

A. HUSTON.
Needle Threader.

No. 69,997.

Patented Oct. 22, 1867.

Fig. 4.



Fig. 3.



Fig. 2.

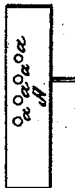
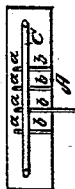


Fig. 1.



Witnesses:
Samuel A. Piper.
Lauritz Miller.

Arthur Huston.
by his Attorney
R. W. Ledy.

United States Patent Office.

ARTHUR HUSTON, OF BRISTOL, MAINE.

Letters Patent No. 69,997, dated October 22, 1867.

IMPROVEMENT IN NEEDLE-THREADERS.

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

TO ALL PERSONS TO WHOM THESE PRESENTS SHALL COME:

Be it known that I, ARTHUR HUSTON, of Bristol, in the county of Lincoln, and State of Maine, have invented a new and useful or improved Needle-Threader, or apparatus for facilitating the threading of a sewing-needle; and I do hereby declare the same to be fully described in the following specification, and represented in the accompanying drawings, of which—

Figures 1 and 2 are side elevations,

Figure 3 a transverse section, and

Figure 4 a longitudinal section of it.

In such drawings A denotes a bar or parallelopiped of metal, provided with a series of conical or tapering holes, *a a a*, made laterally through it, each hole having a size or diameter varying from that next to it. These holes are arranged at equal or about equal distances apart, and each one of them, at its smaller extremity, opens into the upper part of one of a series of grooves, *b b b*, formed within one side of the block A, and arranged therein as represented. These grooves are to be of different sizes or widths, each being made so as to be capable of receiving a needle. A spring, *c*, extends across these grooves, and is affixed at its opposite ends to the block A. It serves to hold a needle in either of the grooves when placed therein ready for being threaded. With this little implement a needle of almost any size commonly used can be threaded with facility, such needle being first introduced into the groove *b*, of the proper size or width for its reception. The eye of the needle being brought into correspondence with the tapering hole leading into such groove, the thread is to be passed through such hole and into the eye.

I am aware that needle-threaders have been made with a tapering guide or hole for directing the thread into the eye of the needle, therefore I do not claim such.

What I claim as my invention is—

The improved needle-threader, made substantially as described, viz, with the spring *c*, the series of grooves *b*, varying in their sizes, and the series of conical or tapering holes *a*, varying in their sizes, arranged together, and with the block or bar A, as specified.

ARTHUR HUSTON.

Witnesses:

HENRY C. HUSTON,
HENRY CHAMBERLAIN.