

(No Model.)

W. F. FUESSENICH.

COMBINED NEEDLE CLAMP AND THREAD CUTTER FOR SEWING MACHINES.

No. 284,124.

Patented Aug. 28, 1883.

Fig. 1.

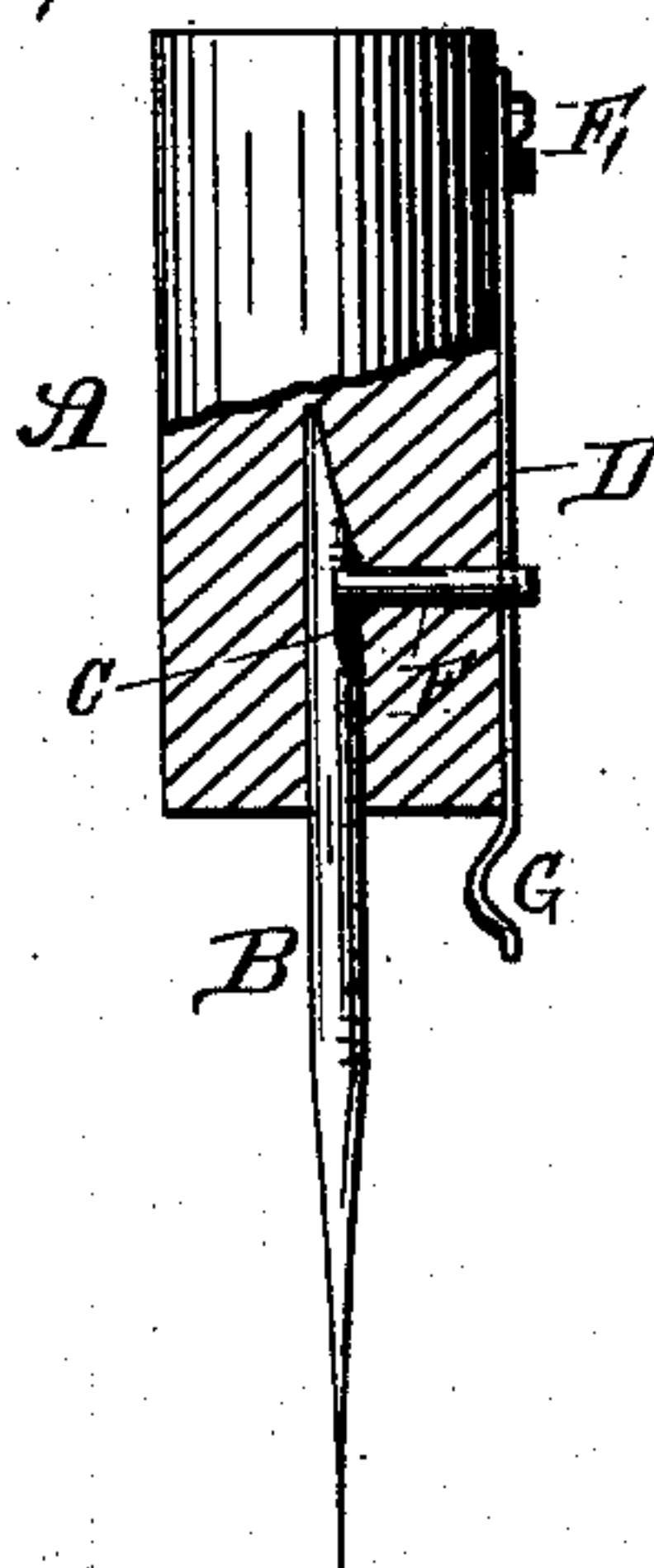


Fig. 2.

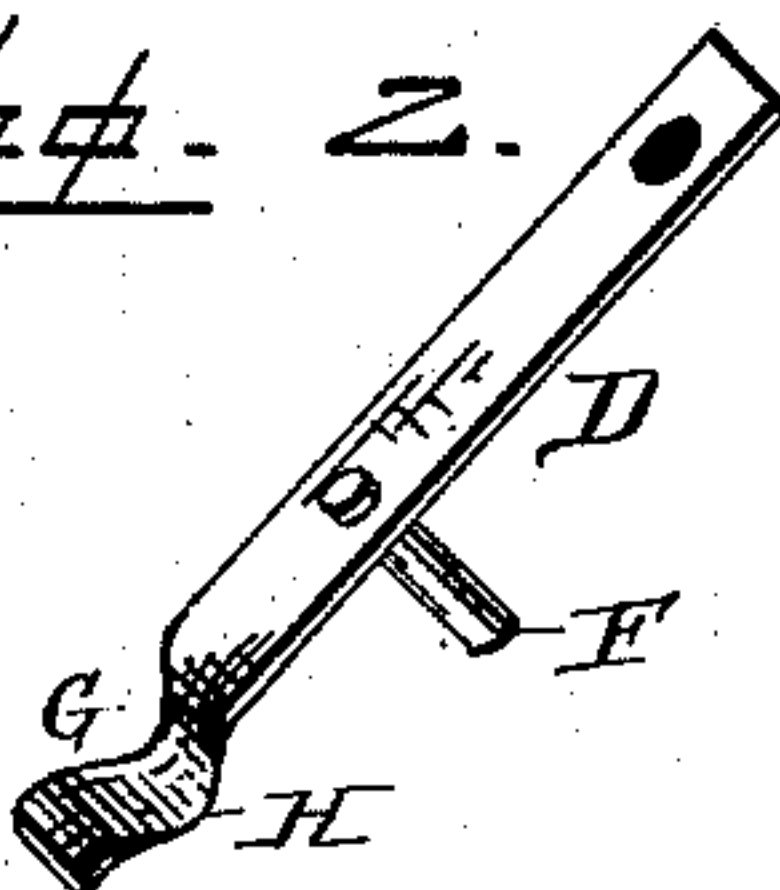
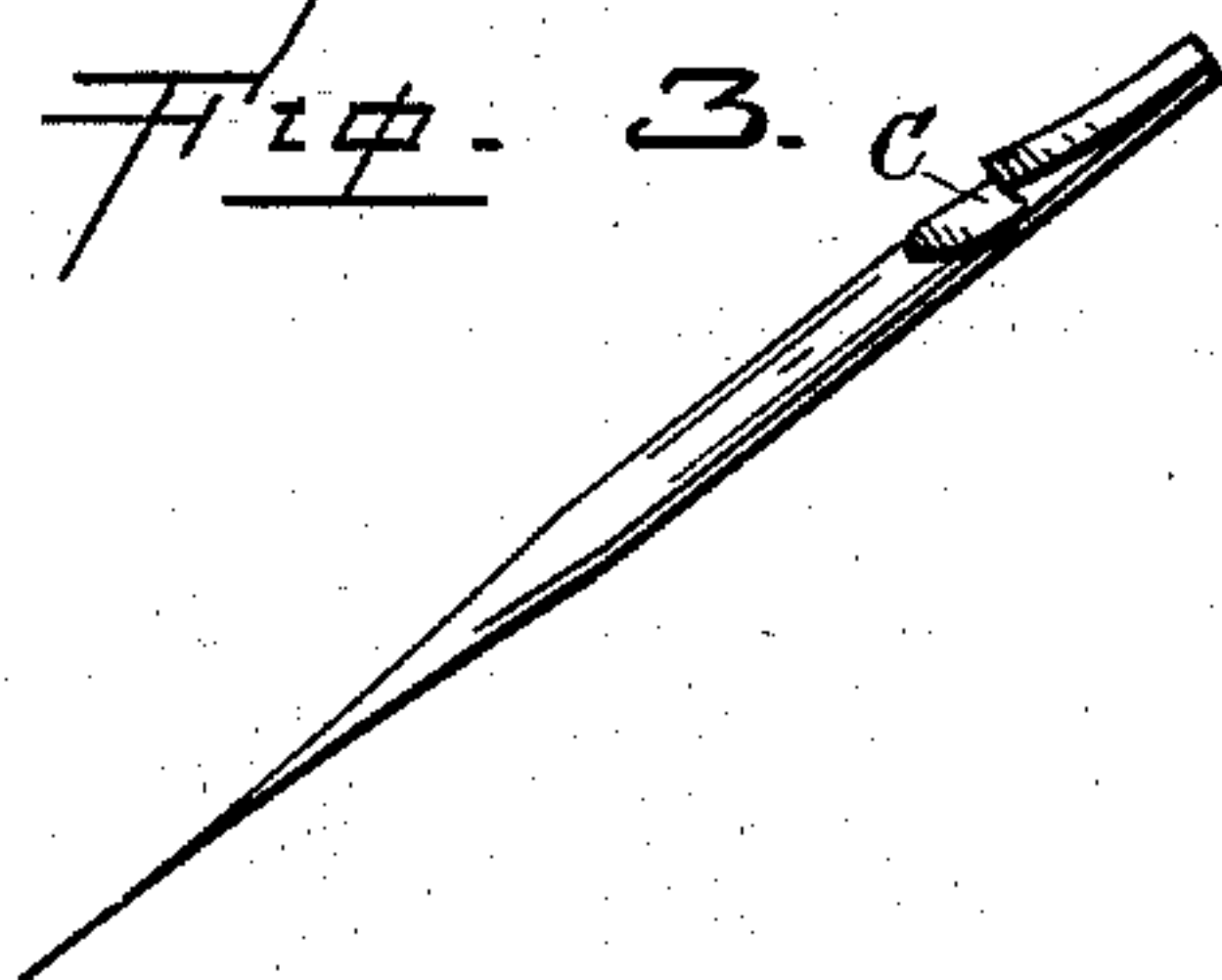


Fig. 3.



- Witnesses. -

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per
J. A. Lehmann, atty

UNITED STATES PATENT OFFICE.

WILLIAM F. FUESSENICH, OF TORRINGTON, CONNECTICUT.

COMBINED NEEDLE-CLAMP AND THREAD-CUTTER FOR SEWING-MACHINES.

SPECIFICATION forming part of Letters Patent No. 284,124, dated August 28, 1883.

Application filed June 11, 1883. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM F. FUESSENICH, of Torrington, in the county of Litchfield and State of Connecticut, have invented
5 certain new and useful Improvements in a Combined Needle-Clamp and Thread-Cutter for Sewing-Machines; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others
10 skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

My invention relates to an improvement in
15 combined needle-clamps and thread-cutters for sewing-machines; and it consists in providing the bar with a bent spring, to which is attached a pin for engaging with the notch formed in the upper end of the needle, the spring terminating in a bent portion at its lower end,
20 which bent portion has one of its sides sharpened, so as to form a thread-cutter, and to adapt it to be used as a finger-hold for causing the pin to be disengaged from the needle
25 when it is desired to draw the latter from the bar, all to be more fully set forth hereinafter.

In the accompanying drawings, Figure 1 is a vertical sectional view of a needle-bar with my improvement attached. Fig. 2 is a detail
30 perspective view of the spring. Fig. 3 is a similar view of the needle.

A represents a needle-bar, which is provided with an opening in its lower end in the usual manner, which opening is adapted to receive
35 the upper end of the needle B. This needle has a notch, C, formed in it, as shown.

D represents a spring, which is secured to the needle-bar by the screw E, or in any preferred manner. From the inner side of this spring projects a pin, F, which extends through
40 an opening formed in the side of the needle-bar and engages with the notch C, formed in the needle, as shown. The lower end of the spring is curved outward, as at G, forming a convenient finger-hold, by which means the
45 spring can be bent outward to cause the pin to disengage with the notch in the needle. One side of this curved lower portion of the spring is sharpened, as at H, thereby forming
50 a thread-cutter, as will be readily understood.

A device thus constructed will be found of great utility, and can be easily and cheaply applied to any style of sewing-machine.

Having thus described my invention, I
claim—

The combination of the needle-bar with a spring secured thereto, the said spring being provided with a projection for engaging in the notch formed in the upper edge of the needle,
60 and having its lower end formed into a finger-hold, one edge of the spring being sharpened so as to form a thread-cutter, substantially as shown and described.

In testimony whereof I affix my signature in presence of two witnesses.

WILLIAM F. FUESSENICH.

Witnesses:

FREDERICK F. FUESSENICH,
ISAAC W. BROOKS.