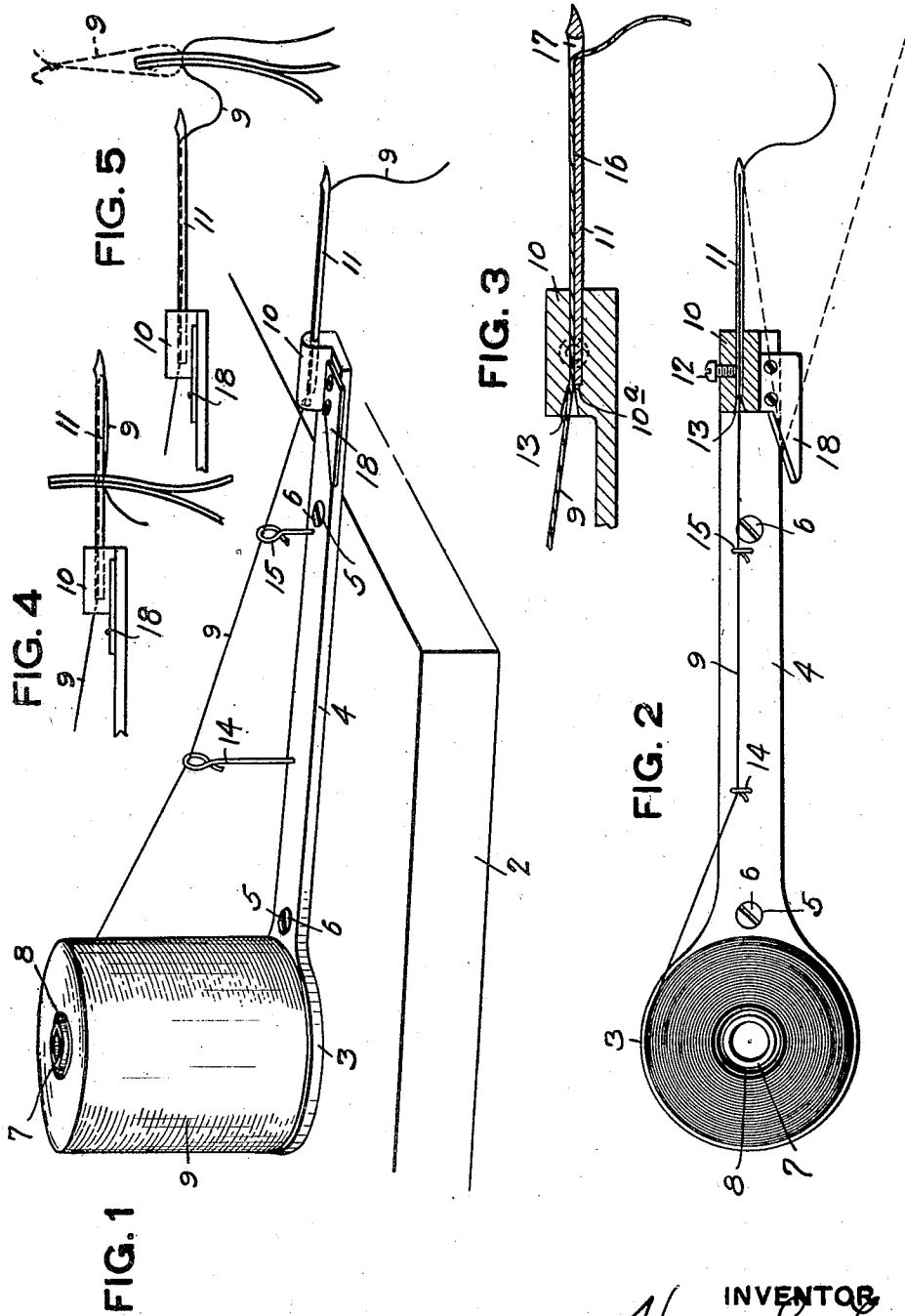


H. C. LEWIS.
SEWING DEVICE.
APPLICATION FILED JULY 13, 1920.

1,377,209.

Patented May 10, 1921.



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UNITED STATES PATENT OFFICE.

HENRY C. LEWIS, OF PITTSBURGH, PENNSYLVANIA.

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Specification of Letters Patent.

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Application filed July 13, 1920. Serial No. 395,973.

To all whom it may concern:

Be it known that I, HENRY C. LEWIS, a citizen of the United States, and resident of Pittsburgh, in the county of Allegheny and State of Pennsylvania, have invented a new and useful Improvement in Sewing Devices; and I do hereby declare the following to be a full, clear, and exact description thereof.

My invention relates to a sewing device.

It is often desirable for the purpose of disposal of merchandise at bargain sales, where the articles come in pairs, to sew or attach the members of a pair so that they will be held securely together and different sizes will not become mixed up in the lot. For instance, in the case of shoes which are to be placed on the bargain counter, it is very desirable to have the members of a pair thus secured or sewed together, and heretofore it has been a tedious and laborious job to connect up the shoes where an awl or other instrument is used for piercing the leather and the twine is inserted by hand.

The object of my invention is to provide a simple and convenient device by means of which the articles of merchandise may be quickly and conveniently sewed, thereby doing away with the inconvenient and tedious method referred to.

To these ends, my invention comprises the novel features hereinafter set forth and claimed.

In the accompanying drawing, Figure 1 is a perspective view of my improved device. Fig. 2 is a plan view partly in section; and Fig. 3 is an enlarged sectional detail; Figs. 4 and 5 are fragmentary views showing the manner of sewing.

In the drawing, the numeral 2 designates a table, shelf or other support upon which my device is mounted. A plate 3 has the arm 4 extending out therefrom, said arm having the opening 5 through which the screws 6 pass to secure said arm to the table or support 2.

Extending up from the plate 3 is the bearing 7 which forms the support for the drum 8 upon which is wound the twine or cord 9. The drum 8 fits loosely around the bearing 7 so as to be freely rotated thereon.

The arm 4 is of such length that when secured to the table 2 by the screws 6, said arm will project beyond the table. Formed

on the projecting portion of said arm 4 is the needle-socket 10 to receive the needle 11, said needle being held securely in said socket by means of the set-screw 12. The socket is provided with the shoulder 10^a against which the end of the needle abuts to take up the thrust as will more fully hereinafter appear. The inner face of the socket 10 is slightly flared, as at 13, to provide for the entrance of the twine 9, said twine passing from the roll through the guides 14 and 15 and on entering the opening 13 said twine passes through the groove 16 in the needle and out through the opening 17 at the forward end of the needle.

The twine is so wound on the drum 8 that the twine unwinds from the top to the bottom on each revolution of the drum, and in this manner the proper feed of the twine is assured.

Secured to the arm 4 adjacent the needle-socket 10 is the knife 18 by means of which the twine is cut.

When my sewing device is in use, and when secured upon a table or other support in the manner shown, the operator takes the uppers of a pair of shoes, and bringing them into contact forces them on to the needle 11 and punctures both pieces. As he withdraws the article from the needle, the twine will be looped, and when the article has been completely withdrawn, the loop is grasped in one hand and the free end of the twine pulled through, while with the other hand, the operator passes the twine through the knife and by pulling on the same as indicated in dotted lines Fig. 2, cuts it. He then has the two free ends which are tied together so connecting the shoes.

The device is of such simple character that no skill is required to operate the same. By a little practice, the sewing of shoes or other articles together can be done with great rapidity and the tedious and laborious operation of uniting such articles, as heretofore practiced, is done away with.

What I claim is:

1. In a device of the character described, a metal strap-like member adapted to be attached to a table or like support, a vertically extending bearing at the rear end of said member adapted to support a twine drum, and a needle socket at the outer end of said member adapted to support a needle, said socket having an entrance at the rear end

for the admission of the twine from said drum to said needle.

2. In a device of the character described, a metal strap-like member adapted to be secured to a suitable table or like support, a
5 vertically extending bearing at the rear end of said member adapted to support a twine drum, a socket at the outer end of said member adapted to support a needle, and twine

guides on said member at different heights 10 between said sockets and said twine drum.

In testimony whereof, I, the said HENRY C. LEWIS, have hereunto set my hand.

HENRY C. LEWIS.

Witnesses:

ROBT. D. TOTTEN,
JOHN F. WILL.