

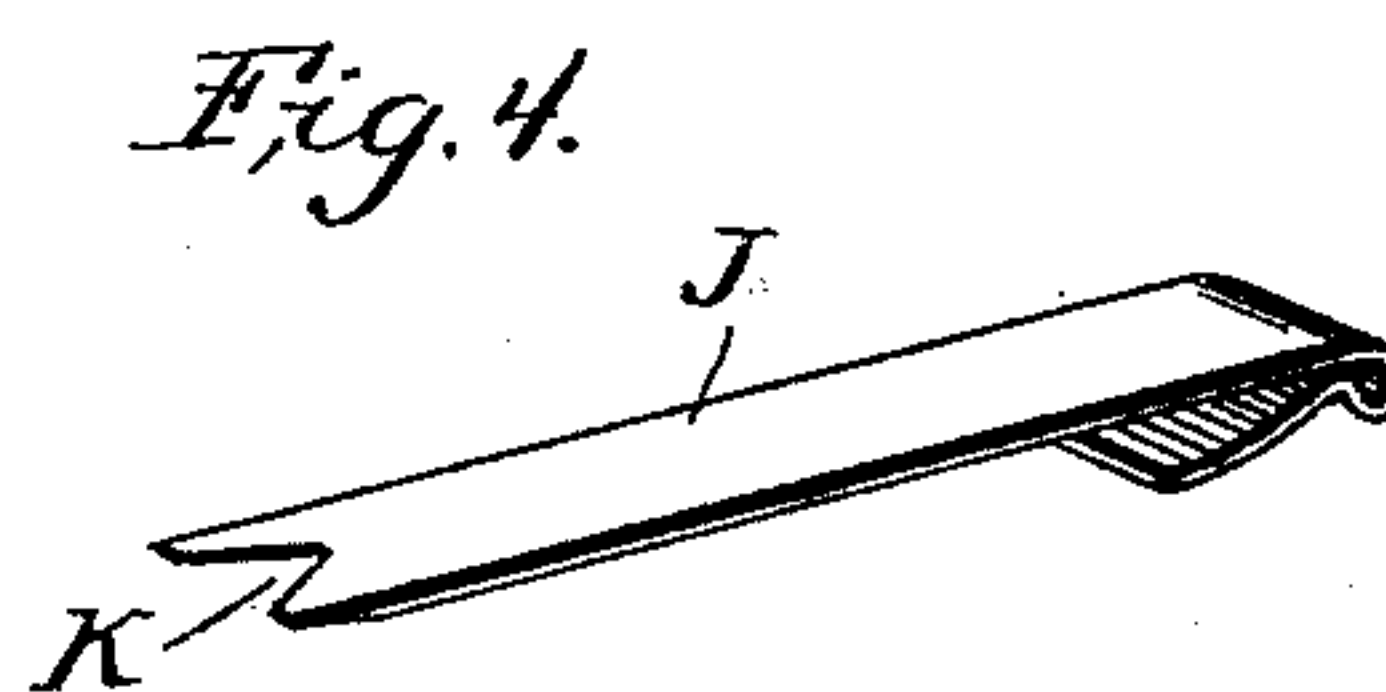
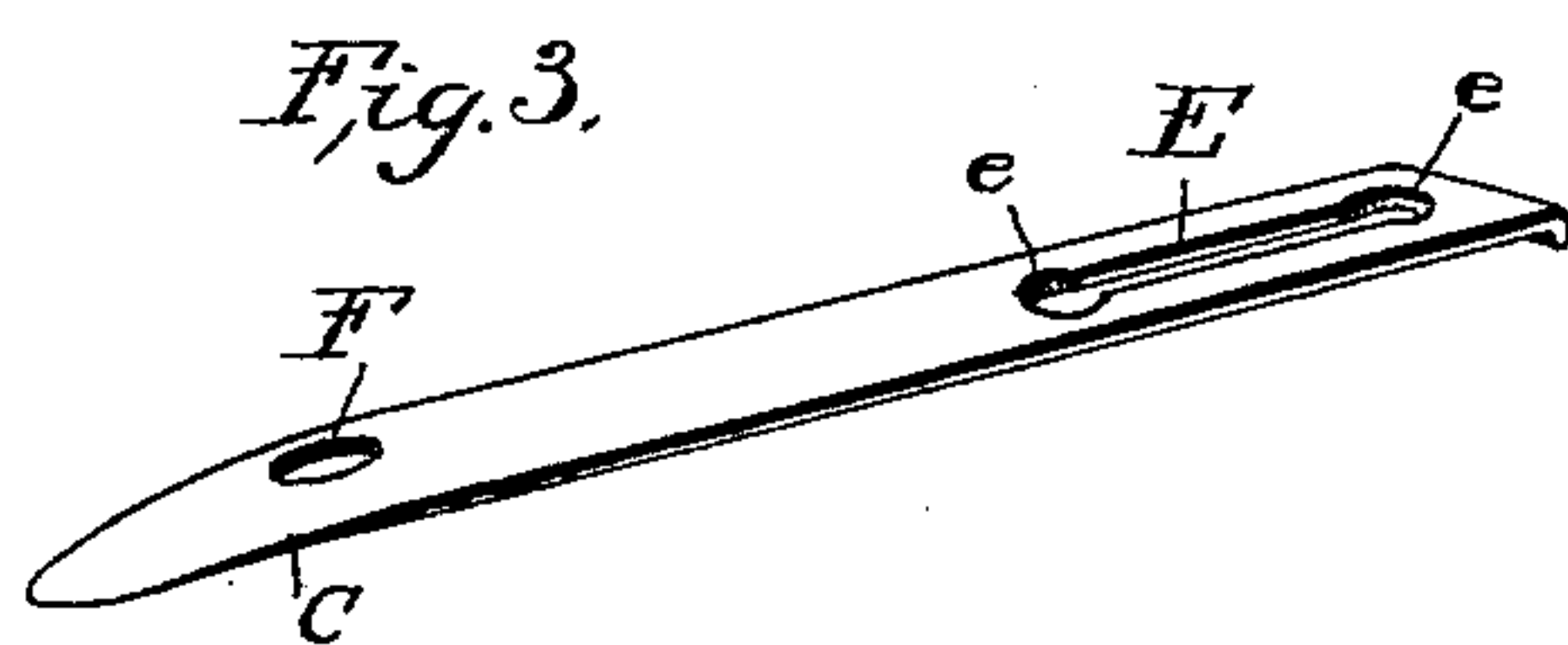
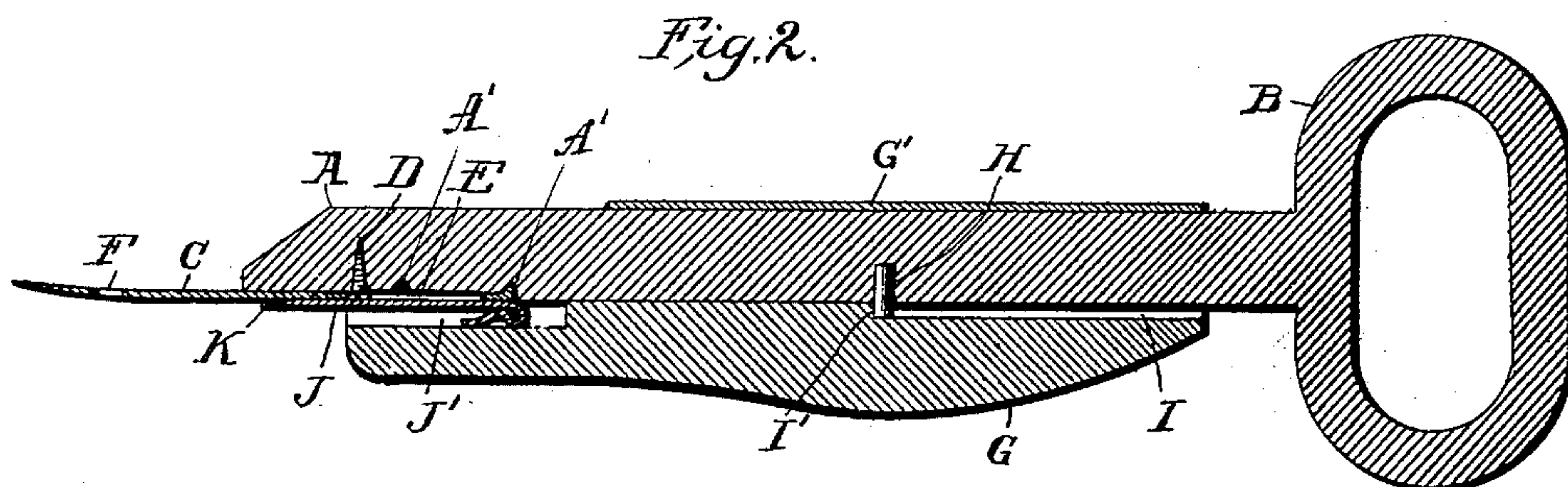
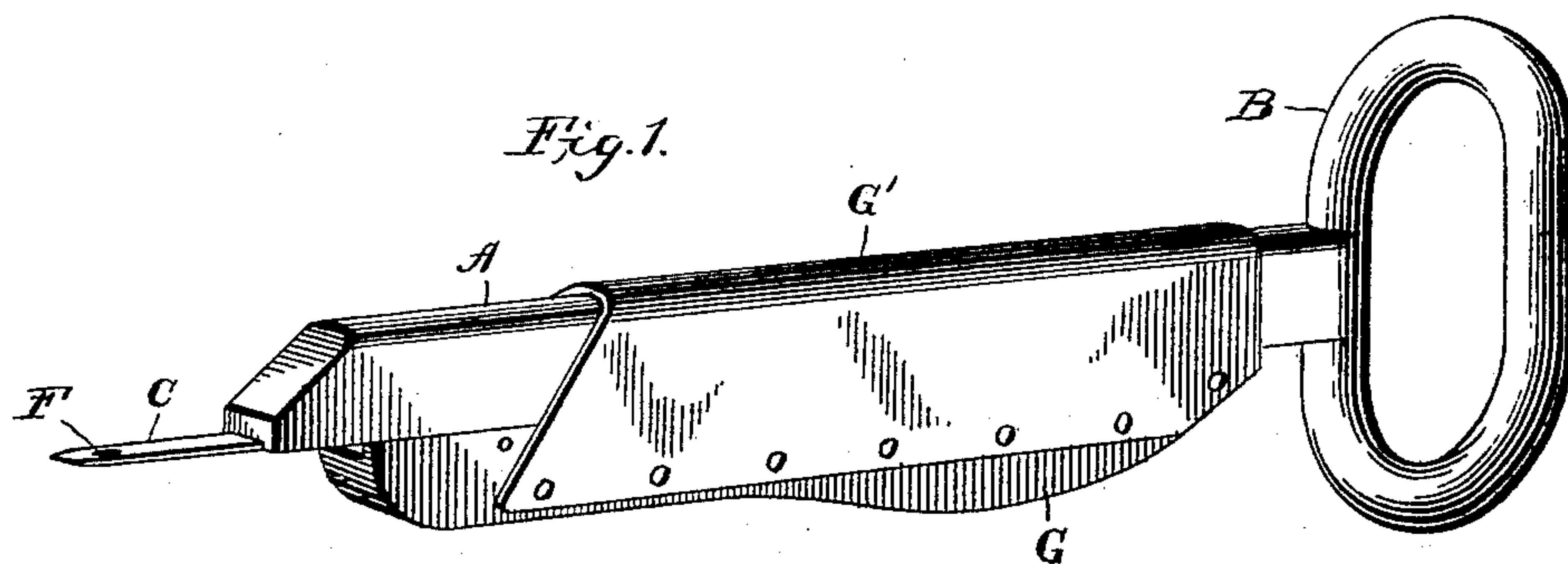
No. 632,719.

Patented Sept. 12, 1899.

J. B. HUPP.  
TURFING IMPLEMENT.

(Application filed Sept. 3, 1898.)

(No Model.)



Witnesses  
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# UNITED STATES PATENT OFFICE.

JOHN B. HUPP, OF BERNE, OHIO.

## TURFING IMPLEMENT.

SPECIFICATION forming part of Letters Patent No. 632,719, dated September 12, 1899.

Application filed September 3, 1898. Serial No. 690,182. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN B. HUPP, a citizen of the United States, residing at Berne, in the county of Noble and State of Ohio, have invented certain new and useful Improvements in Turfing Implements; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

This invention relates to certain new and useful improvements in devices for use in sewing rugs, mattresses, and the like; and it has more particular reference to that class of rug-sewing implements which are commonly designated as "rug-shuttles."

The invention has for its object the provision of a simple and inexpensive tool of this character which will be simple and cheap of construction, of few parts, and readily adjusted, so as to adapt it for use in sewing through materials of different thicknesses.

To these ends and to such others as the invention may pertain, the same consists of the peculiar construction and the novel combination, arrangement, and adaptation of parts, all as more fully hereinafter described, shown in the accompanying drawings, and then specifically defined in the appended claim.

The invention is clearly illustrated in the accompanying drawings, which, with the letters of reference marked thereon, form a part of this application, and in which—

Figure 1 is a perspective view of a rug-shuttle constructed in accordance with my invention. Fig. 2 is a vertical longitudinal section through the device. Fig. 3 is an enlarged detail in perspective of the needle and its adjusting features. Fig. 4 is a like view of the looping-lever and its connections.

Reference now being had to the details of the drawings by letter, A designates the sliding portion of the device, having at one of its ends a suitable handle B and at its opposite end the needle C. The needle C, it will be observed, has its body portion countersunk into the upper edge of the body portion A, to which it is attached, and is adjustably secured in its seat by means of a screw D. The needle

is made longitudinally adjustable within the recess in which it is seated by means of the longitudinal slot E, connecting the two screw-apertures *e e*. The lower end of the needle is bent at right angles to its longitudinal portion and engages in a recess A', so as to more firmly hold the needle in position, as will be readily understood. The point of the needle extends, as will be observed, for a considerable distance beyond the end of the portion A to which it is attached, and in general form is similar to the needles used commonly in sewing rugs, mattresses, and other heavy material, and is provided at a point adjacent to its end with an aperture F, through which the thread or cord used in sewing is passed. This body portion A is adapted to be slid within a metallic casing G', which is attached to the portion G of the device, the said casing consisting of a shell of sheet metal having its edges tacked or otherwise secured to the outer side faces of the portion G, the body portion of the metal being bent to form a casing to receive the sliding portion A, carrying the needle, as will be readily understood. The longitudinal movement of the sliding portion A within the casing G' is limited by means of a stop H upon the upper edge of the portion A, which stop is adapted to move within a slot I, and when the slide is moved to its extreme inward throw the stop H engages the shoulder I' at the inner end of the slot I, as shown. The notched looper J is seated within a groove J', formed in the upper edge of the portion G at its outer end. This looper is bent so as to form a spring in itself, and the point on the extreme outer end which projects beyond the portion G to which it is attached is adapted to move in close contact with the face of the needle, as shown. The outer end of the said looper is provided with a suitable notch K, which serves to engage the thread or cord carried by the needle and loop the same in sewing, as will be understood.

From the foregoing description the operation of the device will be readily understood. The thread or cord to be used in sewing is passed through the eye of the needle and the needle forced through the material to be sewed. Upon withdrawing the needle from the article being sewed the thread or cord is



carried downward by the looper J, and the next downward thrust of the needle serves to force the cord through the material, where by the next outward movement of the needle the next succeeding loop is formed.

Having thus described my invention, what I claim to be new, and desire to secure by Letters Patent, is—

A turfing implement comprising the portion A with suitable handle, a needle C with its inner end bent at right angles to its longitudinal portion and engaging in a recess in the inner face of said portion, said needle having an elongated slot E terminating in circular outlined openings, the screw D de-

signed to hold the needle in an adjusted position and the stop H combined with the portion G having a recess I in which said stop works, a notched looper having its inner end bent upon itself and loosely seated in a recess in said portion G, the face of said looper held yieldingly against the outer face of the needle and the casing G holding the portions together, as shown and described.

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

JOHN B. HUPP.

Witnesses:

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J. F. HORTON.