

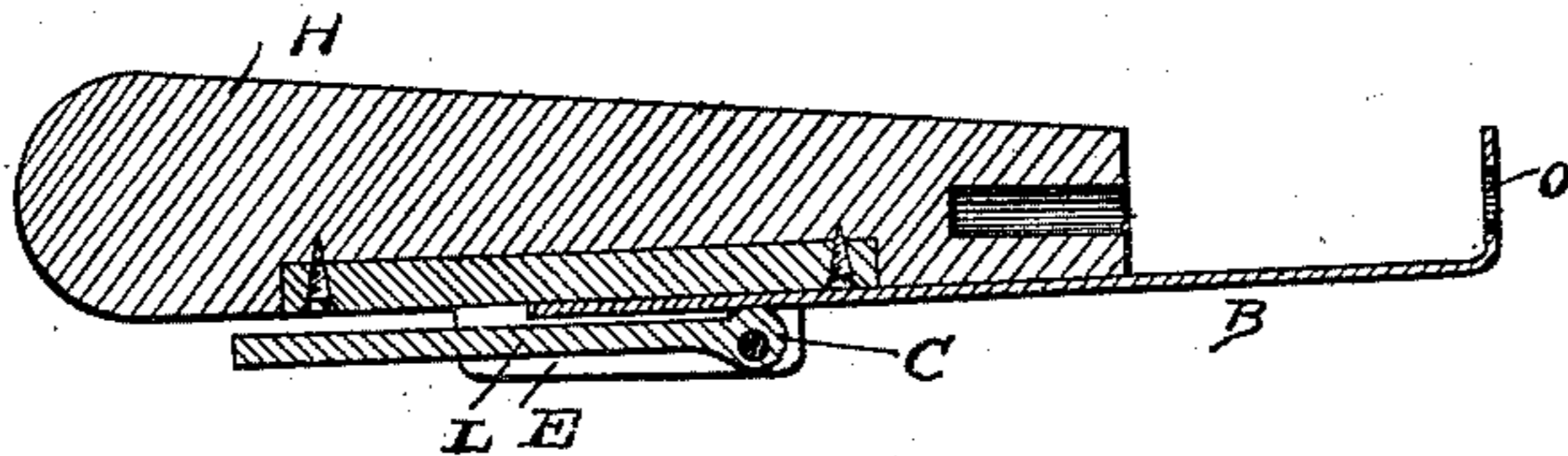
(No Model.)

L. B. ROBINSON.  
TURFING IMPLEMENT.

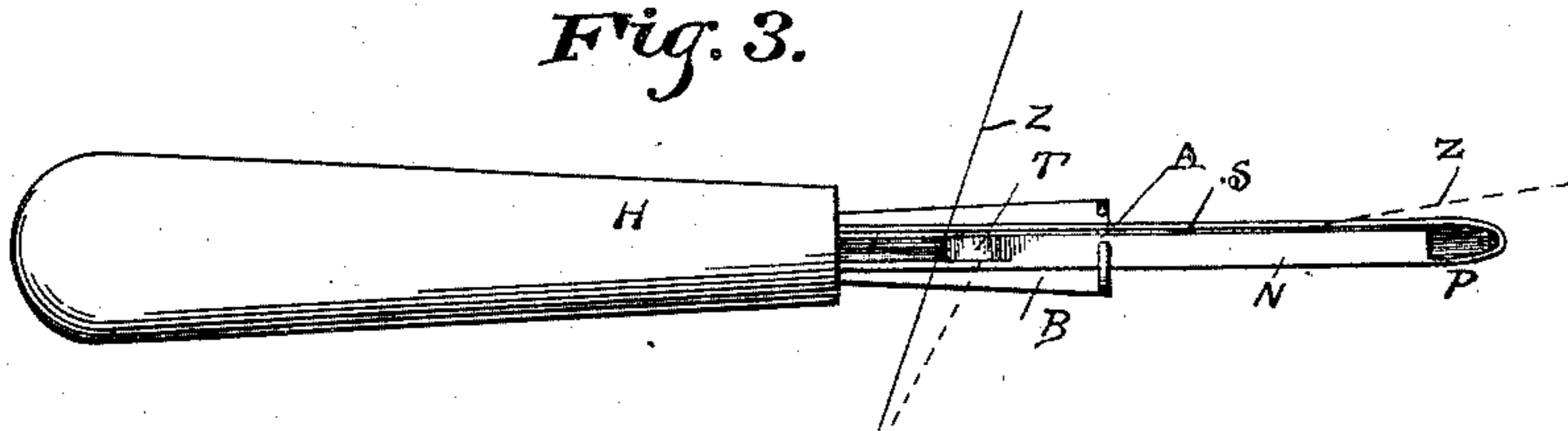
No. 477,453.

Patented June 21, 1892.

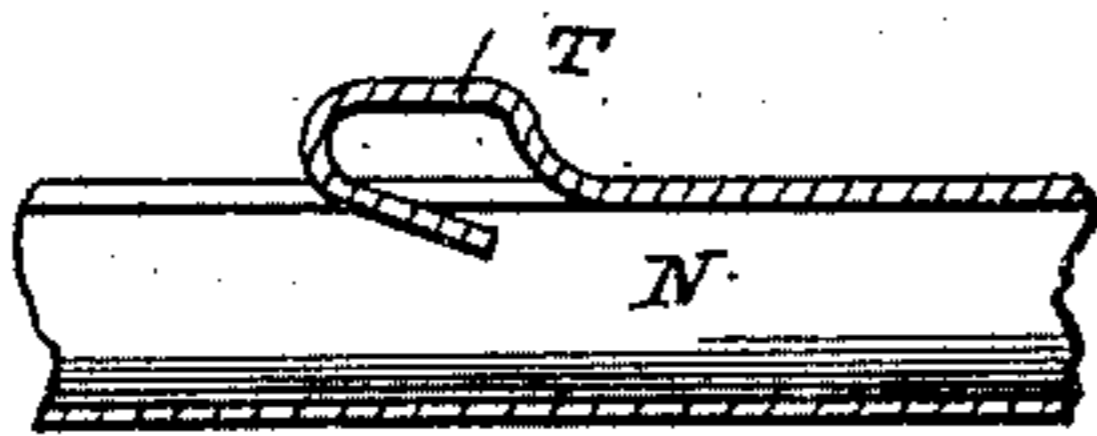
*Fig. 2.*



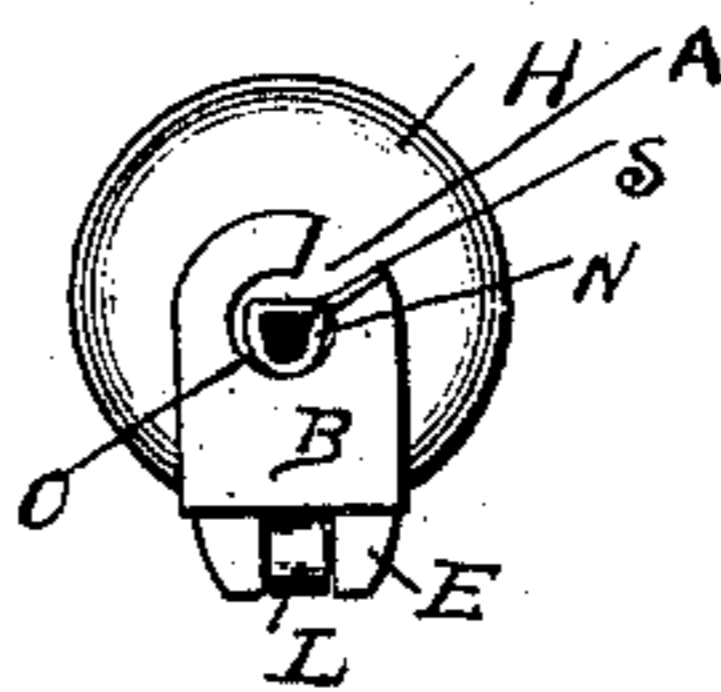
*Fig. 3.*



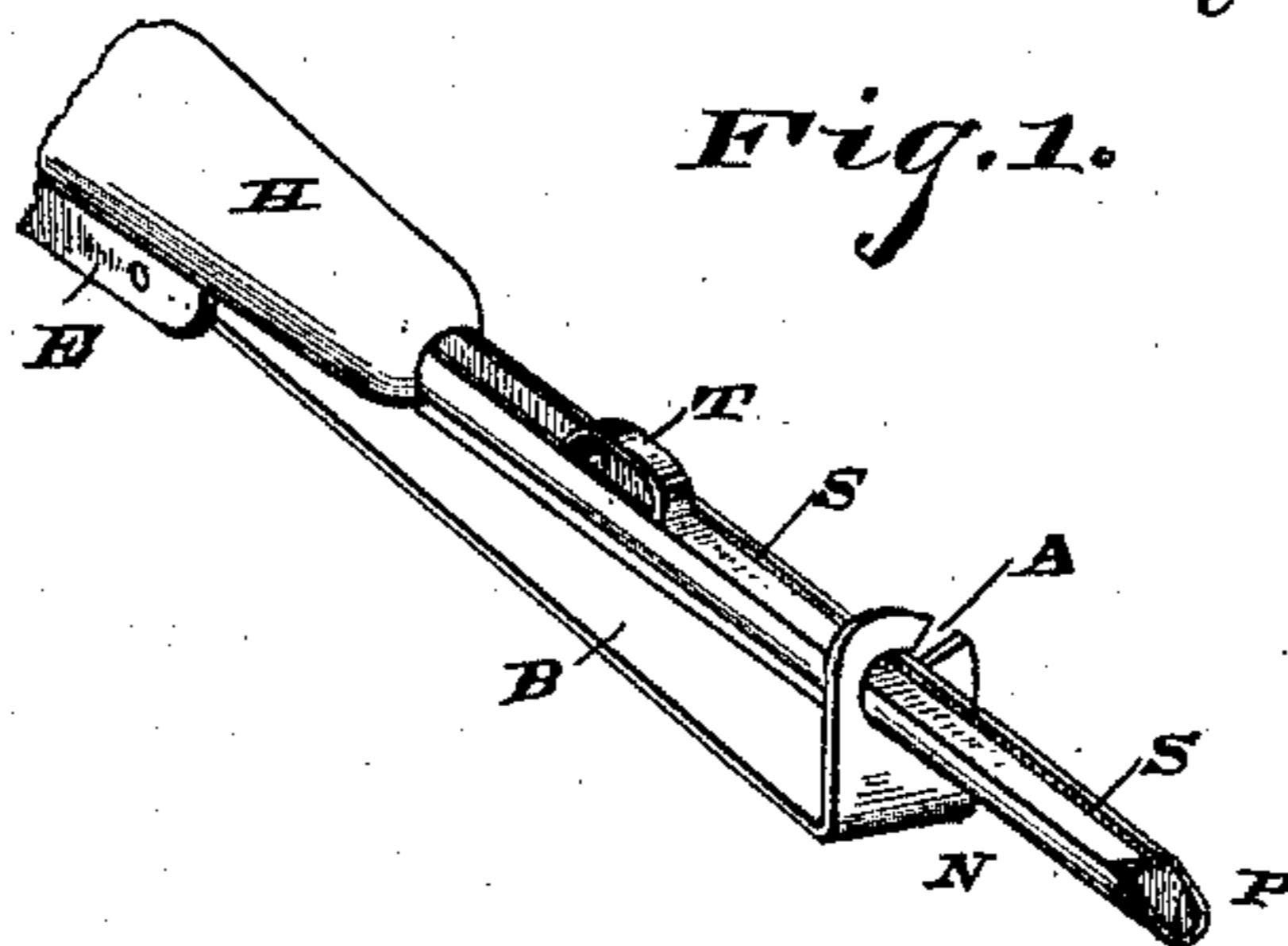
*Fig. 5.*



*Fig. 4.*



*Fig. 1.*



Witnesses

G. Lober

Inventor

*Laurence B. Robinson.*

By his Attorneys,

N. L. Collamer.

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# UNITED STATES PATENT OFFICE.

LAURENCE BENJAMIN ROBINSON, OF MILTON, TEXAS, ASSIGNOR TO HIRAM E. PAYNE, OF SAME PLACE.

## TURFING IMPLEMENT.

SPECIFICATION forming part of Letters Patent No. 477,453, dated June 21, 1892.

Application filed April 29, 1891. Serial No. 390,915. (No model.)

*To all whom it may concern:*

Be it known that I, LAURENCE BENJAMIN ROBINSON, a citizen of the United States, residing at Milton, in the county of Lamar and State of Texas, have invented a new and useful Turfing Implement, of which the following is a specification.

This invention relates to machines which are adapted for doing turfing; and the object of the same is to produce a new and improved handle therefor, together with improved means for threading the needle. These ends are accomplished by the device hereinafter more fully described and claimed, and as illustrated on the sheet of drawings, wherein—

Figure 1 is a general perspective view of this device complete. Fig. 2 is a central longitudinal section of the handle. Fig. 3 is a plan view of Fig. 1, showing the manner in which the needle is threaded. Fig. 4 is an end view of Fig. 1. Fig. 5 is an enlarged longitudinal section of a portion of the needle-body.

Referring to the said drawings, the letter N designates the needle, having a beveled point P, and this needle is of tubular form, as best seen in Fig. 4, being formed of a strip of sheet metal bent into the proper shape, but the two edges of the sheet being disconnected where they come in contact, whereby a longitudinal slit S is formed. The upper side of the needle-body is shaped into a tongue T, whose body is bent upwardly and whose tip inclines downwardly and forwardly and projects a slight distance into the needle-body where the latter is open, all as best seen in Fig. 5.

The letter H designates a handle having on its under side a pair of ears E, and between these ears is pivoted the eccentric or cam shaped head C of a lever L.

B is a presser-foot, whose inner end is adapted to pass between the ears E and between the head C and handle H, whereby it is adjustably and removably connected with the handle when the lever L is operated in the proper direction, and the outer end of this presser-foot is turned up and provided with an opening O, having an aperture A at one side. The inner end of the needle is inserted in a hole in the end of the handle and its body passed through the opening O in the presser-foot, with its slit S registering with the aperture A, and when the presser-foot B is ad-

justed it is obvious that its turned-up end is moved nearer to or farther from the point P of the needle.

The parts having been assembled, the zephyr is passed across the needle in rear of the tongue, as seen by the full line Z in Fig. 3, and is then drawn forward. This movement draws it beneath the tongue and into the slit S through the aperture A, as seen in dotted lines, and when it reaches the front end of the slit it passes through the open point P, after which it is fed in at one side of the tongue and out from the point. The turfing is done in the usual manner with implements of this character, as well understood by persons familiar with the art.

I do not limit myself to the specific details of construction, as considerable change may be made therein without departing from the spirit of my invention. The exact size, shape, and proportions of parts, as well as the materials of which they are made, are not important.

What is claimed as new is—

1. The herein-described needle, having a tubular body with a slit along one side, the rear end of the body being open on its upper side, and a tongue whose body is bent upwardly and whose extremity is bent downwardly and slightly into the needle, as and for the purpose set forth.

2. In a turfing implement, the combination, with a tubular needle having a longitudinal slit, the outer end of the needle being open and its upper side being formed into a tongue near its inner end, which is bent upwardly and whose extremity projects into the needle, of a handle into which the needle is passed and a presser-foot adjustably connected at its inner end to the handle and having its outer end turned up and provided with an opening having an aperture at one side registering with said slit, as and for the purpose hereinbefore set forth.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

LAURENCE BENJAMIN ROBINSON.

Witnesses:

A. A. WAGNON,  
I. C. HUTCHINS.