

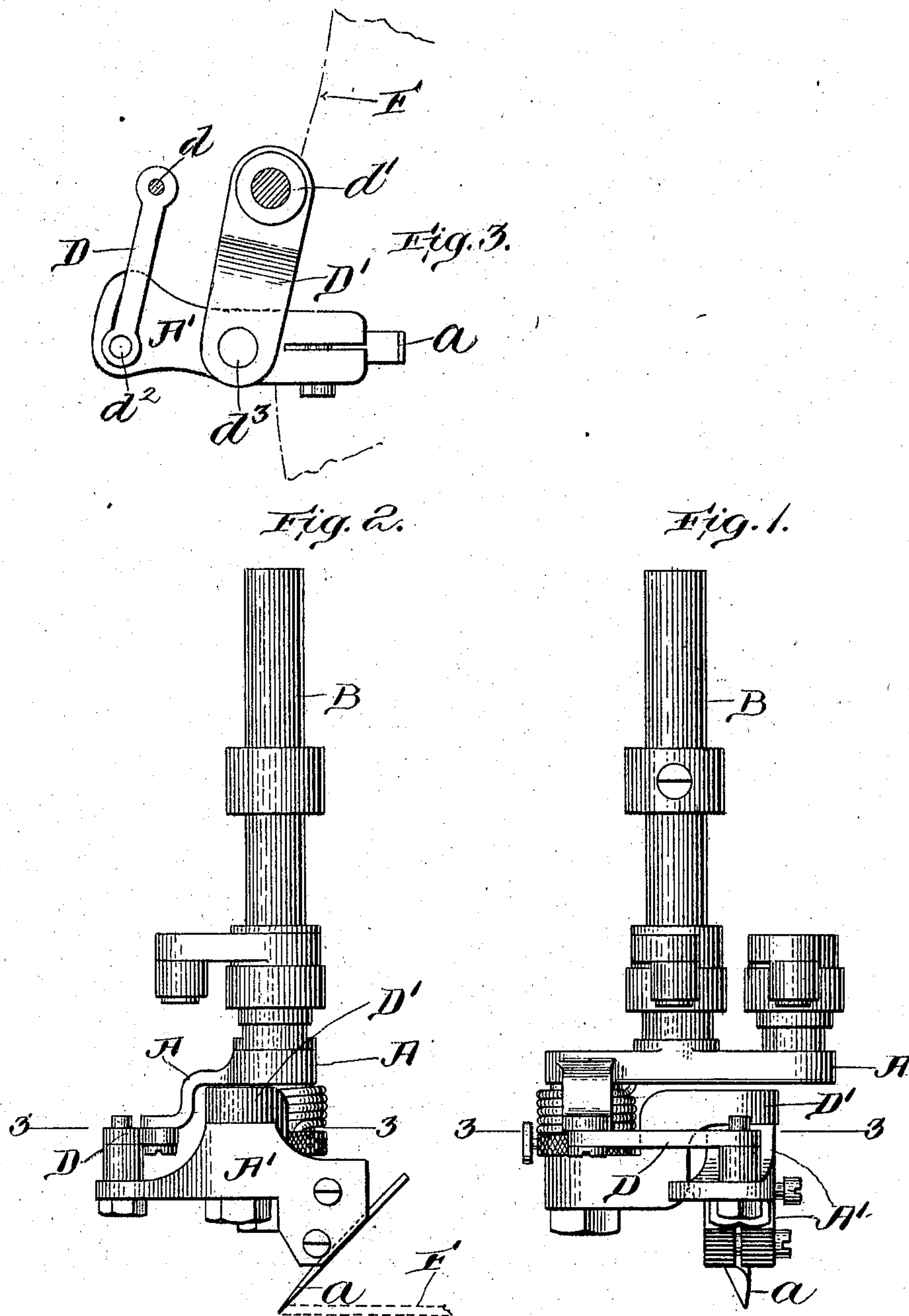
No. 815,486.

PATENTED MAR. 20, 1906.

A. M. STICKNEY.

KNIFE CARRYING MECHANISM FOR SOLE CUTTING MACHINES.

APPLICATION FILED FEB. 20, 1905.



Witnesses:
C. B. Maignadier.

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UNITED STATES PATENT OFFICE.

ALLISON MORRIS STICKNEY, OF MEDFORD, MASSACHUSETTS, ASSIGNOR
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KNIFE-CARRYING MECHANISM FOR SOLE-CUTTING MACHINES.

No. 815,486.

Specification of Letters Patent.

Patented March 20, 1906.

Application filed February 20, 1905. Serial No. 246,503.

To all whom it may concern:

Be it known that I, ALLISON MORRIS STICKNEY, of Medford, in the county of Middlesex and State of Massachusetts, have invented a new and useful Improvement in Knife-Carrying Mechanism for Sole-Cutting Machines, of which the following is a specification, reference being had to the accompanying drawings, making a part hereof, in which—

Figure 1 is a front view. Fig. 2 is a side view, and Fig. 3 is a section on line 3 3 of Figs. 1 and 2.

My invention is an improvement on the knife-carrying mechanism shown in my Patent No. 647,888, dated April 17, 1900; and it consists in connecting the blade-holder with the knife-carrier of that patent by means of two links which are so arranged relatively that they always maintain the cutting edge of the blade carried by the blade-holder in proper relation to the edge of the external form against which the blade is carried by the knife-carrying mechanism, the parallel links being so disposed that the blade is caused to accurately follow the external form about which the blade is carried by the knife-carrier.

In the drawings the knife-carrier proper is made up of the main carrier A, made fast to the spindle B at its lower end and provided

with the links D D', pivoted at $d d'$ at one end to the main carrier and at the other end of the links D D' to the blade-holder A', which is shaped to receive the pivots $d^2 d^3$, which connect the links D D' to the blade-holder A'.

The blade a is secured in the blade-holder A', as shown in my patent above referred to, and is otherwise as fully described in that patent, except that the motions given to it are adapted much more perfectly to the variations of the edge of the form F than is possible with the knife-carrying mechanism described in that patent.

What I claim as my invention is—

1. In a knife-carrying mechanism for sole-cutting machines the combination of a knife-carrier; a blade-holder; and parallel links connecting the knife-carrier and blade-holder to guide the blade in its movements with relation to the carrier.

2. In a knife-carrying mechanism for sole-cutting machines the combination of a knife-carrier; a blade-holder; and parallel links connecting the knife-carrier and blade-holder to guide and support the blade in its movement with relation to the carrier.

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Witnesses:

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