

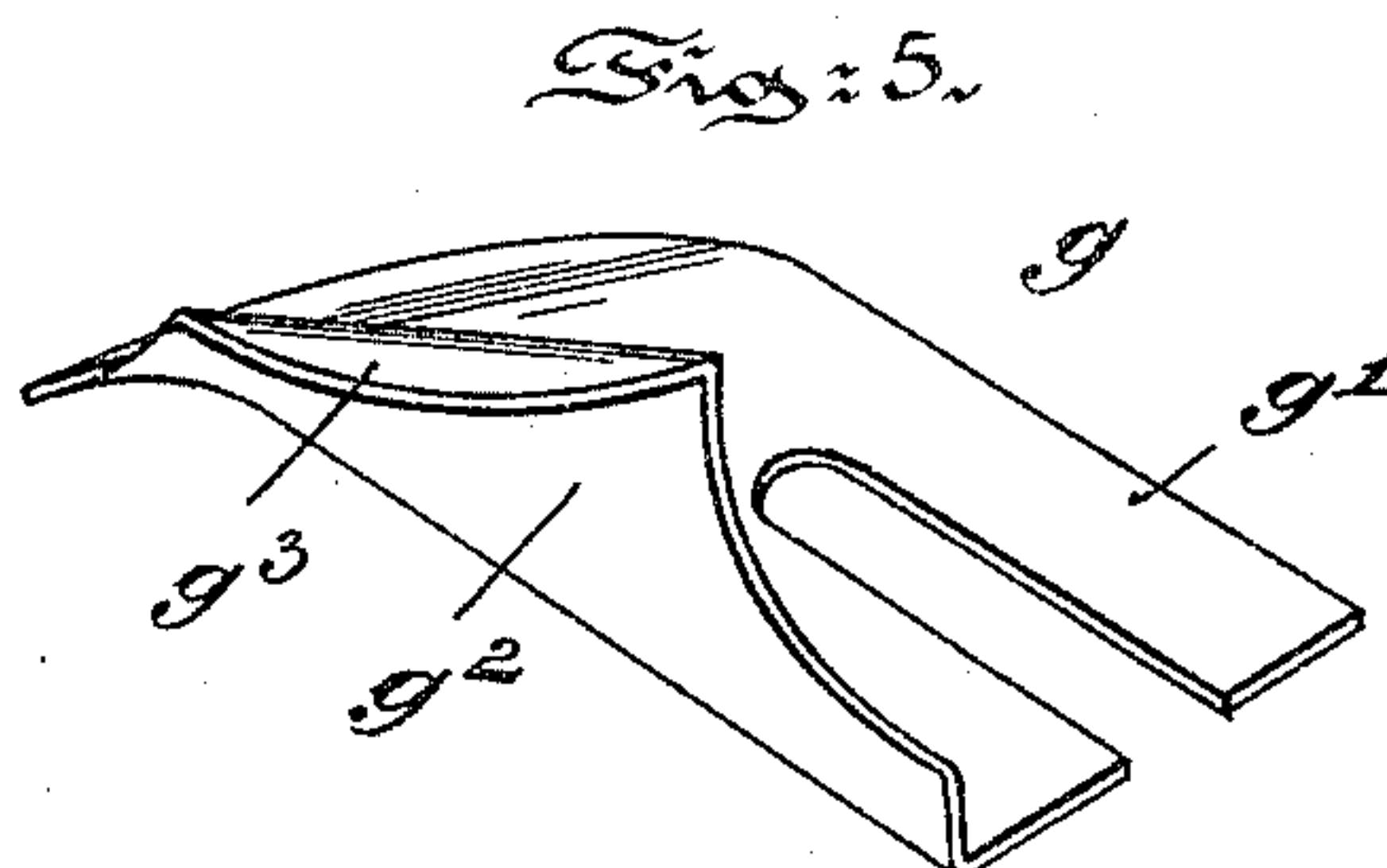
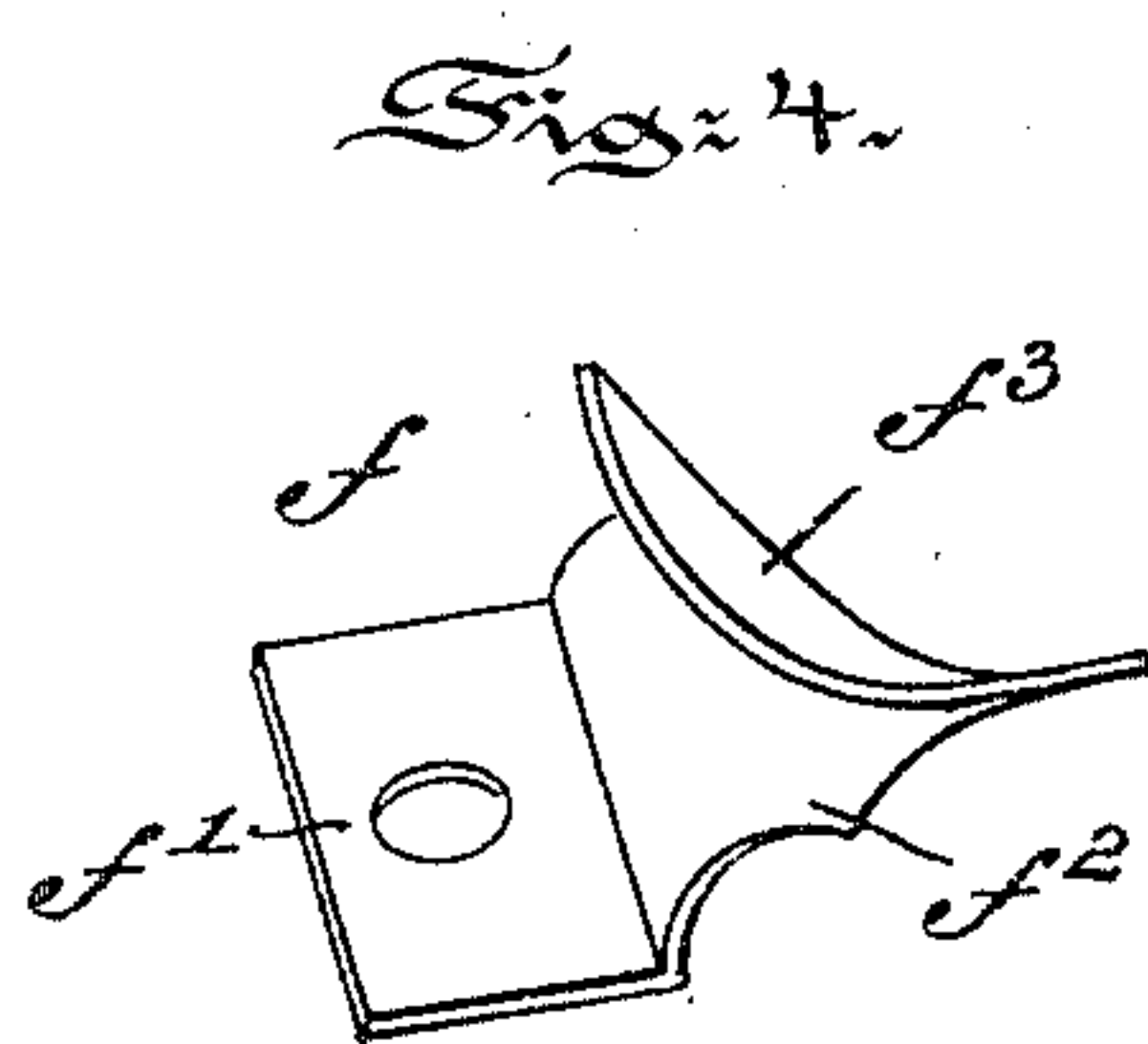
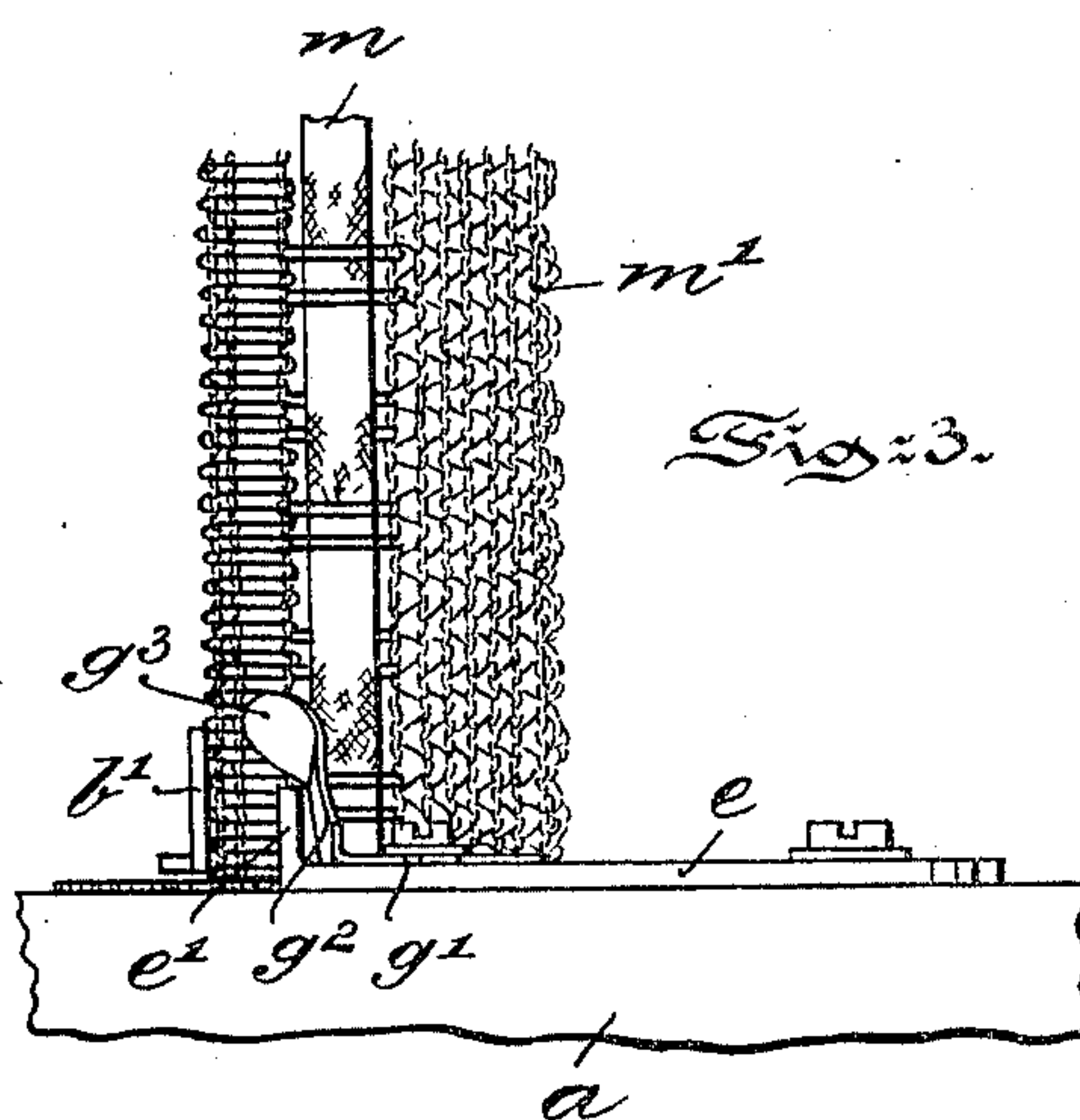
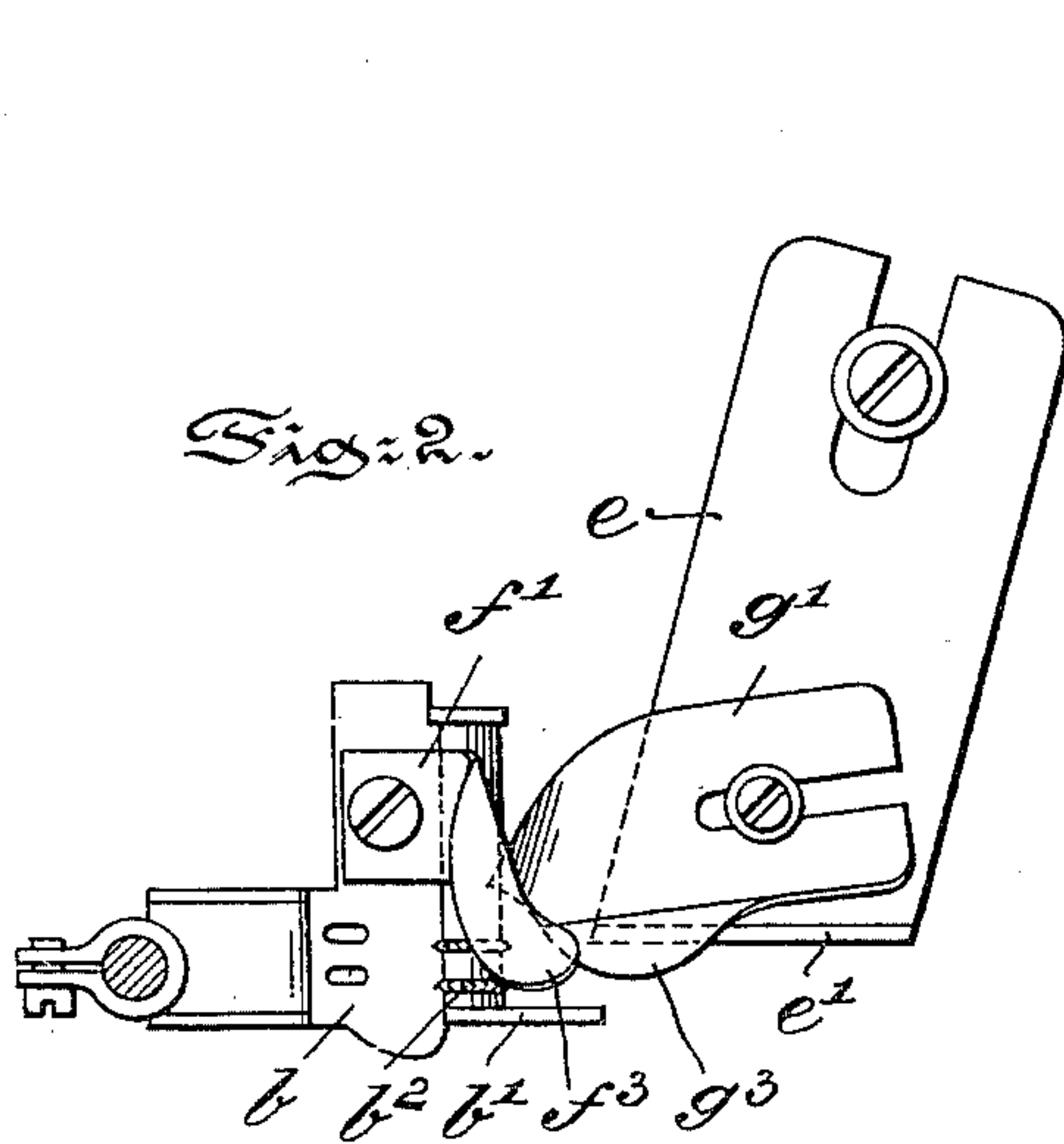
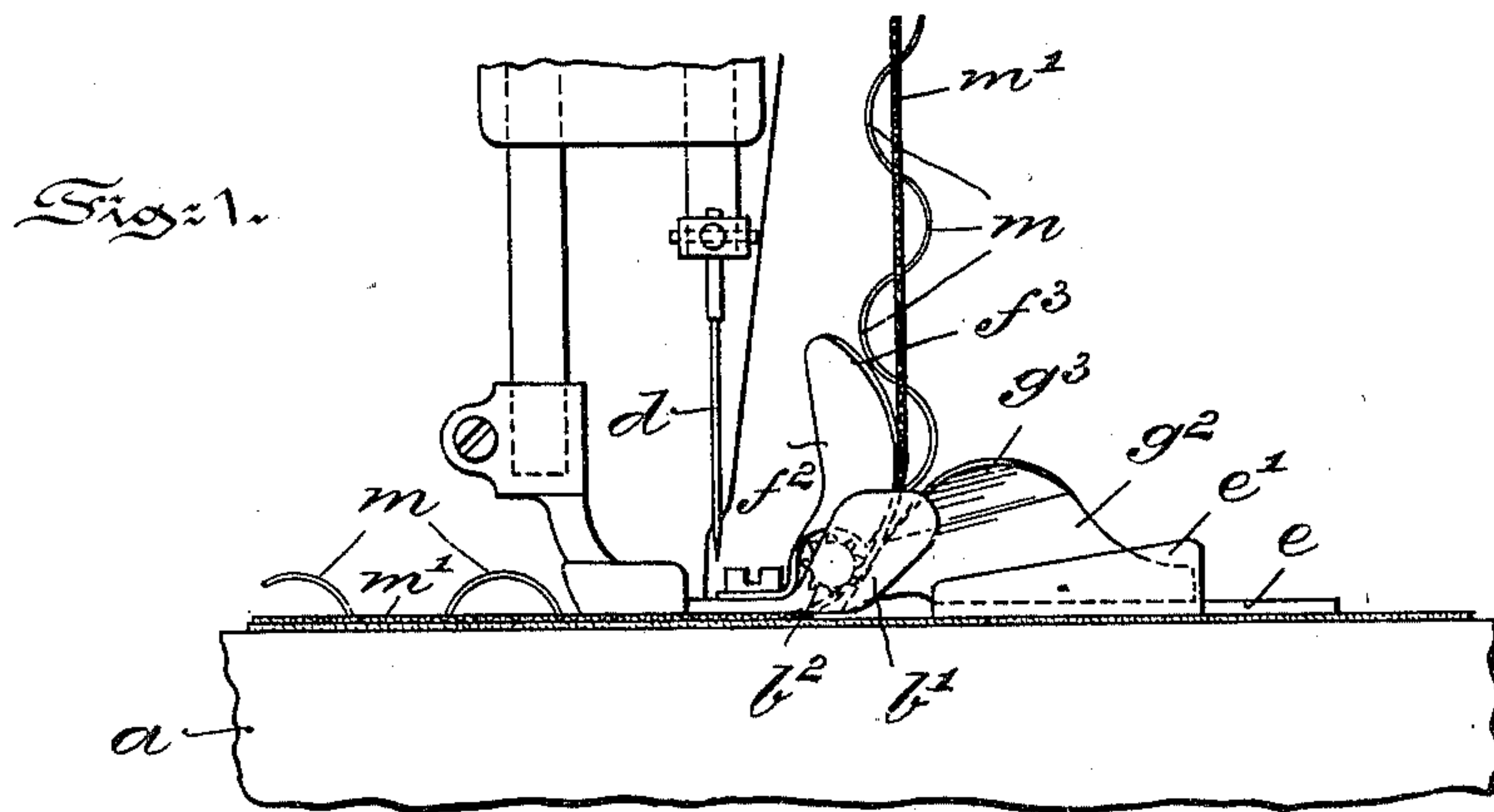
No. 706,166.

Patented Aug. 5, 1902.

J. DAVIS.
GUIDE FOR SEWING EDGINGS.

(Application filed May 6, 1902.)

(No Model.)



Witnesses:
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UNITED STATES PATENT OFFICE.

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GUIDE FOR SEWING EDGINGS.

SPECIFICATION forming part of Letters Patent No. 706,166, dated August 5, 1902.

Application filed May 6, 1902. Serial No. 106,127. (No model.)

To all whom it may concern:

Be it known that I, JONATHAN DAVIS, a citizen of the United States, residing at Phoenixville, in the county of Chester and State of Pennsylvania, have invented certain new and useful Improvements in Guides for Machines for Sewing Braided Edgings to Garments, of which the following is a specification.

My invention has relation to a guide adapted for use upon machines designed to sew braided edgings to garments; and in such connection it relates to the construction and arrangement of parts constituting such a guide.

In the sewing of taped or braided edgings to garments it has heretofore been difficult to prevent the braid or tape, which is loosely looped in the edging, from falling under the needle or needles of the sewing-machine, and hence being sewed to the garment.

My present invention consists of a means whereby during the sewing of tape or braided edgings to garments the loosely-looped tape or braid may be guided away from the needle or needles of the machine.

The nature and scope of my invention will be more fully understood from the following description, taken in connection with the accompanying drawings, forming part hereof, in which—

Figure 1 is a side elevational view of the two members of a guide embodying main features of my invention and of such parts of the sewing-machine to which the members are operatively connected. Fig. 2 is a top or plan view of the guide and the presser-foot and bracket on the bed-plate of the machine, to which parts the guide members are operatively connected. Fig. 3 is a front elevational view of Fig. 1, and Figs. 4 and 5 are perspective views of the members forming the guide detached from the machine.

Referring to the drawings, *a* represents the bed-plate of the machine, and *b* the presser-foot, carrying the guide-flange *b'* and feed-roller *b²*, of usual construction. The machine has also the usual needle or needles *d*, and upon its bed-plate *a* is secured the usual adjustable bracket *e*, having the guiding edge or flange *e'*. To these old parts there are adapted the two members *f* and *g* of my improved guide. The member *f* is screwed or otherwise secured directly to the presser-foot

b and has a flat base *f'* resting upon the foot *b*. From this base *f'* projects upwardly and forwardly away from the needle or needles *d* a curled body portion *f²*, having a lip *f³* extending over the feed-roller *b²* and diverging downwardly toward the same. The member *f* thus has three distinct portions—namely, a base *f'*, which rests upon and is secured to the presser-foot *b*, a shield portion *f²*, adjacent to the needles, and a shield portion *f³*, projecting over the feed-roller *b²* of the presser-foot *b*. The member *f* thus serves to prevent the loosely-looped braid *m* of the edging *m'* from dropping or falling against the needle or needles *d* or upon the feed-roller *b²*. The other member *g* of the guide has a base *g'*, screwed or otherwise secured, preferably, to the bracket *e*, on the bed-plate *a* of the machine. It has also an upwardly-projecting curled portion *g²* and an outwardly-flaring portion *g³*, which serve, respectively, as a guide for the edge of the looped tape *m* and as a guide for the inner portion of the edging *m'*, as clearly illustrated in Fig. 3. The member *g* thus has three portions—namely, a base portion *g'*, by means of which it may be secured to the bracket *e* or other stationary part of the machine, a curled portion *g²*, against which the edge of the looped tape is guided, and a flaring portion *g³*, which serves to guide the inner portion of the edging *m'* toward the presser-foot *b*.

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

1. In a machine for sewing loosely-taped edgings to garments, a means whereby during the sewing of the edging the loosely-looped tape or braid may be guided away from the needles of the machine, said means comprising two members, whereof one is secured to the presser-foot and is provided with an upwardly and forwardly projecting curled body portion having a lip extending over the feed-roller of the presser-foot and the other member is fixed to the bed-plate of the machine and is provided with an upwardly-projecting curled portion and an outwardly-flaring portion serving respectively as a guide for the edge of the looped tape and a guide for the inner portion of the edging.

2. In a machine of the character described,

the combination of a presser-foot and its feed-roller, a needle or needles and means for operating the same, with a guide member having a base united to the presser-foot, an upwardly and forwardly projecting body portion
5 extending upward adjacent to the needles and a curled lip portion extending over the feed-roller of the presser-foot and a second guide member fixed to the bed-plate of the

machine in front of the first guide member to and cooperating therewith.

In testimony whereof I have hereunto set my signature in the presence of two subscribing witnesses.

JONATHAN DAVIS.

Witnesses:

CLIFFORD EVANS,
WARREN J. HALLMAN.