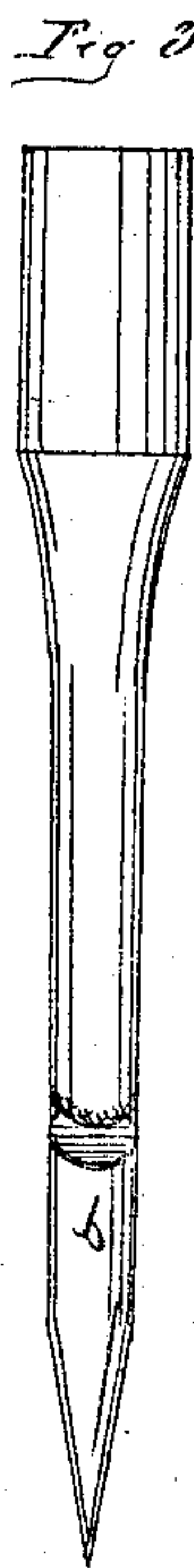
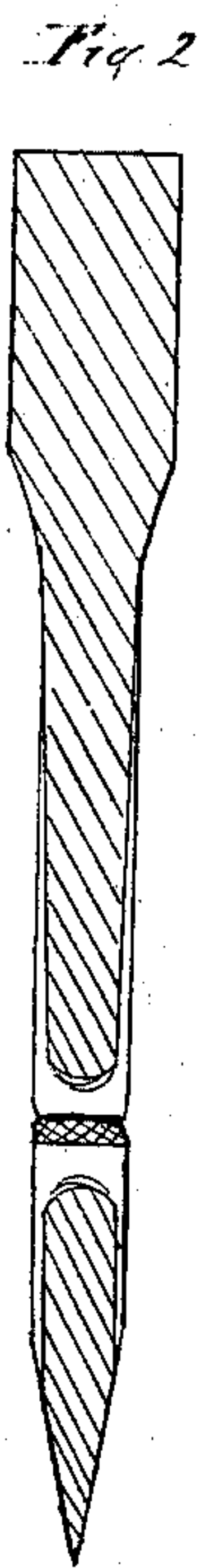
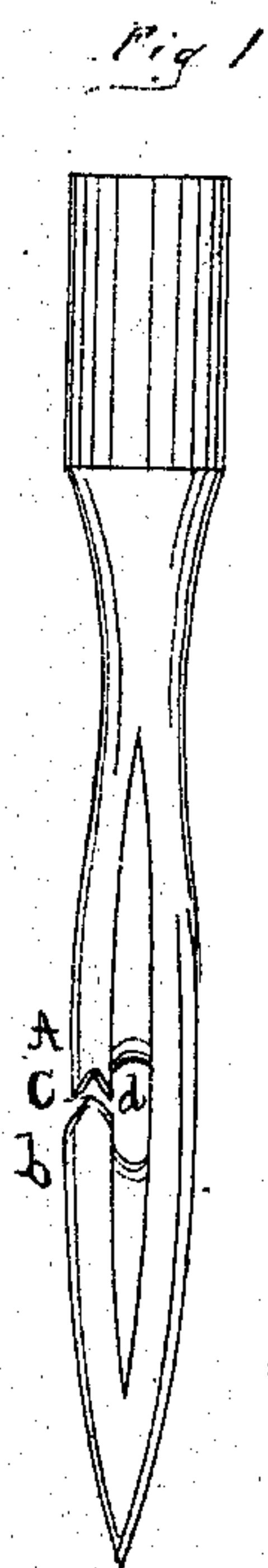


*H. G. Suplee,
Sewing Machine.*

No. 94,924.

Patented. Sept 14, 1869



*Witnesses
J. J. Hayes.
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United States Patent Office.

HANNAH G. SUPLEE, OF SAN FRANCISCO, CALIFORNIA.

Letters Patent No. 94,924, dated September 14, 1869.

IMPROVEMENT IN SEWING-MACHINE 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, HANNAH G. SUPLEE, of San Francisco, in the county of San Francisco, and State of California, have invented a new and improved Sewing-Machine Needle; and I do hereby declare that the following is a full and exact description of the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

My invention consists in constructing the eye of the needle with a double inverted V-shaped slot, to form the necessary joint, through which the thread may be drawn, without the necessity of inserting the end of the thread through the eye, as in the usual way.

In the drawings—

Figure 1 is a section; and

Figures 2 and 3 are enlarged views of a sewing-machine needle, having my improvements.

To enable others skilled in the art to make and use my invention, I will proceed to describe fully its construction and operation.

A represents the slot or opening, which in form resembles an inverted double V, which is cut obliquely through one side of the eye of the needle, about midway with the points or inner vertex, rounded so that no acute angles will appear, to cut the cloth when it is passing through.

At the side of the eye of the needle, immediately below the slot, is a projection, *b*, which extends a little beyond the part of the eye above the slot, so that as the needle enters the fabric, the part or point *c* of the upper part of the slot will not engage or catch the cloth.

Also, the needle is withdrawn from the stitch without lifting the fabric, or any perceptible difference in its operation from that of the ordinary needle, yet the perforations of my needle in the cloth will be a little larger, but will not prevent the finest stitch from being made.

The slot is made obliquely, to more effectually prevent the thread from being carried out of the eye in its operation.

The upper lip or point of the slot may extend nearer the shoulders or lower lip of the slot, according to the size of the needle and the thread employed.

Thus it will be clearly seen that my needle may be threaded by persons having poor eyesight, or even in the dark, by simply taking the thread between the fingers of both hands, and raising it up to the depression of the slot, and carrying it over the centre or inner point, and down the opposite incline or radii to the eye of the needle.

Having thus described my invention,

What I claim, and desire to secure by Letters Patent, is—

The within-described needle for sewing-machines, having a slot or opening, *A*, from the eye, with points *c d* and projection *b*, substantially as and for the purpose set forth.

In witness whereof, I have hereunto set my hand and seal.

HANNAH G. SUPLEE. [L. S.]

Witnesses:

C. W. M. SMITH,

H. S. TIBBEY.