

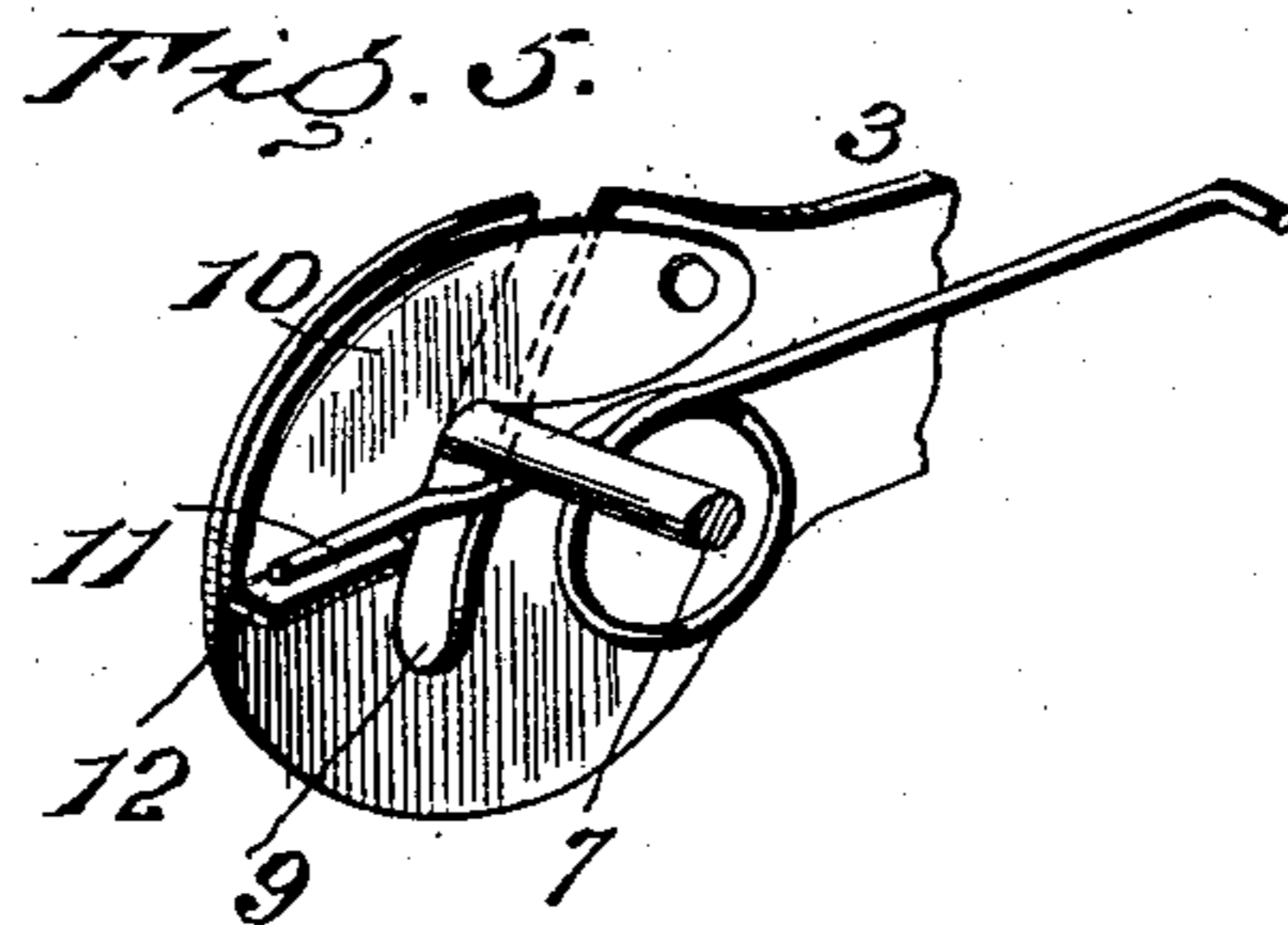
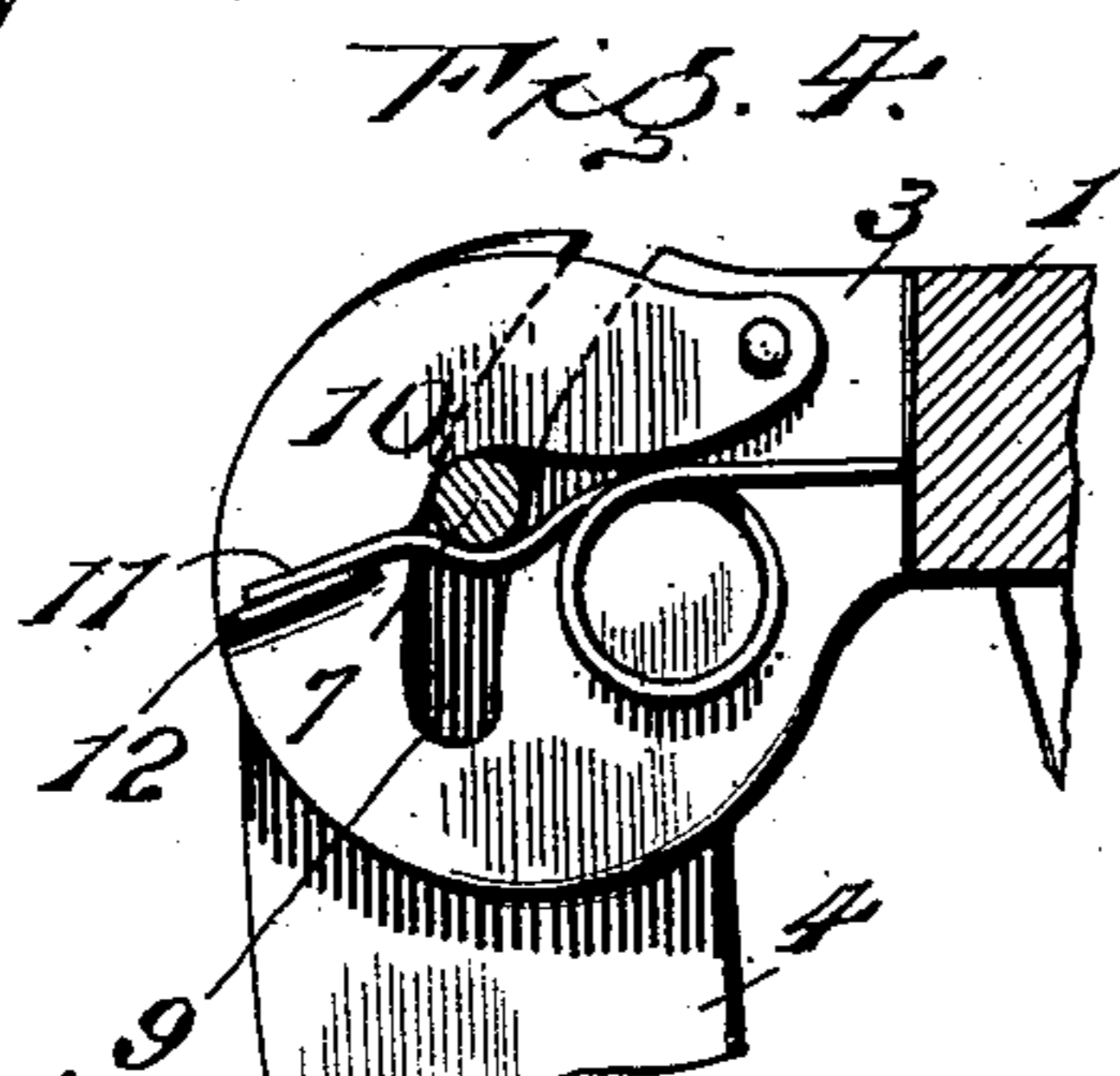
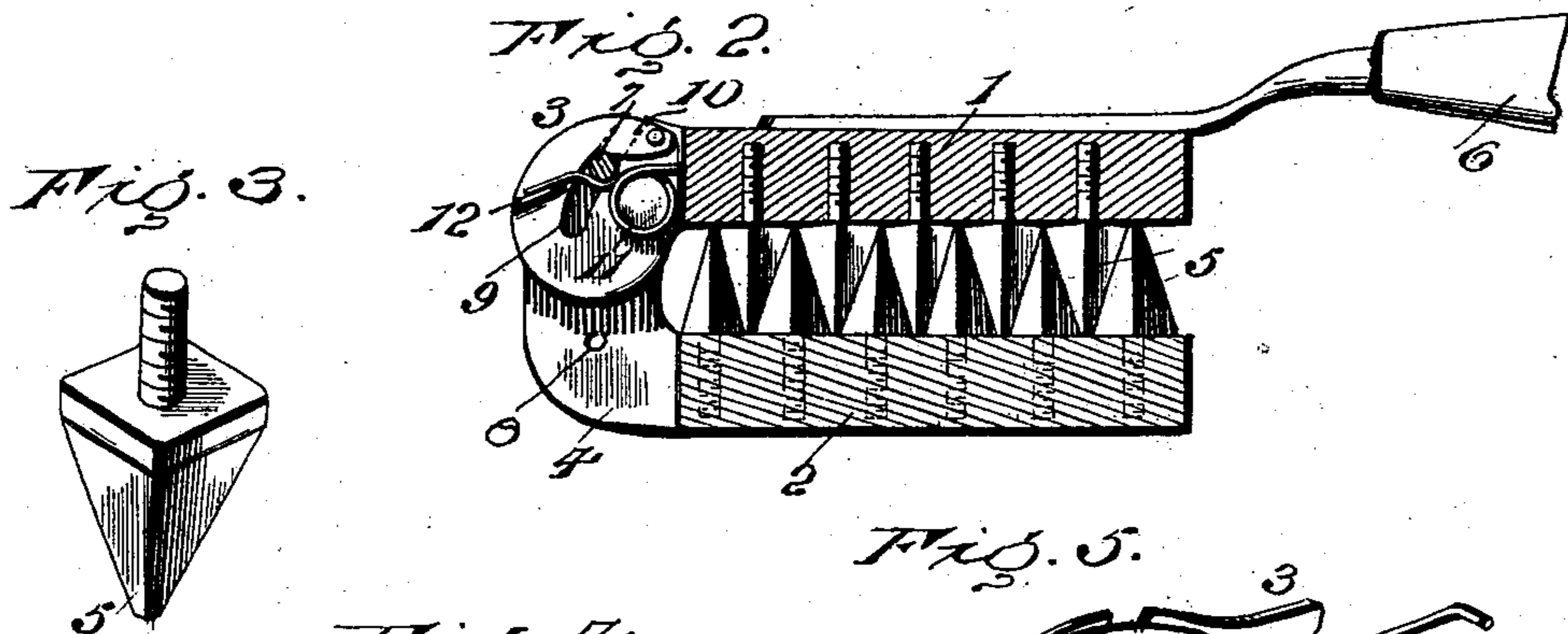
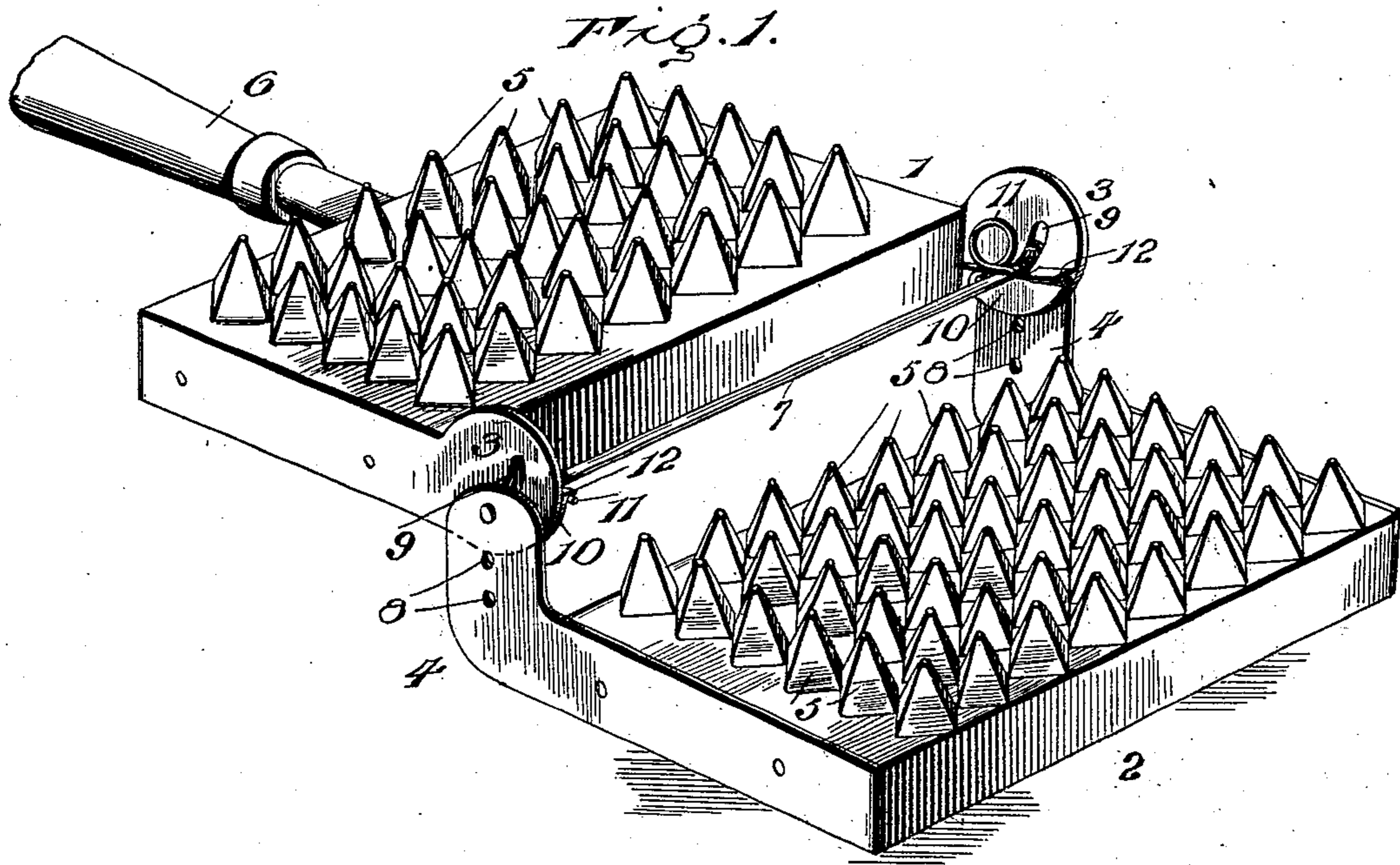
No. 715,695.

Patented Dec. 9, 1902.

F. M. ROBINSON.
MEAT TENDERER.

(Application filed May 23, 1902.)

(No Model.)



Witnesses

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UNITED STATES PATENT OFFICE.

FRANCIS M. ROBINSON, OF ZION STATION, KENTUCKY.

MEAT-TENDERER.

SPECIFICATION forming part of Letters Patent No. 715,695, dated December 9, 1902.

Application filed May 23, 1902. Serial No. 108,690. (No model.)

To all whom it may concern:

Be it known that I, FRANCIS M. ROBINSON, a citizen of the United States, residing at Zion Station, in the county of Grant and State of Kentucky, have invented certain new and useful Improvements in Meat-Tenderers; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to that class of culinary articles commonly known as "meat-tenderers," and has for its object to provide a device simple in construction and at the same time possessed of advantages not heretofore acquired in this art.

The device consists, essentially, of the type having two plates pivoted to each other and adapted to swing toward and meet upon opposing faces, the said faces being provided with means for separating the tendons, ligaments, and otherwise tough portions of the meat. Teeth are usually provided for this latter purpose. The plates themselves are so connected that they are adapted to be readily separated to facilitate cleaning and for other purposes which will be apparent.

The invention also contemplates the provision of means for allowing different thicknesses of meat to be placed between the plates and rendered suitable for eating purposes by the operation hereinbefore mentioned.

For a full description of the invention and the merits thereof, and also to acquire a knowledge of the details of construction of the means for effecting the result, reference is to be had to the following description and drawings hereto attached.

While the essential and characteristic features of the invention are susceptible of modification, still the preferred embodiment of the invention is illustrated in the accompanying drawings, in which—

Figure 1 is a view showing the device open and ready for use. Fig. 2 is a cross-sectional view. Fig. 3 is a perspective view of one of the mashing-teeth. Fig. 4 is a cross-section showing the hinge member. Fig. 5 is an inverted perspective view of a hinge member.

Corresponding and like parts are referred to in the following description and indicated

in all the views of the drawings by the same reference characters.

The plates 1 and 2 are hinged together by the hinge members 3 and 4, respectively. Located upon the opposing faces of the said plates are the intermeshing teeth 5, which are preferably removably affixed for purposes of cleaning the device when the same becomes clogged or is otherwise rendered unfit to be used. The upper plate 1 has upon its upper side the handle 6, which is disposed thereon in any preferred manner. The lower or bed plate 2 may be secured to a table or other object by suitable fastenings provided for the purpose.

The hinge members are provided with the adjustable means for allowing varied thicknesses of meat to be tendered. These members 3 and 4 are also secured to the plates in any suitable manner, being shown disposed upon the side edges of the same and having their end portions extended beyond the plates. The pivot-rod 7 is fixed in the usual manner. A series of holes 8 upon the hinge members 4 allow for adjustment of the pivot-rod 7, and consequently the pivotal point of the plates with relation to each other. The corresponding portions of the hinge member 3 have open slots 9 therein, the open ends of which slots are closed by the pivoted latch-pieces 10. These latch-pieces 10 are held normally, so as to close the slots by the springs 11, fastened between the plate 1 and its hinge members. One end of the spring engages over a lug 12, formed upon the latch-piece. To separate the plates from each other, these springs are disengaged from the lugs and the latch-pieces swung open.

The slots 9, in conjunction with the springs 11, allow for a limited yielding of the plates as they are forced toward each other to close upon the meat. The length of these slots will adapt the device for accommodation of different thicknesses of meat to some extent. However, the adjustment of the pivot-rod 7 is especially designed for this purpose.

Having thus described the invention, what is claimed as new is—

1. In combination, meat-tenderer plates hingedly secured together, hinge members projected from the said plates, one of said

members having an open slot to receive the pivot-fastening, the open end of said slot being normally closed by a pivoted latch-piece, the corresponding hinge member having openings to receive the pivot-fastening aforementioned, substantially as set forth.

2. In combination, hinged tenderer-plates, projected hinge members, one of said members having an open slot to receive the pivot-fastening, the open end of the slot being closed by a pivoted latch-piece, a spring adapted to hold the latch-piece closed, the pivot-fasten-

ing being clamped between the said spring and latch-piece, all permitting of automatic yielding separation of the tenderer-plates upon compressing the substance to be treated, substantially as described.

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

FRANCIS M. ROBINSON. [L. S.]

Witnesses:

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W. N. ROBINSON.