentioned evils. In carrying out the same I construct the needle A of steel or other suitable metal, and with a bifurcated head, *a* and *b*, being the two parts thereof.

e is the point of the needle. *o* is an angular notch or recess formed in the upper end of the needle, as seen in the drawings. The object of such notch is to receive the tag-thread and guide it into the eye of the needle.

On the inner side of one part of the head—viz., *a*—I form a projection or hook, *d*, the inner surface of which constitutes the upper part of the eye *c*, as shown in the drawings. The other part—viz., *b*—I make as a thin flat spring, the same forming one side of the said eye. The said spring may be made either in one piece with the remainder of the needle, or may be formed of a separate piece of metal and be riveted or otherwise attached thereto. Furthermore, in order that the loop or tag-thread, while being passed through the cloth or material to which a tag is to be attached, shall offer the least possible resistance, I form a channel or groove, *g*, in each side of the head, which shall be equal to, or about equal to, the diameter of the thread used, each of such grooves leading from the eye to the upper end of the needle. The eye *c*, as shown in the drawings, is formed in one part, *a*, of the head; but it is evident that the head might be split axially and each of the parts *a* *b* be made with a projection extending from the inner surface, in which case one-half of the eye would be formed in each of the said parts; but this mode I do not consider so good as that above described, and represented in the drawings.

A needle constructed in my improved manner has been found to be of great practical value for the purpose for which it is designed.

I do not claim a bodkin or needle formed with a split or furcated shank, as I am aware that such is not new; but

What I do claim is—

My improved tag-needle, made substantially in manner and for the purpose as above set forth.

OSCAR LOW.

Witnesses:

O. B. HALL,
HAMLETT BATES.