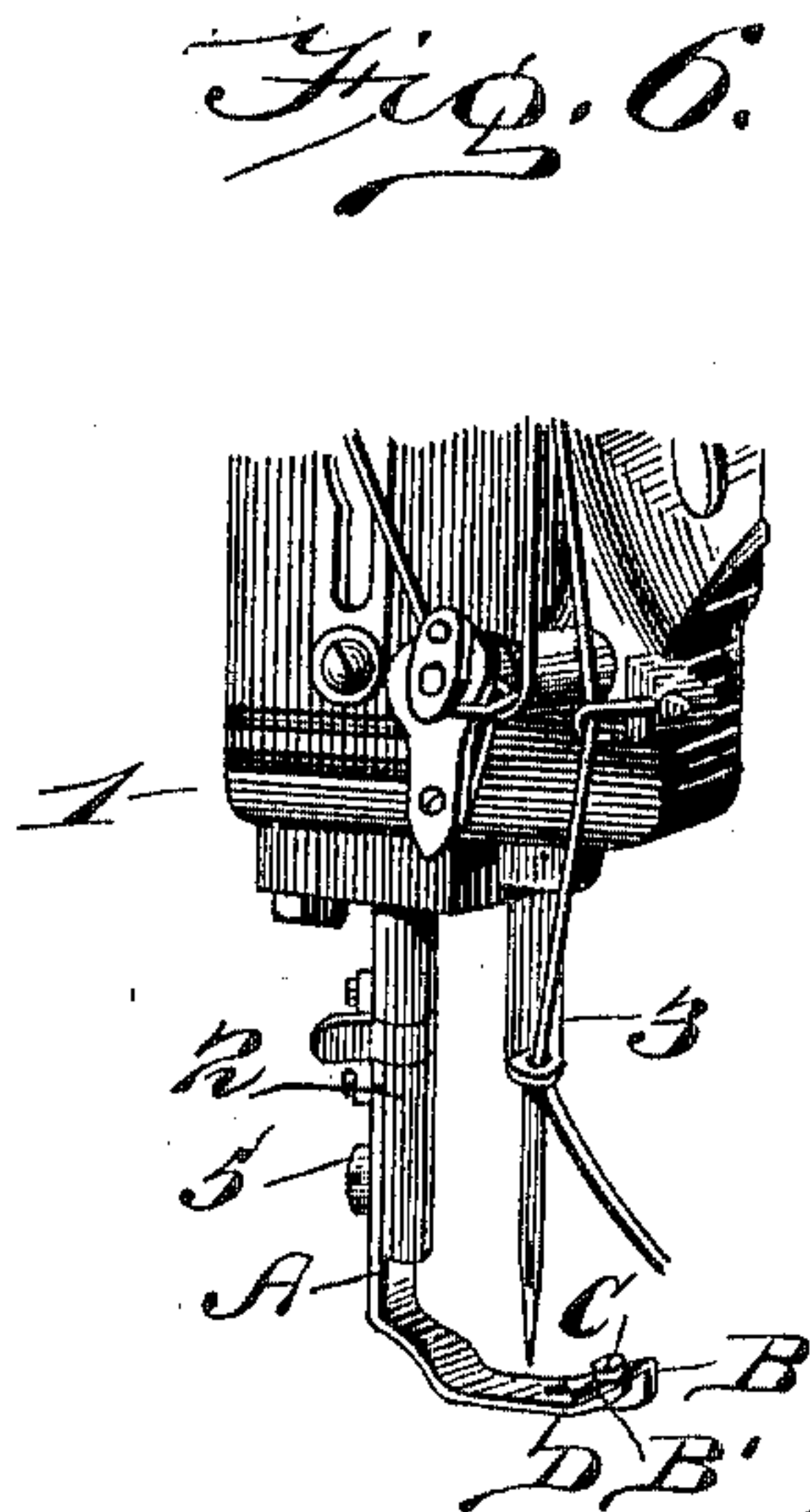
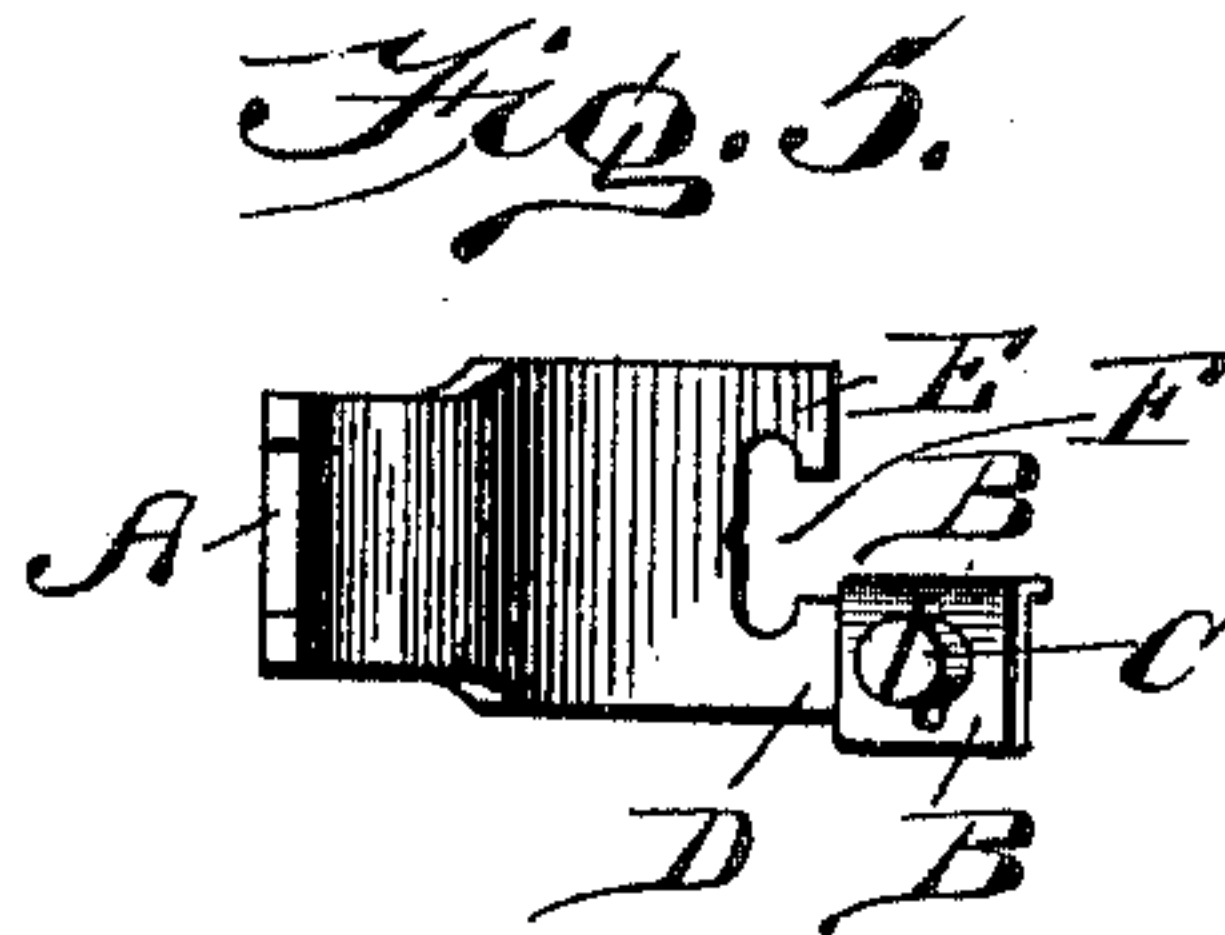
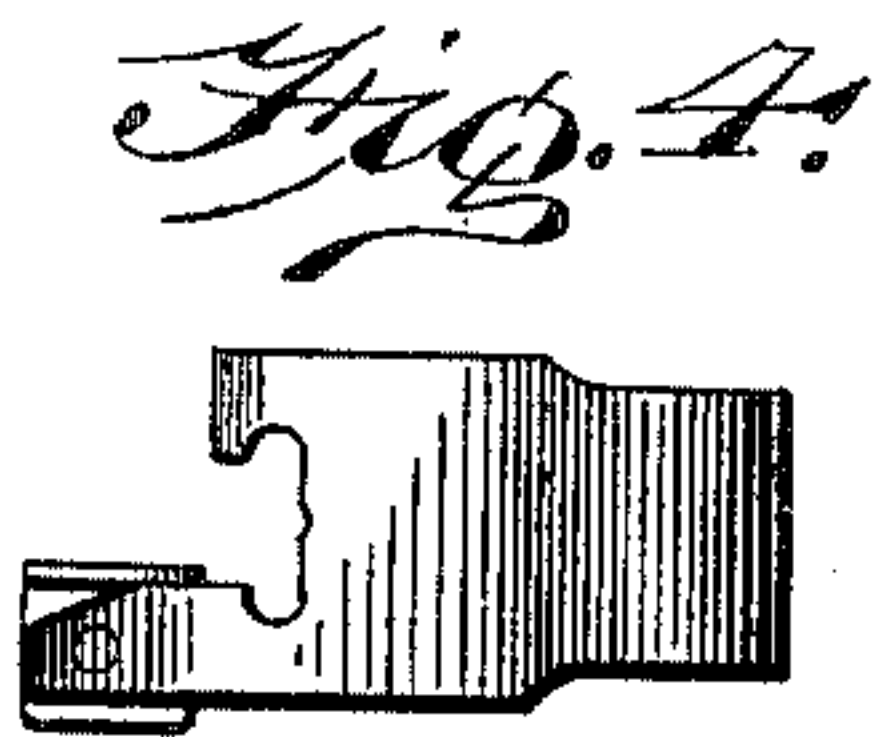
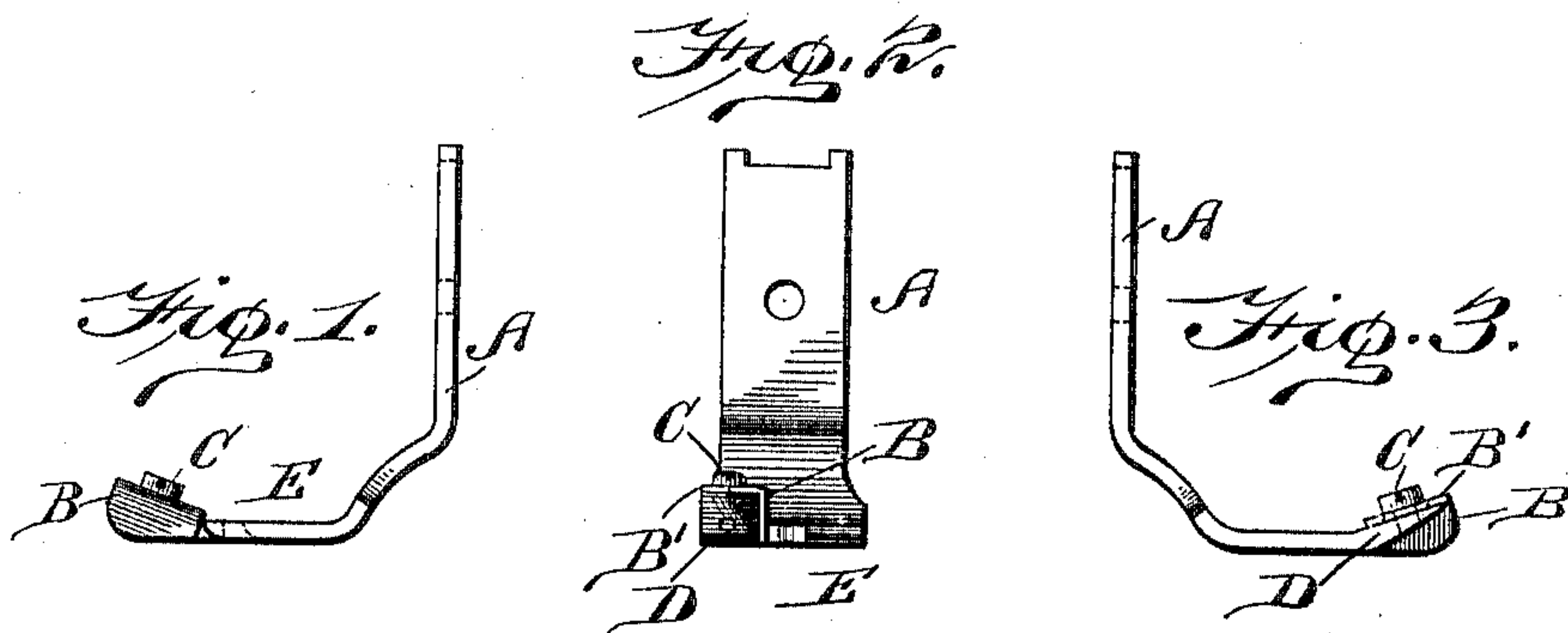


No. 821,491.

PATENTED MAY 22, 1906.

M. HOFFERT.
FELLER FOOT FOR SEWING MACHINES.

APPLICATION FILED NOV. 4, 1903.



Witnesses
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UNITED STATES PATENT OFFICE.

MAX HOFFERT, OF CINCINNATI, OHIO.

FELLER-FOOT FOR SEWING-MACHINES.

No. 821,491.

Specification of Letters Patent.

Patented May 22, 1906.

Application filed November 4, 1903. Serial No. 179,825.

To all whom it may concern:

Be it known that I, MAX HOFFERT, a citizen of the United States, residing at Cincinnati, in the county of Hamilton and State of Ohio, have invented certain new and useful Improvements in Feller-Feet for Sewing-Machines, of which the following is a specification.

In felling by hand two pieces are so superposed that the edge of one projects over the edge of the other and are stitched together, so as to leave a margin on the inner as well as the outer piece. Then the margin of the outer piece is turned down over that of the inner piece, after which the two pieces being flattened out and the double margin turned down this margin or folded part is sewed into position. By this device the edge formed is more like the end of the web formed by the last thread of the weft in a piece of fabric in the process of weaving.

The object of my invention is to produce a felling-foot that will operate upon the cloth the same as was formerly done by hand to sew collars on coats and cloaks.

In the drawings, Figure 1 is a side elevation of the foot embodying my invention. Fig. 2 is a front elevation of the same. Fig. 3 is an elevation of the side of the foot opposite that shown in Fig. 1. Fig. 4 is a bottom plan view of the foot. Fig. 5 is a top plan view of the same, and Fig. 6 is a perspective view of the head of a machine with my invention attached.

1 represents the head of a machine of approved type of what is known as a "zigzag" machine, showing the presser-bar 2 and the needle-bar 3.

The felling or feller foot A is attached to the presser-bar 2 by means of the screw 5. As shown in the drawings, the feller-foot has one long toe D and one short toe E, there be-

ing a wide slot or recess F at the rear of said toes and positioned between them, said recess, as shown in the drawings, being transverse of the foot. B is a guide secured to the long toe by means of an arm B', having an elongated slot through which a set-screw C passes, said set-screw passing into a screw-threaded opening in the long toe, whereby said guide is secured to said long toe in any desired position, said guide being adjustable toward and from the inner side of the long toe. As will be seen, the guide depends from the arm B'.

The feller-foot operates upon the cloth the same as was formerly done by hand. The cloth is placed under the foot, after which the foot is lowered onto the cloth, in which position it is ready to operate on the cloth. The wide slot in the foot is constructed so as to enable the operator to see the seam in the cloth, and the guide enables the operator to maintain the cloth in the proper position. Thus the guide in connection with the feller-foot regulates the felling.

Having thus described the invention, the following is what is claimed as new therein:

A feller-foot comprising a standard, an integral long toe having a flat base and upwardly-extending outer end, a short toe widely spaced from the long toe there being an elongated slot at the base of and transverse to said toes, and an adjustable guide secured to the top of the upwardly-extending end of the long toe and depending along the inner side of said end to a point in the plane of the flat base of the long toe.

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

MAX HOFFERT.

Witnesses:

FRANK K. BOWMAN,
SAML. WOLFSTEIN.