

(No Model.)

R. L. BEATTIE.
SHOE SUPPORTING TIP FOR PEGGING HORNS.

No. 548,693.

Patented Oct. 29, 1895.

Fig. 1.

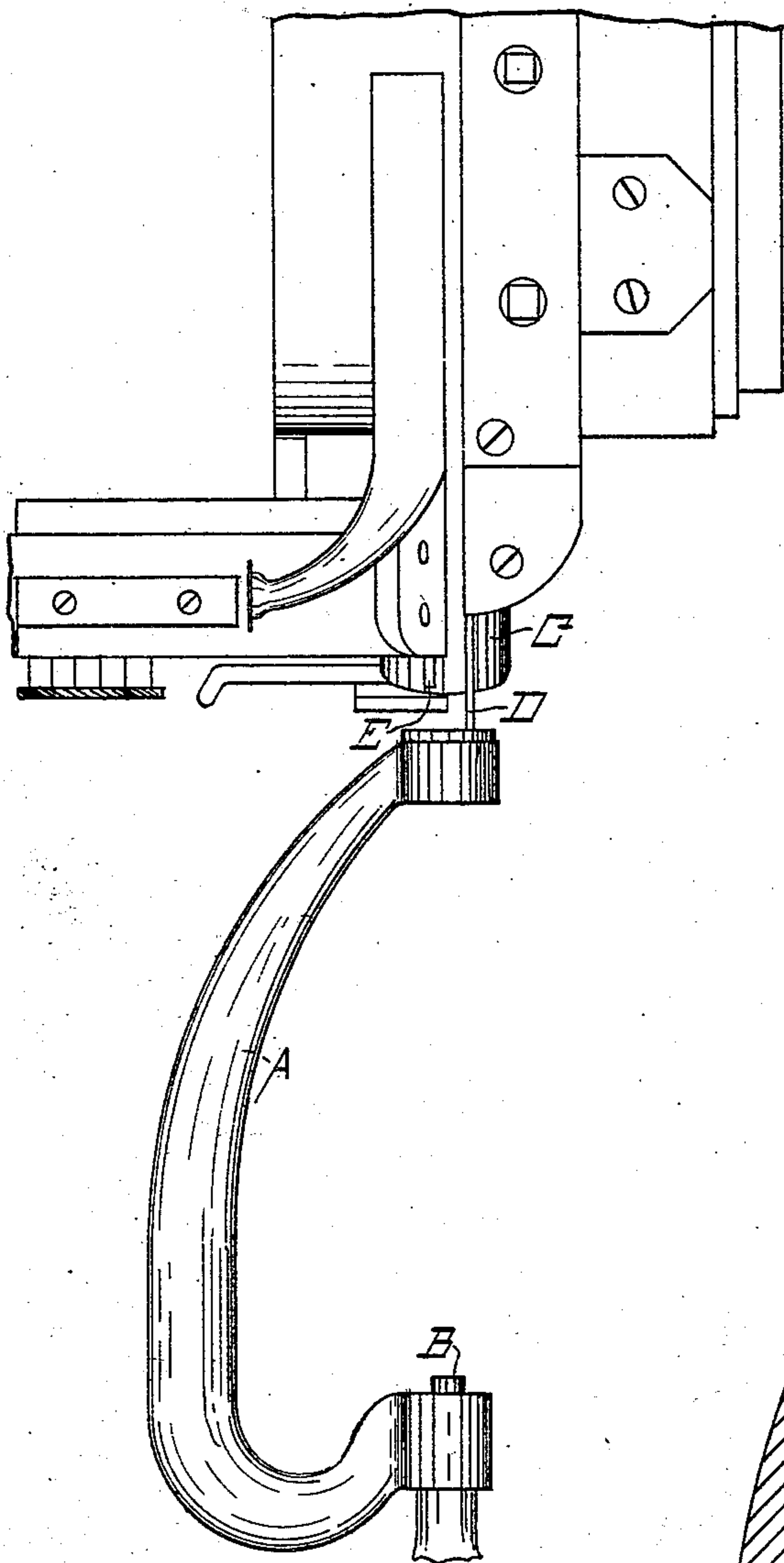


Fig. 2.

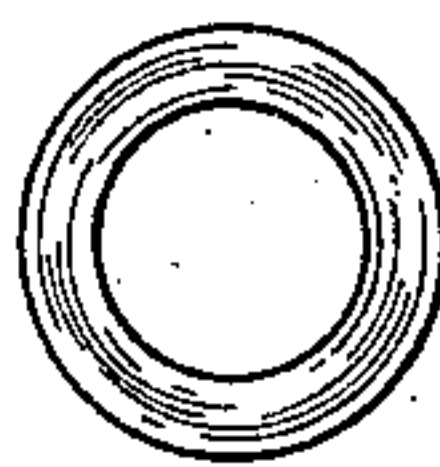


Fig. 3.

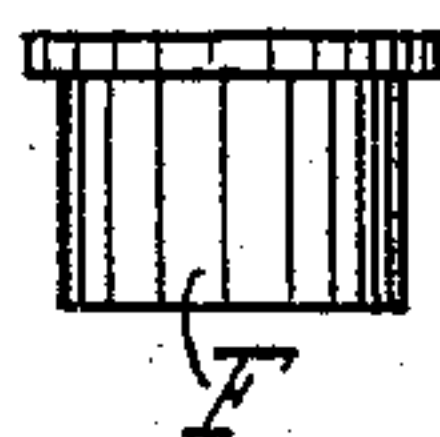
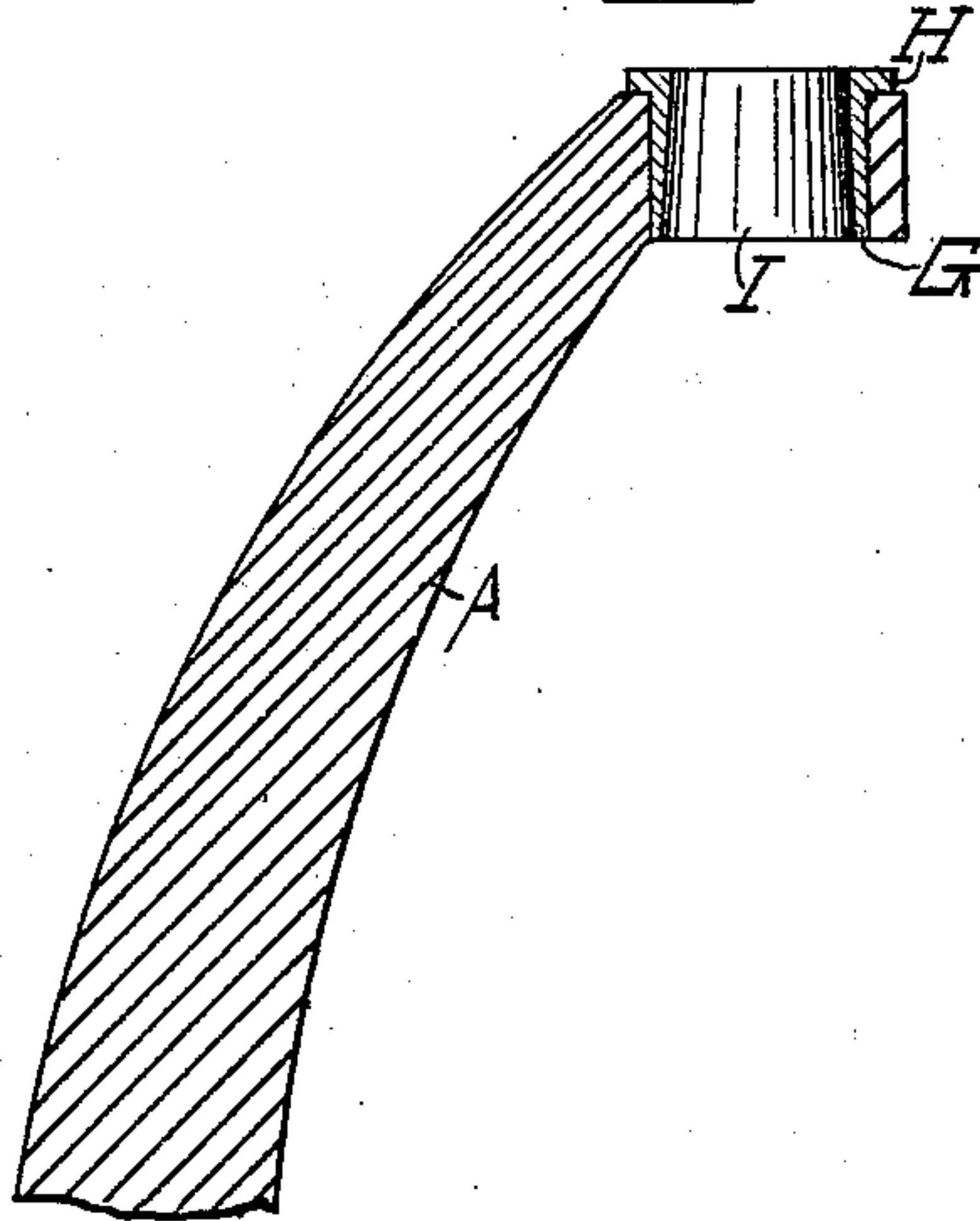


Fig. 4.



Witnesses:

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SHOE-SUPPORTING TIP FOR PEGGING-HORNS.

SPECIFICATION forming part of Letters Patent No. 548,693, dated October 29, 1895.

Application filed February 16, 1895. Serial No. 538,661. (No model.)

To all whom it may concern:

Be it known that I, ROBERT L. BEATTIE, a citizen of the United States, residing at Milwaukee, in the county of Milwaukee and State of Wisconsin, have invented new and useful Improvements in Shoe-Supporting Tips for Pegging-Horns, of which the following is a specification.

My invention relates to improvements in pegging-horns, and pertains especially to the peculiar form and construction of the shoe-supporting tip as hereinafter described and claimed, and which is designed to be substituted for the ordinary wooden last heretofore employed.

The object of my invention is to provide a tip adapted to be used when driving wooden pegs and which will automatically cut or break off the pegs after they are driven through the sole.

In the drawings, Figure I is a front view of a pegging-horn with my invention attached, and showing, also, a portion of the horn-standard and a portion of the pegging-machine head. Fig. II is a top view of my improved tip. Fig. III is a side view of the same. Fig. IV is a longitudinal sectional view of the upper portion of the horn with the tip in place.

Like parts are referred to by means of the same reference-letters throughout the several views.

The pegging-horn here shown and its pivotally-supported standard are forms in ordinary use. The peculiarly-shaped horn A is mounted and adapted to rotate pivotally upon the supporting pivot-stem B and to support the last or shoe-supporting tip directly above the pivotal support, so that the rotation of the horn upon its pivot does not change the point of the support for the shoe. The pegging-machine of which a portion of the head is shown is also in common use, having the usual vertical plunger C, awl D, and driver E, operated by a cam and gearing. The plunger C and awl D have a lateral movement preparatory to their vertical upward movement, which feeds the shoe forward till the perforation made by the awl is brought directly underneath the position occupied by the driver E, when the peg is driven in; but

I make no claim to these parts as my invention, reference being made to them merely in order that my invention may be understood in its proper relation thereto.

My invention consists in the circular shoe-supporting tip for the pegging-horn. This tip is preferably formed with a cylindrical body F, adapted to fit into a tubular bearing G in the upper end of the pegging-horn A. The top of the tip is provided with an outwardly-extending annular flange H, which supports the tip in the bearing G.

The shoe is supported upon the tip in the same manner as upon the solid tips heretofore used for metallic pegs, in which the pegs are riveted by striking in a concave recess in the upper surface of the tip. The vertical center of my tip is provided with the tubular opening I, preferably slightly conical, diverging downward and outwardly. This opening I is of a diameter somewhat greater than the distance between the awl D and the driver E, so that one of the pegs can be forced into the shoe by the driver simultaneously with the downward movement of the awl as it makes a perforation for the reception of the peg next fed under the driver, it being thus seen that neither the awl nor the driver in penetrating the shoe need strike the metallic portion of the tip. After the peg is driven in, the feeding of the shoe by means of the lateral movement of the plunger, as above mentioned, preparatory to the withdrawal of the awl, breaks off the inward-projecting end of the peg against the edge of the opening I, and the end thus broken off drops through the tubular or conical space to the floor. It is obvious that, if so desired, the tip may be formed integrally with the horn.

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

1. In a pegging machine the combination with a pegging horn having a vertical tubular opening or bearing G in its upper end, of the removable shoe supporting tip having a cylindrical body F adapted to fit into said bearing and provided with the annular supporting flange H and the central conical opening I diverging downwardly and outwardly

to permit the discharge of the peg ends through the tip substantially as described.

2. In a pegging machine the combination with a pegging horn of a shoe supporting tip
5 provided with an opening therethrough the sides of which diverge downwardly and outwardly and the upper edges of which are adapted to cut or break off the pegs and per-

mit them to drop through the opening, substantially as described. 10

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

ROBERT L. BEATTIE.

Witnesses:

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