

C. R. S. CURTIS.
Sewing Machine Needle.

No. 105,433.

Patented July 19, 1870.

Fig. 1

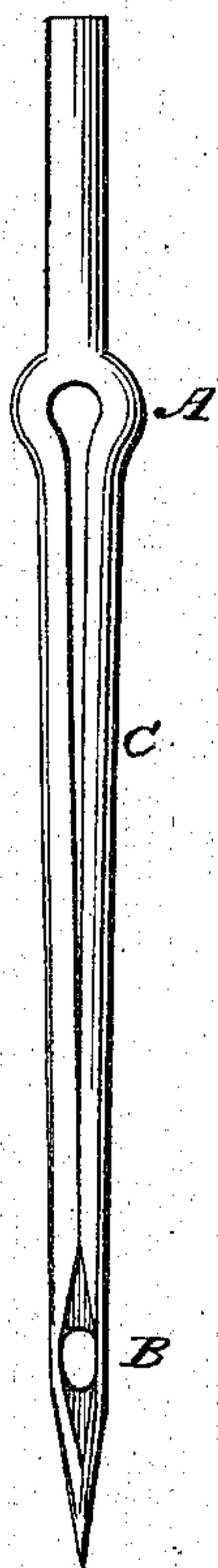
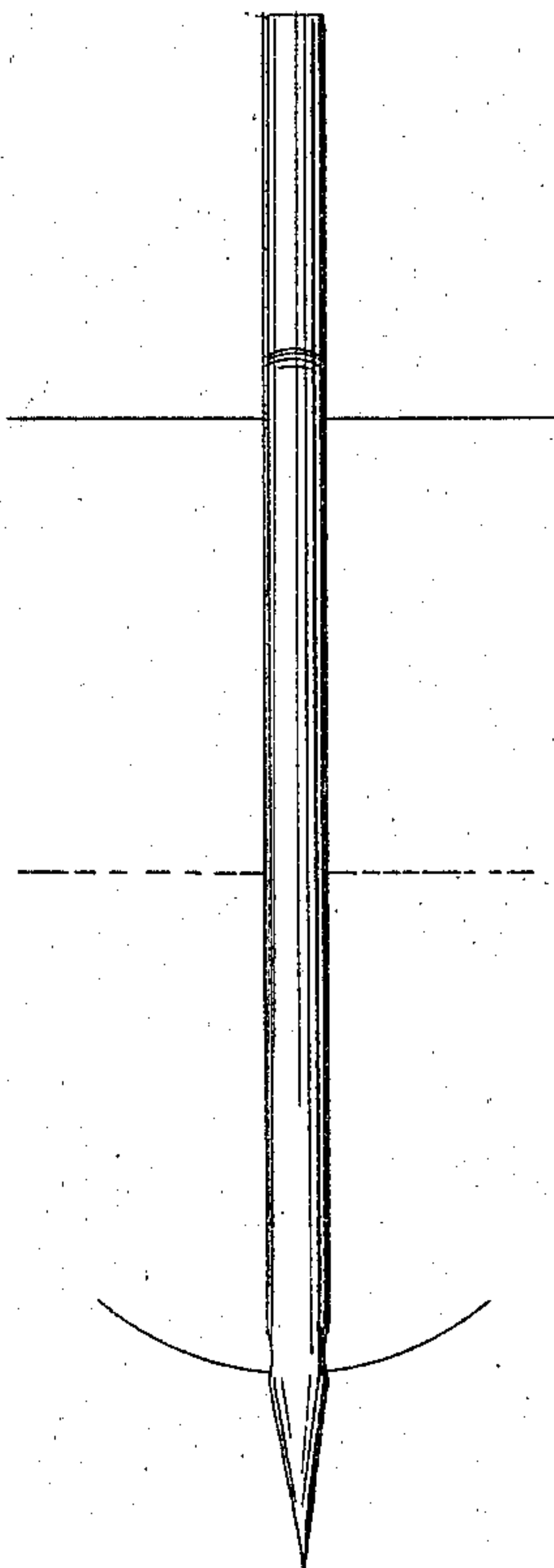


Fig. 2



Witnesses

J. C. Smith
Samuel Burdley.

Inventor

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United States Patent Office.

CHARLES R. S. CURTIS, OF QUINCY, ILLINOIS.

Letters Patent No. 105,433, dated July 19, 1870.

IMPROVEMENT IN NEEDLE FOR SEWING-MACHINE.

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, CHARLES R. S. CURTIS, of Quincy, in the county of Adams and State of Illinois, have invented a new and valuable Improvement in Sewing-machine Needles; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings making a part of this specification, and to the letters and figures of reference marked thereon.

The object of my invention is to construct a sewing-machine needle that can be more easily threaded than any similar device heretofore known or used.

To this end I construct a needle in the form shown on the drawings, and especially set forth by Figure 1.

The letter A on said figure is a representation of a large eye, formed by an enlargement of the needle near its upper extremity.

Letter B is a small eye near the point of the needle, in which the thread is held when the needle is at work.

Letter C is a slit extending from the large eye A, to the small eye B, and entering the eye B on one side thereof.

There is a groove on one side of my needle, also extending from eye A to eye B.

My device is operated as follows:

When I desire to thread the needle, I pass the end of the thread through the large eye A. I then take hold of the thread on each side of the needle and force it down the slit C until it reaches and rests in the eye B.

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

The sewing-machine needle herein described, having the large upper eye A, and the small lower eye B, connected by the slit C, as described, and for the purpose specified.

CHARLES R. S. CURTIS.

Witnesses:

M. R. BUTZ,
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