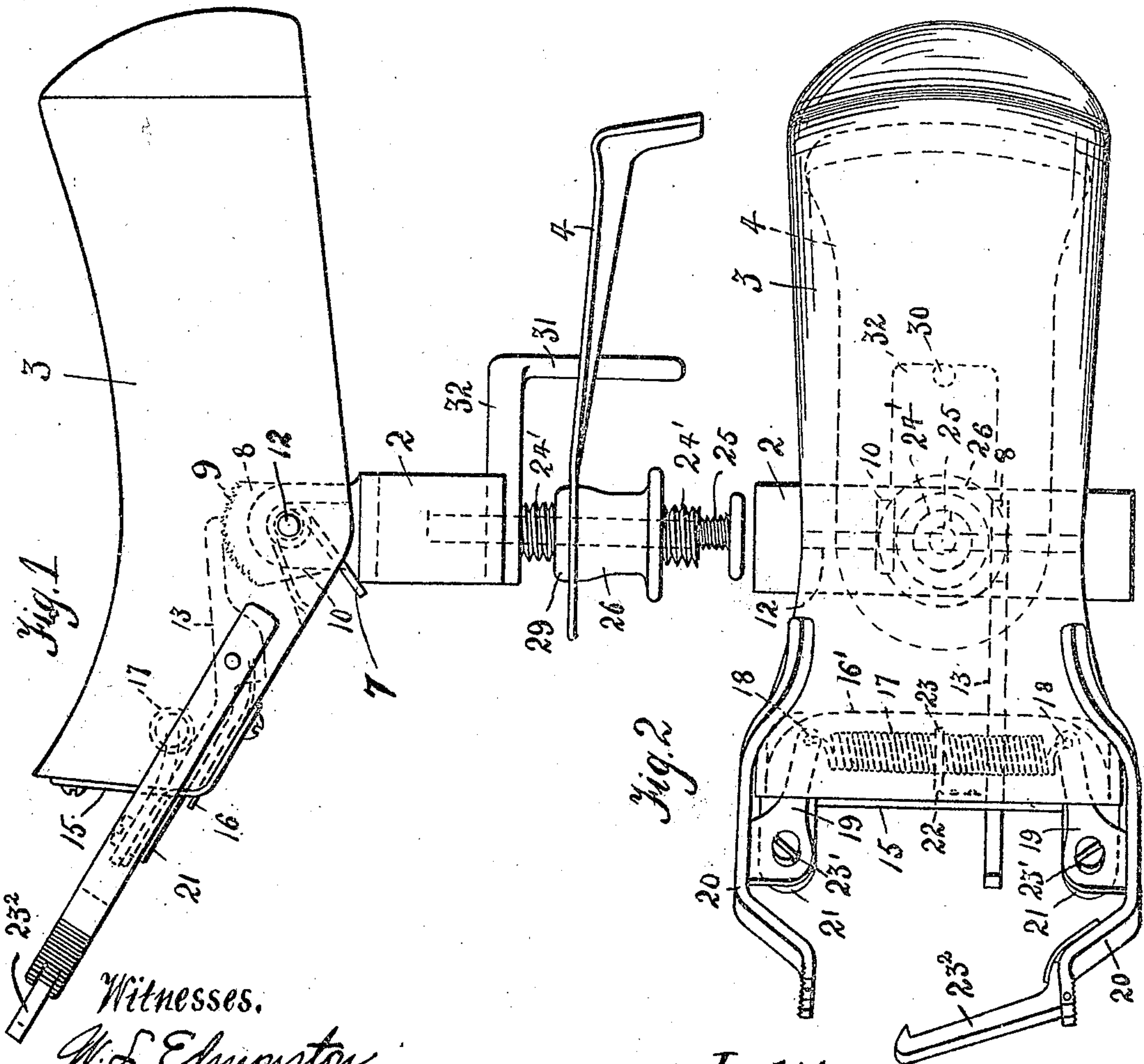
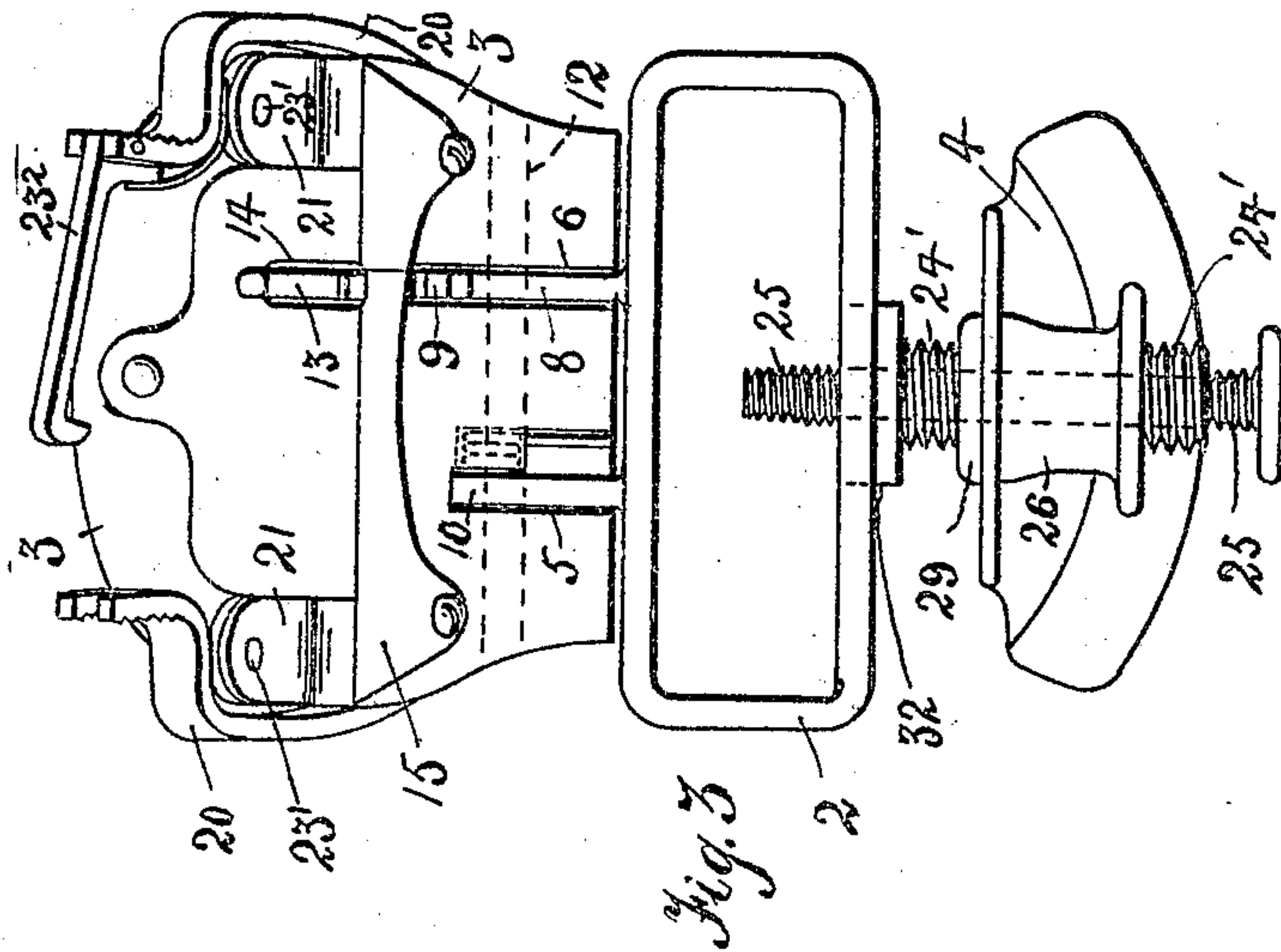


J. M. STEIN.
SHOULDER PRESSER FORM.
APPLICATION FILED JAN. 13, 1908.

952,377.

Patented Mar. 15, 1910.

3 SHEETS—SHEET 1.



Witnesses.
W. L. Edmonston
C. H. Woodward

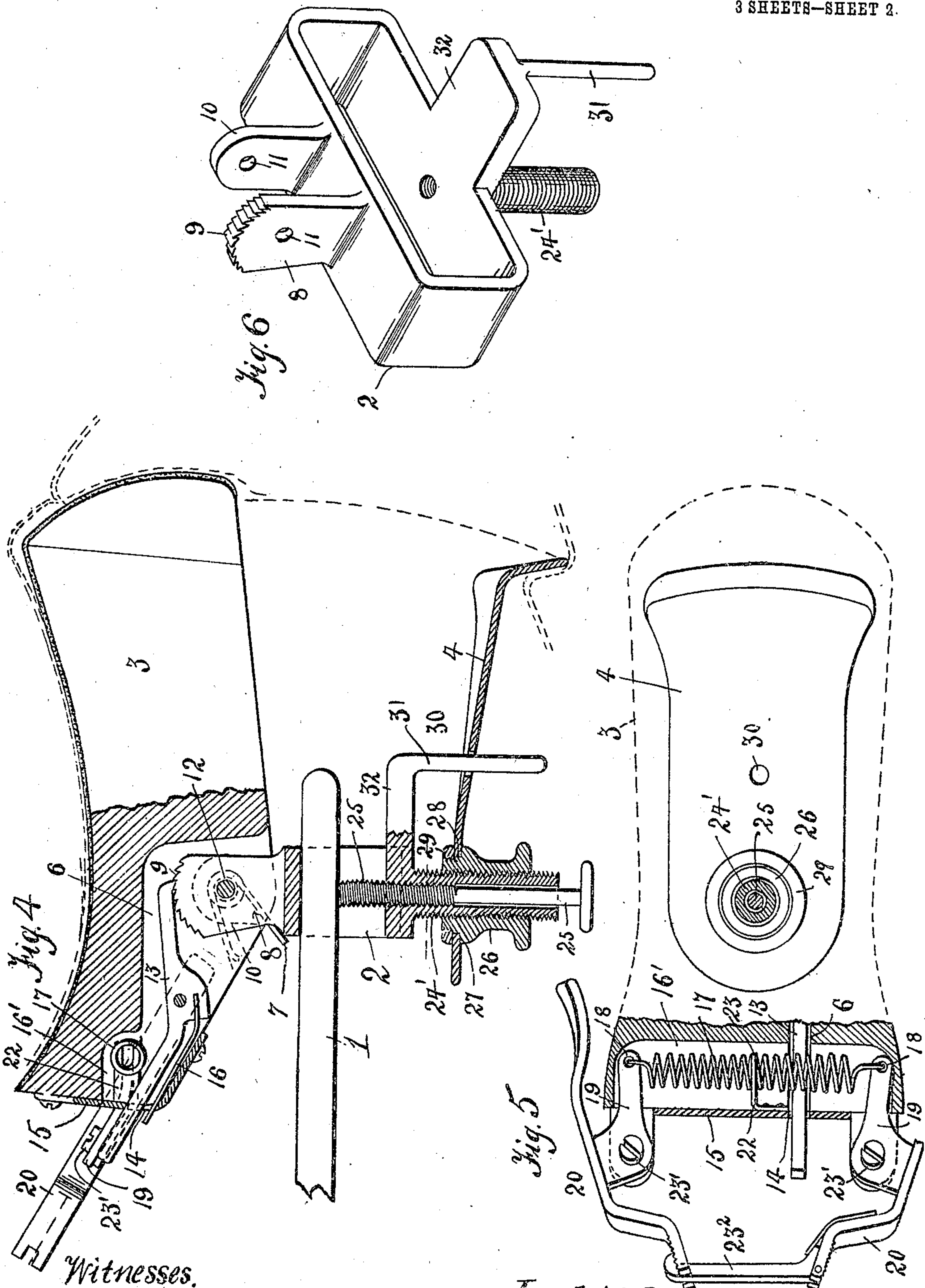
By *Jacob M. Stein*, Inventor.
Howard Attorney.

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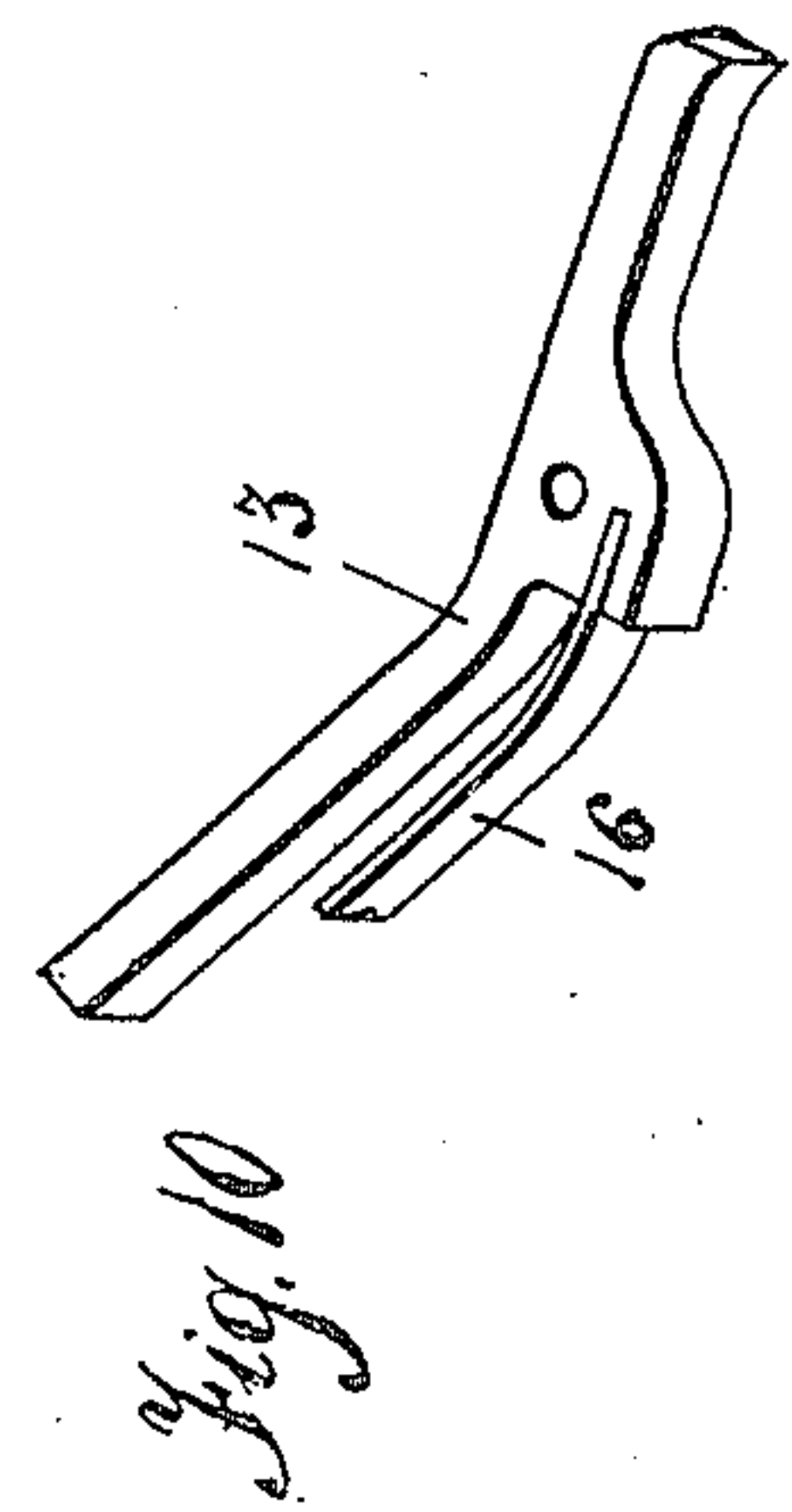
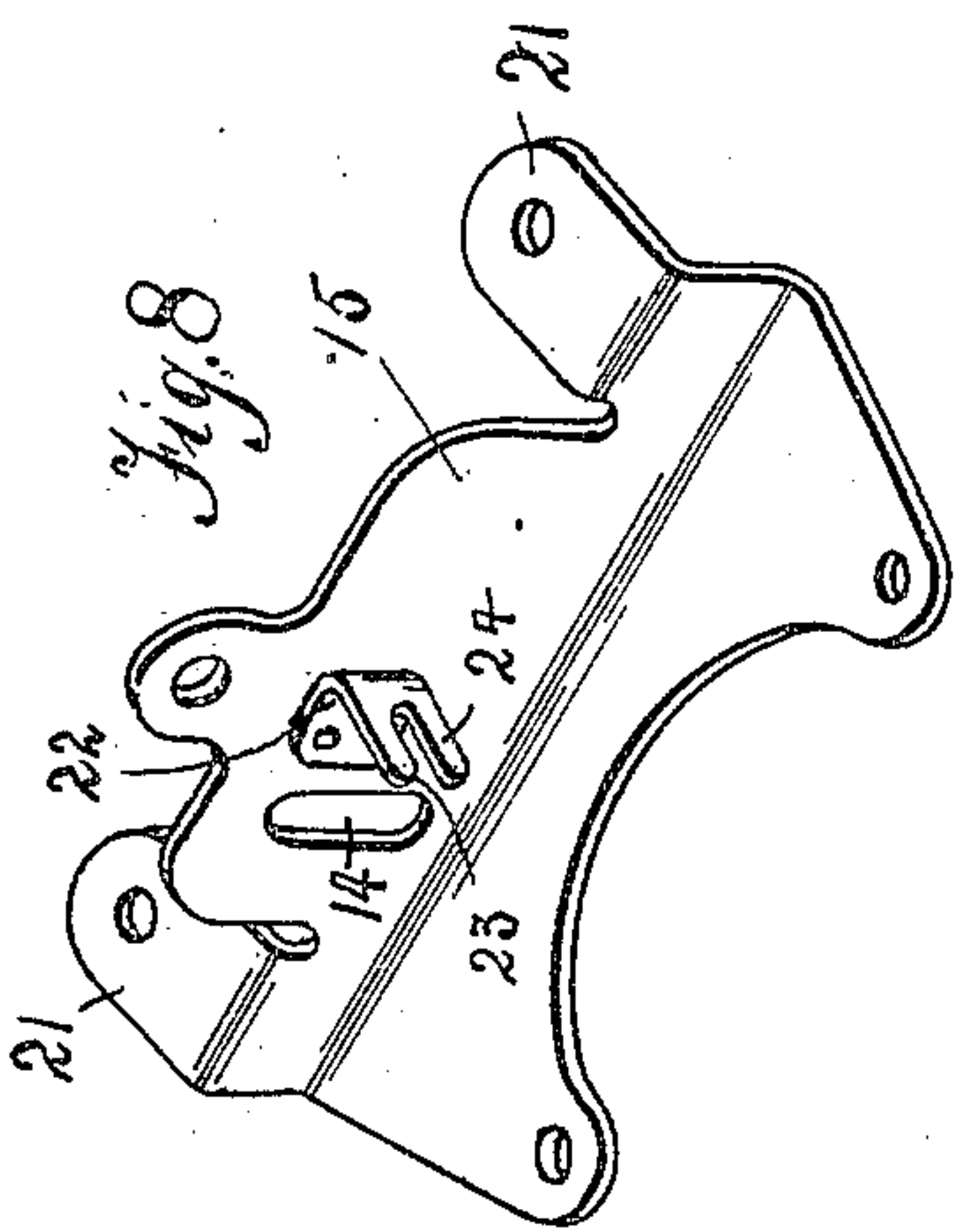
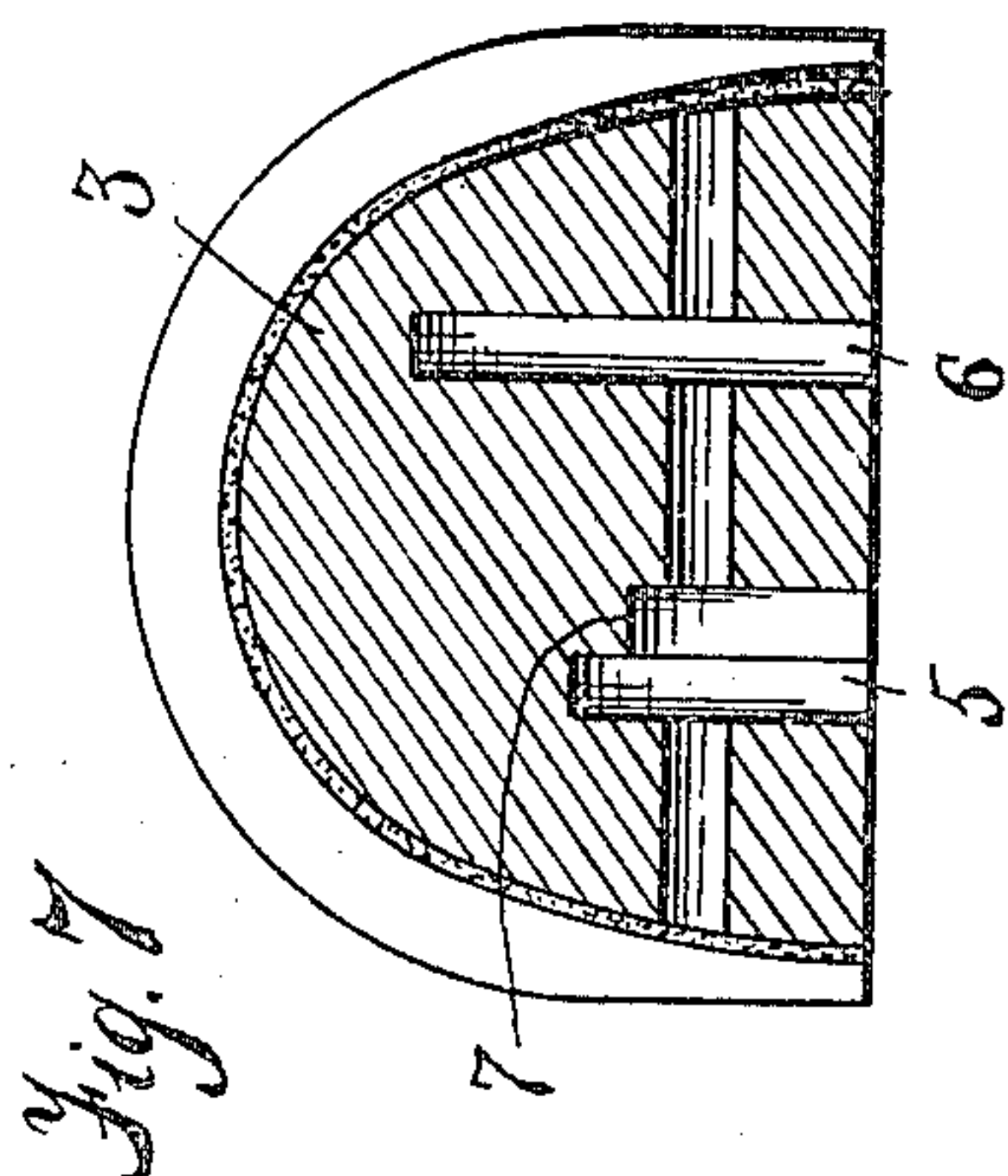
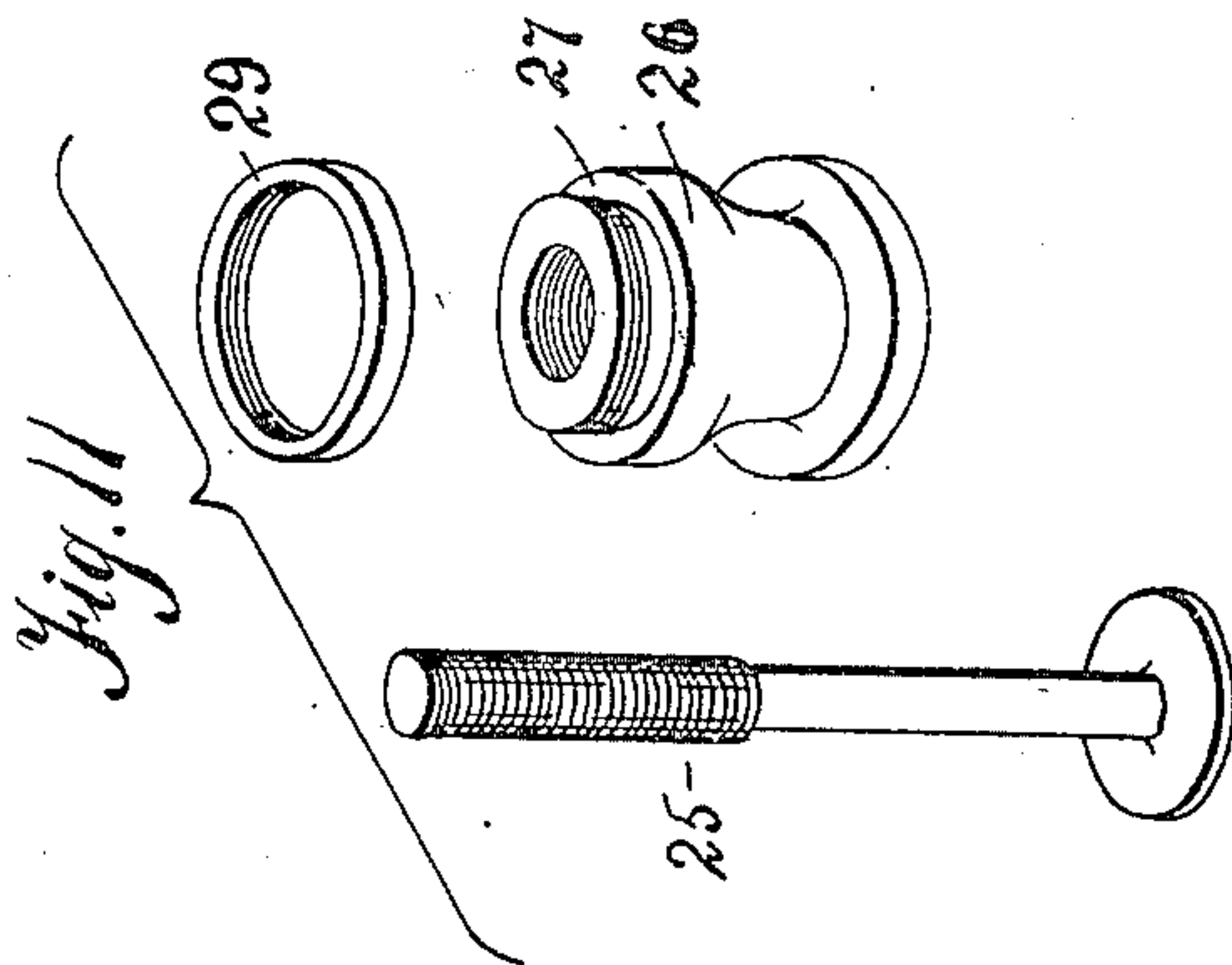
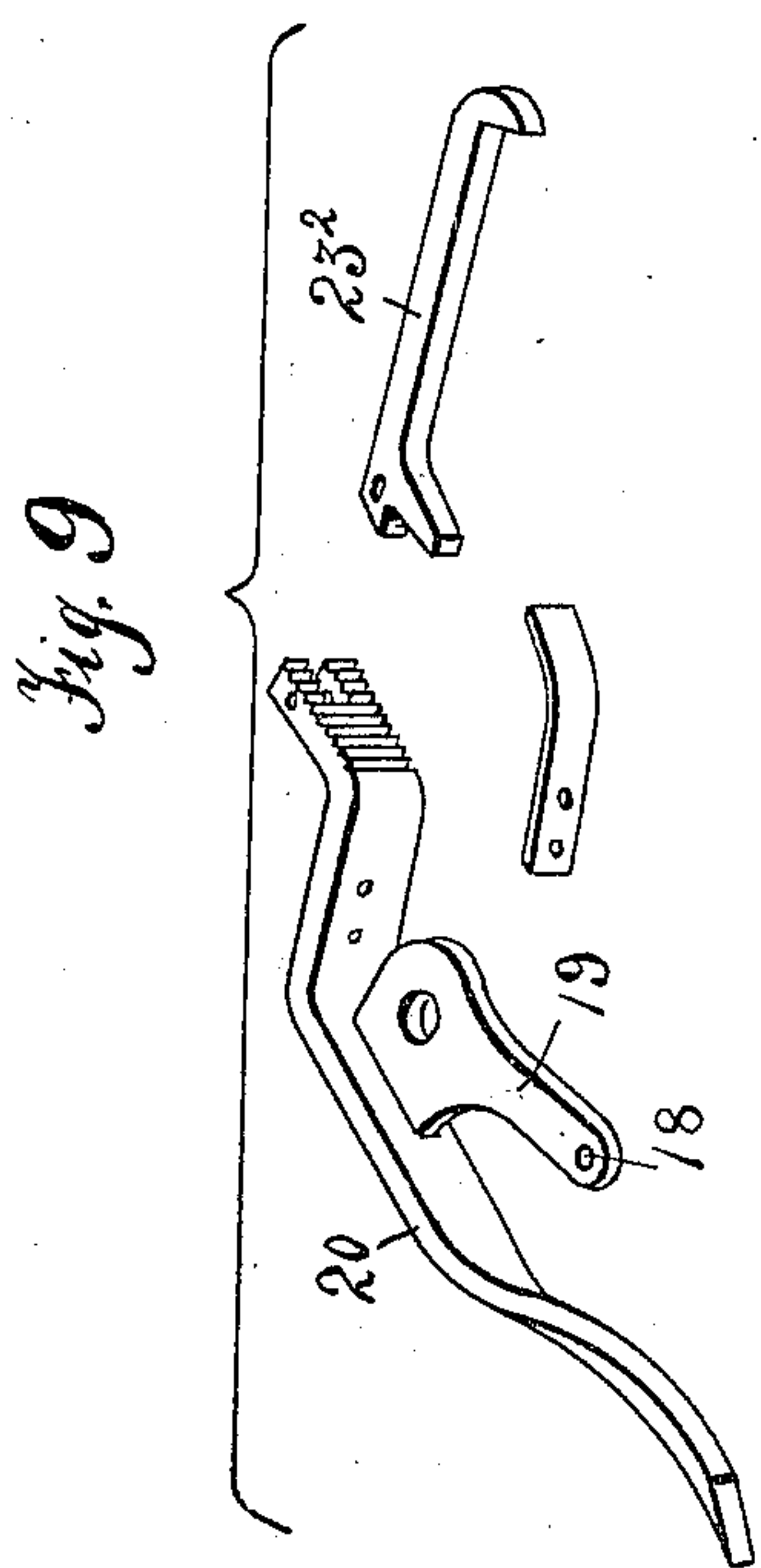
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Jacob M. Stein, Inventor.
By *[Signature]* Attorney.

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3 SHEETS—SHEET 3.



Witnesses.
W. L. Edmonston
C. H. Woodward.

Jacob M. Stein, Inventor.
By *[Signature]* Attorney.

UNITED STATES PATENT OFFICE.

JACOB M. STEIN, OF WASHINGTON, DISTRICT OF COLUMBIA.

SHOULDER-PRESSER FORM.

952,377.

Specification of Letters Patent.

Patented Mar. 15, 1910.

Application filed January 13, 1908. Serial No. 410,686.

To all whom it may concern:

Be it known that I, JACOB M. STEIN, a citizen of the United States, residing at Washington, District of Columbia, have invented certain new and useful Improvements in Shoulder-Presser Forms, of which the following is a specification.

This invention relates to a shoulder pressing device for garments.

10 In the pressing of garments, it has been found difficult to press the shoulders of coats expeditiously and satisfactorily. The shoulders of coats are usually pressed upon the well known "bosom" or "presser" blocks 15 which tend to defeat rather than accomplish the object in view. In the use of this old type of block the shoulder of the garment is pressed upon the narrower end of the pressing surface thereof. A damp cloth 20 is then placed over the shoulder of the garment and a hot iron passed over the damp cloth to steam the goods of the garment so that the latter may be stretched. This stretching of the material of the garment 25 is usually accomplished by grasping the material of the shoulder upon opposite sides of the block and stretching the same by hand over the latter. The stretching is done alternately with the application of the hot 30 iron. The ordinary "bosom" or "presser" boards present a flat upper surface and when the steamed material or goods is stretched thereover, it tends to flatten or broaden the shoulders from front to rear in direct contradistinction to a narrowing and raising of 35 the shoulders.

To effect a proper or high shouldered garment, it is essential that the shoulder be raised and narrowed from front to rear. An 40 expert presser, regardless of the time he may consume, cannot possibly shape the opposite shoulders alike with the use of the ordinary "bosom" or "presser" board or block, one side almost invariably being lower 45 than the other, and surely so when considerable time and patience is not manifested in the work. The fact of the matter is that the workman is compelled to "guess" whether he has shaped both shoulders alike. 50 The workman is also hindered in his work in that he must continually shift the garment from one position to another upon the

old type of "bosom" or "presser" block. In the use of my improved shoulder presser device, both shoulders are raised to the same 55 degree and shaped alike, without shifting the garment from one position to another upon the form.

Another object of my invention is to provide a shoulder presser form embodying 60 such characteristics that incident to the alternate steaming and stretching of the goods, the material thereof at the shoulder will be lifted upwardly and narrowed instead of flattened from front to rear to present high 65 square shoulders upon each side of the garment.

Another object of the invention is to insure the proper shape of each shoulder in the quickest possible time, the form in the 70 present instance itself providing the necessary shape and obviating the necessity of shifting the garment from one position to another during the pressing operation.

It is a still further object of my invention 75 to provide a pivoted presser block constructed and arranged for detachable engagement with the ordinary "bosom" or "presser" form or any other support and to associate with the form an arm pit en- 80 gaging or holding member adapted to hold the garment beneath the form so that the pivotal movement of the latter will effectually stretch the goods to give the garment the desired high shouldered effect. 85

It is still further designed to provide a shoulder pressing device embodying a form and means associated therewith, whereby the device may be adjusted to different positions to accommodate different sized arm 90 holes between the sleeve and the shoulder of the garment, whereby coats of small or large size may be operated upon satisfactorily with the one device.

I also provide a presser form particularly 95 adapted to produce a shoulder having a "military" or a "French" effect.

With the above and other objects in view, the present invention consists in the combination and arrangement of parts hereinafter 100 more fully described, illustrated in the accompanying drawings and particularly pointed out in the appended claims.

In the drawings:—Figure 1 is a side ele-

vation of my invention. Fig. 2 is a top plan view. Fig. 3 is an end elevation. Fig. 4 is a side view partly in elevation and partly in section. Fig. 5 is an inverted plan view partly in section. Fig. 6 is a detail perspective view of the form supporting means. Fig. 7 is a transverse sectional view through the form with the cooperating elements of the form detached therefrom. Fig. 8 is a detail perspective view of the plate secured to the inner end of the form for the support of the garment holding elements for cooperation with the spring member confined within the form. Fig. 9 embraces views of a portion of the arm holding elements, especially to illustrate one of the garment holding fingers. Fig. 10 is a detail view of the dog that cooperates with the segment plate or form supporting means. Fig. 11 embraces three detail views of the elements composing the means to support and adjust the arm-pit engaging member.

Referring now more particularly to the accompanying drawings, the reference character 1 indicates a portion of the ordinary "bosom" or "presser" block to which my improved presser form is detachably secured by means of a suitable clamping bracket 2 designed to embrace the narrower end of the pressing surface of the ordinary type of "bosom" or "presser" block 1 or any other suitable support.

My improved presser form is indicated by the reference character 3 and the arm pit engaging or holding member is indicated by the reference character 4, the presser block having its bottom inclined from an intermediate point toward one end, and at such intermediate point there are provided spaced recesses 5 and 6, the recess 5 receiving the spring 7. This spring 7 has two legs as shown, one by bearing in the recess 5 and the other leg bearing against the bracket 2, whereby the presser form will have a tendency to normally assume its initial position when released in a manner hereinafter explained. The recess 6 is comparatively long and opens through the inner or collar end of the form 3 for a purpose presently understood.

Formed or secured upon the upper face of the clamping member 2 is an ear 8 having a toothed upper edge 9, and in spaced relation to this ear 8 upon the upper face of the clamping member 2 is an ear 10, the ears 8 and 10 fitting in the recesses 6 and 5, respectively, and provided with alining perforations 11 designed to receive the pivot bolt 12 passing transversely through the form 3.

Pivotally mounted within the elongated recess 6 is a dog 13 whose inner end is adapted to engage the teeth 9 of the ear 8 to per-

mit of a step by step pivotal movement of the form 3 and prevent accidental backward movement of the form 3 during this step by step pivotal movement. It will be seen that the dog 13 projects through the opening 14 of the garment holding finger supporting plate 15 secured in any suitable manner to the inner or collar end of the form. This plate 15 also extends beneath and is secured to the under face of the collar end of the form and against the upper face of which bears a spring 16 carried by the dog 13, the spring being designed to hold the inner end of the dog normally in engagement with the teeth 9 of the ear 8 and yet permit of a disengagement thereof upon depression of the dog, as readily understood. This dog 13 is depressed at its outer projecting end only when it is desired to return the form 3 to its initial position and just as soon as the outer end of the dog 13 is depressed, the aforesaid spring 7 pulls the presser form to its initial position.

The transverse groove 16' is formed in the inner or collar end of the form to receive a helical or other spring 17 whose ends are connected in the eyes 18 of the lugs 19 of the garment holding fingers 20, said lugs 19 being pivoted upon the lugs 21 of the plate 15 and extending inwardly into the groove 16' of the form between the ends of said groove and the ends of the plate 15. Upon the inner face of this plate 15 is secured a plate 22 having upper and lower fingers 23 and 24 which are inclined so that they may overlap one of the intermediate coils of the spring 17 and thereby equalize the tension of said spring at its ends. The lugs 19 of the garment holding members 20 being pivoted by means of the pivots 23' and said spring 17 being connected to the inner ends of said lugs 19, there is a normal tendency of the garment holding members 20 to embrace the form 3 or the garment thereupon against the action of the spring controlled latch 23².

The clamping bracket 2 has a depending sleeve 24' screw threaded interiorly and exteriorly, as shown, the interior threads having working fit with the threads of the clamping screw 25 and the exterior threads of the sleeve having working fit with the threads of the sleeve 26. This sleeve 26 is reduced at its upper end to provide an annular shoulder 27, for the reception of the perforation 28 at the inner end of the arm pit engaging member 4, and in order that the arm pit engaging member 4 may be firmly secured upon the adjusting sleeve 26, I provide a ring 29 formed for screw threaded engagement with the screw threaded reduced upper end of the adjusting sleeve 26. To hold the arm pit engaging member 4

in alinement with the presser form 3, I provide the former with a perforation 30 adapted to embrace the guide 31 depending from the rearward extension 32 of the clamping bracket 2.

In the use of my invention it is secured upon the ordinary "presser" or "bosom" board 1 by slipping the clamping bracket 2 over one end thereof. The operating screw 25 is then manipulated to engage the under face of the portion of the "bosom" or "presser" board which supports the device. In this way the device is firmly secured against accidental dislodgment, and when it is desired to increase or decrease the stretching of the garment between the form and arm pit member 4, it is simply necessary to rotate the adjusting sleeve 26 upon the stem 24' of the clamping bracket 2, the arm pit member 4 being guided by the guide pin 31 during manipulation of the adjusting sleeve 26.

Reference to the drawings will disclose that the shoulder end of the form is provided with a rounded extension which slopes sharply from the outer end of the shoulder portion of the form, resulting in the formation along the top edge of the form of a comparatively sharp ridge *a* which is designed to effect a crease and give a French or military effect to the shoulder of the garment.

What is claimed:—

1. A device of the character described comprising a form, a clamping bracket upon which the form is mounted, said bracket having a depending stem and a guide, an arm pit holding member, an adjusting sleeve operating upon said stem and carrying the arm pit holding member, the latter having an opening intermediate its ends for co-operation with the aforesaid guide.

2. A shoulder pressing device comprising a form, a clamping bracket upon which the form is pivoted, said bracket having a depending stem and guide, an arm-pit holding member having an opening intermediate its ends for coöperation with said guide, and an adjusting sleeve operating upon said stem to shift the latter toward and away from the form.

3. A shoulder pressing device comprising a form, a clamping bracket upon which the form is pivoted, said bracket having a depending stem and guide, an arm-pit holding member having an opening intermediate its ends for coöperation with said guide, an adjusting sleeve operating upon said stem to shift the latter toward and away from the form, and a spring having engagement with the form and the bracket to hold the latter normally in its normal position.

4. A shoulder pressing device comprising

a bracket, a form pivotally mounted upon the bracket, means whereby the form may be moved step by step upon its pivot, a spring between the form and bracket to hold the form normally in its initial position, the bracket having a stem and a guide, an arm-pit engaging member slidable upon the guide, and an adjusting sleeve mounted upon said stem to move the arm-pit engaging member toward and away from the form.

5. A shoulder pressing device comprising a bracket provided with an extension having a depending element forming a guide, a form pivotally mounted upon said bracket, an arm pit holding member, said member having an opening to embrace said guide, and means for adjusting the arm pit member vertically toward and away from the form.

6. A shoulder pressing device comprising a clamping bracket provided with an extension having a depending element forming a guide, a form pivotally mounted upon the bracket, means for holding the garment upon the form, an arm pit holding member arranged for coöperation with the form and provided with an opening to embrace said guide, and means controlled and arranged to adjust the arm pit holding member vertically and bodily toward and away from the form.

7. A presser form comprising a block terminating at one end in a collar ironing surface and terminating at its opposite end in a shoulder ironing surface, the top of the block between said surfaces being concaved and the shoulder end having a convex extension, the shoulder end proper at the top merging into said convex extension abruptly to provide a substantially sharp edge to crease the garment at the shoulder to give the garment a military effect when pressed on the form.

8. In a device of the character described, a form, a clamping bracket upon which the form is pivotally mounted, said bracket having a depending stem and a guide, an arm-pit engaging member, an adjusting sleeve operating upon said stem and carrying the arm-pit holding member, the latter having an opening intermediate its ends for co-operation with the aforesaid guide, and a spring connection between the form and the bracket.

9. In a device of the character described, a form, a clamping bracket upon which the form is pivotally mounted, said bracket having a depending stem and a guide, an arm-pit engaging member, an adjusting sleeve operating upon said stem and carrying the arm-pit holding member, the latter having an opening intermediate its ends for co-operation with the aforesaid guide, a spring

connection between the form and the bracket, and spring controlled fingers carried by the form for engagement upon opposite sides thereof to hold the garment upon the bracket.

- 5 10. In a shoulder pressing device, a pivoted form, means coöperating with the form to stretch the shoulder portion of the garment when the form is moved in one direction upon its pivot, and a pair of fingers

carried by the form at one end thereof to en- 10
gage the garment and hold the latter in place during the stretching operation.

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

JACOB M. STEIN.

Witnesses:

G. N. HUTCHISON, Jr.,

JAY B. SMITH.