

E. Eaton.

Thread Pointer

Nº 68858

Patented Sep. 17. 1867

Fig. 1.

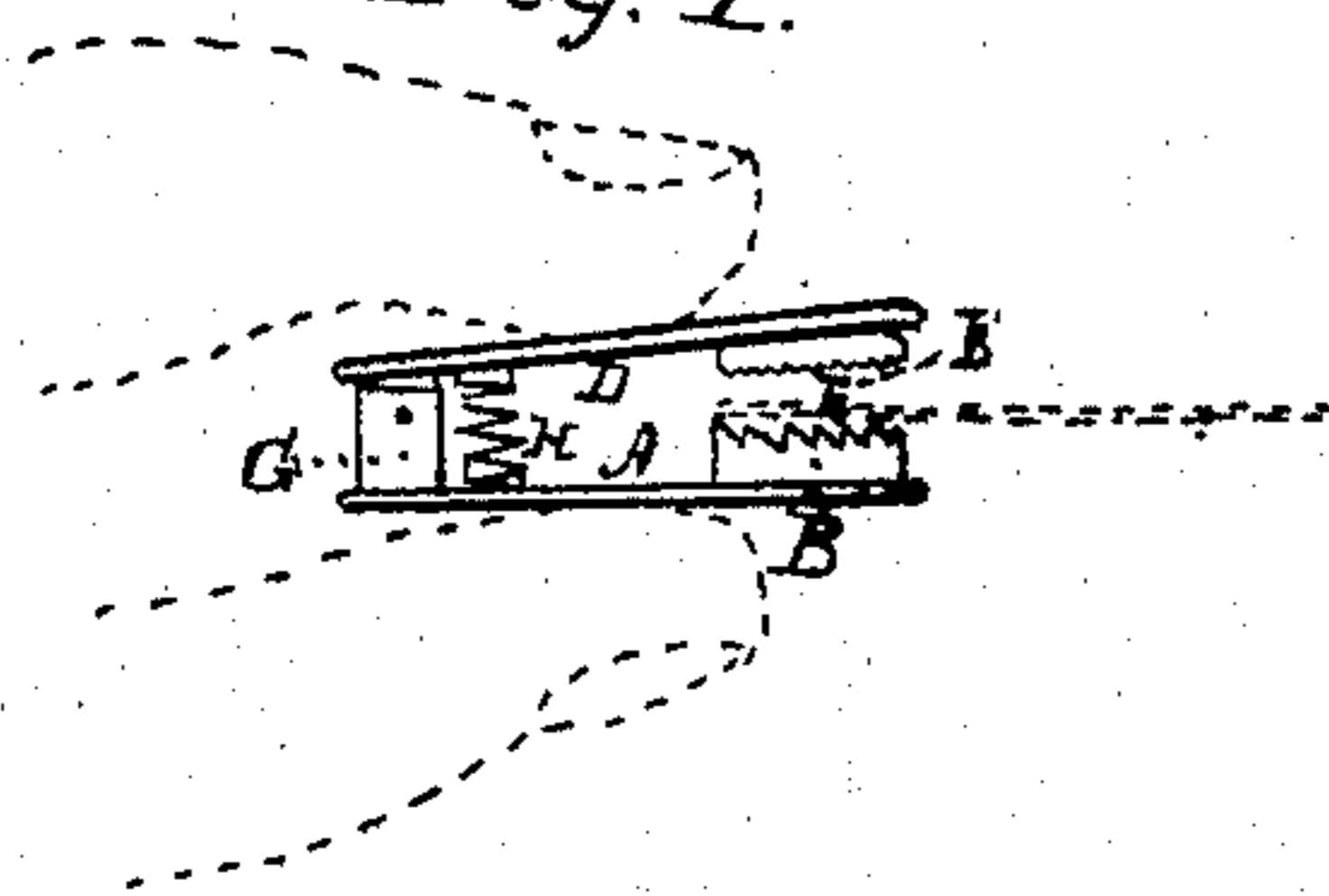


Fig. 3.



Fig. 2.



Witnesses

Jacob H. Mathews
Timothy E. Steele

Inventor

Elijah Eaton

United States Patent Office.

ELIJAH EATON, OF HARTFORD, CONNECTICUT.

Letters Patent No. 68,858, dated September 17, 1867.

IMPROVEMENT IN THREAD-POINTERS.

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, ELIJAH EATON, of the city of Hartford, county of Hartford, and State of Connecticut, have invented a new and useful article for the convenience of Threading Needles; and I do hereby declare that the following is a correct description thereof, reference being had to the accompanying drawing, and to the letters of reference marked thereon.

The nature of my invention consists in the construction and arrangement of a pair of small serrated and corrugated jaws, actuated by a spring, to receive the end of the thread between them, to point it, previous to being passed through the eye of the needle.

To enable others skilled in the art to make and use my invention, I will proceed to describe the same. The drawing—

Figure 1, is a side view of the pointer.

Figure 2, the face of the lower jaw.

Figure 3, the face of the upper jaw.

The lower metallic plate, fig. 2, A, I make of the required size, as shown in the drawing, with a small raised projection, B, the face of which is serrated transversely. At the back part, I attach permanently the standard C. The upper plate D is of a similar form as the lower one A, and has a corresponding projection, E, the face of which has sharp small corrugations, in imitation of the teeth of a file, and at the back end is a flat projection, F, to form a hinge, by being inserted in the mortise between the two upright sides of the standards C. A small pin passes through the same to make it a movable joint. On the face of both the upper and lower jaws is a small stud, G, to steady the spiral spring H, which encircles them. The spiral spring H, or its equivalent, is placed on the studs G, and presses against the two plates A and D, to keep them open and extended after being pressed together by the action of the thumb and finger when in operation.

To use this article, the person takes hold of the thread near the end and passes the end between the two jaws, which are then compressed on to the same, and it is then pulled out, which will form the necessary point for passing through the eye of the needle.

The object of this invention is in its utility and use for all classes engaged in sewing, particularly for persons with imperfect or weak or injured front teeth. It will be convenient on the work-table, or can be attached to a sewing machine, or any other position. I do not confine myself to the position, shape, or size of the article, but to the arrangement as herein stated.

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

A thread-pointer, consisting of the hinged plates A and D, the ends of which are provided with projections B and E, the faces of which are corrugated, serrated, or provided with a file surface, substantially as and for the purpose specified.

ELIJAH EATON.

Witnesses:

TIMOTHY E. STEELE,

JACOB W. MATHEWSON.