

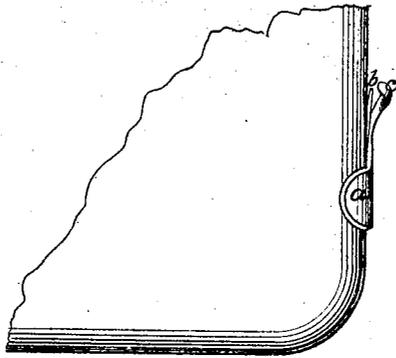
G. H. DIMOND.

Improvement in Thread Cutter for Sewing Machines.

No. 123,772.

Patented Feb. 20, 1872.

*Fig. 1.*



*Fig. 2.*



Witnesses:  
Jacob Fulbel  
E. Wolff

Inventor:  
Geo. H. Dimond  
By his Attorney  
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# UNITED STATES PATENT OFFICE.

GEORGE H. DIMOND, OF BRIDGEPORT, CONNECTICUT.

## IMPROVEMENT IN THREAD-CUTTERS FOR SEWING-MACHINES.

Specification forming part of Letters Patent No. 123,772, dated February 20, 1872.

### SPECIFICATION.

*To all whom it may concern:*

Be it known that I, GEORGE H. DIMOND, of Bridgeport, of Fairfield county, in the State of Connecticut, have invented a new and useful Improvement in Sewing-Machine Thread-Cutters; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon.

Previous to my invention a variety of devices have been suggested and employed in connection with sewing-machines to serve the purpose of cutting off the thread used in sewing in the manipulation of the work.

As it is necessary in the use of the sewing-machine to frequently cut the thread, and, at the same time, so cut it that the ends will be left of a convenient but not unnecessarily great length, it is important to have the cutting device so arranged or located relatively to the needle and work-plate or table that the severing of the thread may be effected conveniently, and so that the ends will be just about long enough to enable the operative to readily restart the sewing operation. It is, also, necessary to have the thread-cutting mechanism or device comparatively simple and inexpensive, while it is perfectly efficient in its operation, durable, and not liable to get out of working order.

To provide, in connection with the sewing-machine, a thread-cutting mechanism which shall, in its combination with the machine, embrace all the advantages alluded to is the object of my invention, which consists in a cutting device such as hereinafter described.

To enable those skilled in the art to make and use my invention, I will more fully describe

the same, referring by letters to the accompanying drawing, in which—

Figure 1 is a top view of a portion of the work-plate or table of a sewing-machine with my improved cutter attached, and Fig. 2 is a perspective view of the cutter.

Similar letters indicate like parts in the two figures.

My improved cutter is formed, as seen, of a metal shoe-piece, *a*, provided with a knife-edge, *b*, soldered or brazed on. This instrument is so shaped, with a point at *c* which protrudes, as to insure the guidance of the thread to the knife-edge *b*. A small screw, *d*, is so arranged in the metal shoe-piece as to enable it to be readily secured at any desired point on the work-plate.

In the use of my improved device, the thread is pulled over the edge of the work-plate and between it and the point *c* of the shoe *a*, from whence it is directed against and cut by the knife-edge *b*. In the application of my invention to different kinds of machines, the cutting device is so located and secured as the character of the machine and convenience will suggest.

Having described the construction and operation of my improved cutter, what I claim as new, and desire to secure by Letters Patent, is—

The thread-cutter described, constructed substantially as and for the purpose set forth.

In testimony whereof I have hereunto set my hand and seal this 9th day of November, 1871.

GEORGE H. DIMOND. [L. S.]

In presence of—  
GEO. P. CUPEN,  
F. HURD.