

W. H. Marriott,

Needle.

No. 86,769.

Patented Feb. 9. 1869.

Fig. 1.

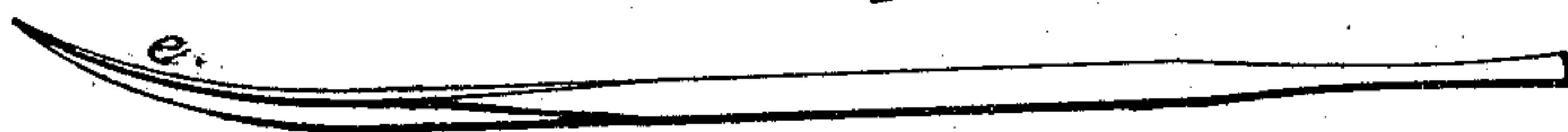


Fig. 2.

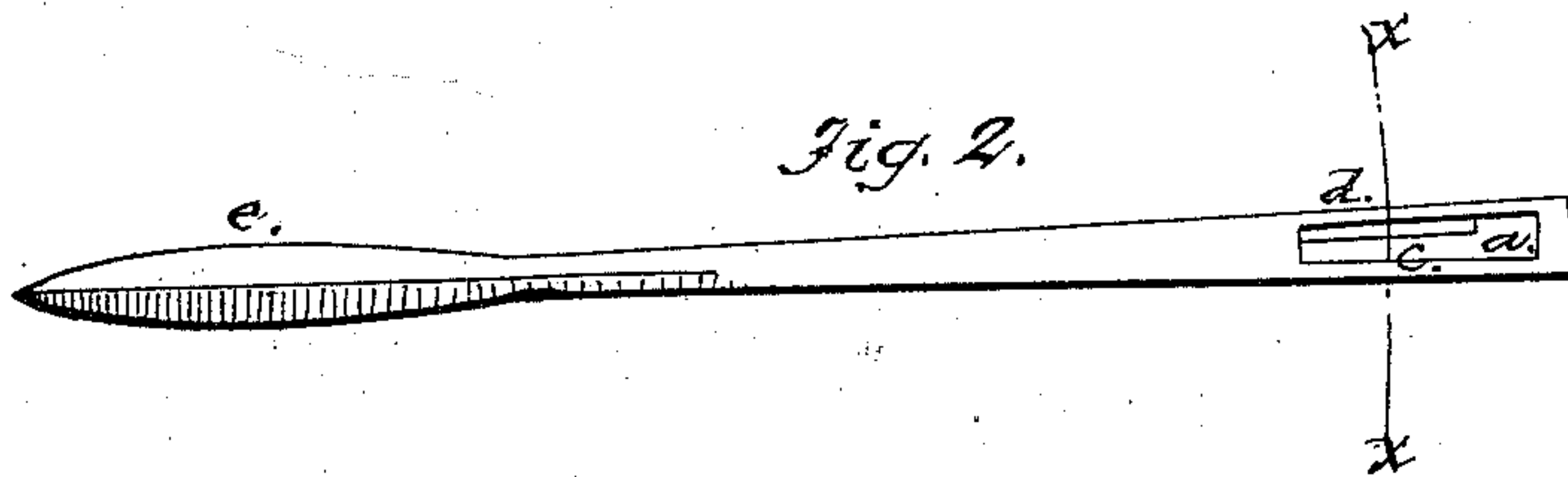


Fig. 3.



Witnesses:
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WILLIAM HADDON MARRIOTT, OF BALTIMORE, MARYLAND.

Letters Patent No. 86,769, dated February 9, 1869.

IMPROVEMENT IN NEEDLES.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, WILLIAM HADDON MARRIOTT, of Baltimore, in the county of Baltimore, and State of Maryland, have invented a new and useful Improvement in Packing-Needles; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

This invention relates to a new and useful improvement in needles for sewing canvas and other heavy and thick material, which needles are known as "packing-needles;" and

The invention consists in forming a cutting-edge in the eye of the needle, for cutting the thread when desired, without resorting to a knife for that purpose, thus saving much time, and greatly facilitating the work.

In the accompanying plate of drawings—

Figure 1 is a longitudinal side view of the needle, showing the curved end or blade.

Figure 2 is a longitudinal top view, showing the eye, and the cutting-edge within the eye.

Figure 3 is a cross-section of the cutting-edge through the line *xx* of fig. 2.

Similar letters of reference indicate corresponding parts.

My object in this invention is to provide a needle for sewing thick sacking for packages, and for other purposes, with a knife or cutting-edge attached in such a manner as not to be in the way of the thread, and so as not to injure the hand of the person using the same.

a represents the eye of the needle, and *c* is a slot

forming a part of the eye toward the point, which extends the whole length of the cutting-edge *d*.

The edge of this knife *d* (or cutting-edge) is flush with the side of the needle, as seen in fig. 3, and the blade *e* of the needle is of the same width as the other, or eye-end, so that the passage of the needle through any material which admits of sewing cannot be obstructed.

The shoulder at the end of the cutting-blade prevents the thread from leaving the eye proper, when using the needle, and the form of the knife, the edge being flush with the side, allows the edge to be sharpened by simply grinding or filing the side of the needle.

Needles thus constructed are of great use in sewing heavy canvas, or similar material, when the thread is too large or strong to be readily broken when it is desired to part it, as it is always necessary to have a knife at hand for parting the thread.

By having a knife or cutting-edge in the eye of the needle, as represented, much valuable time is saved, and much trouble and annoyance in hunting for a knife are avoided.

Having thus described my invention,

I claim as new, and desire to secure by Letters Patent—

In combination with a packing-needle, or needle for other purposes, the cutting-edge *d*, arranged substantially as and for the purposes herein shown and described.

WM. HADDON MARRIOTT.

Witnesses:

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