

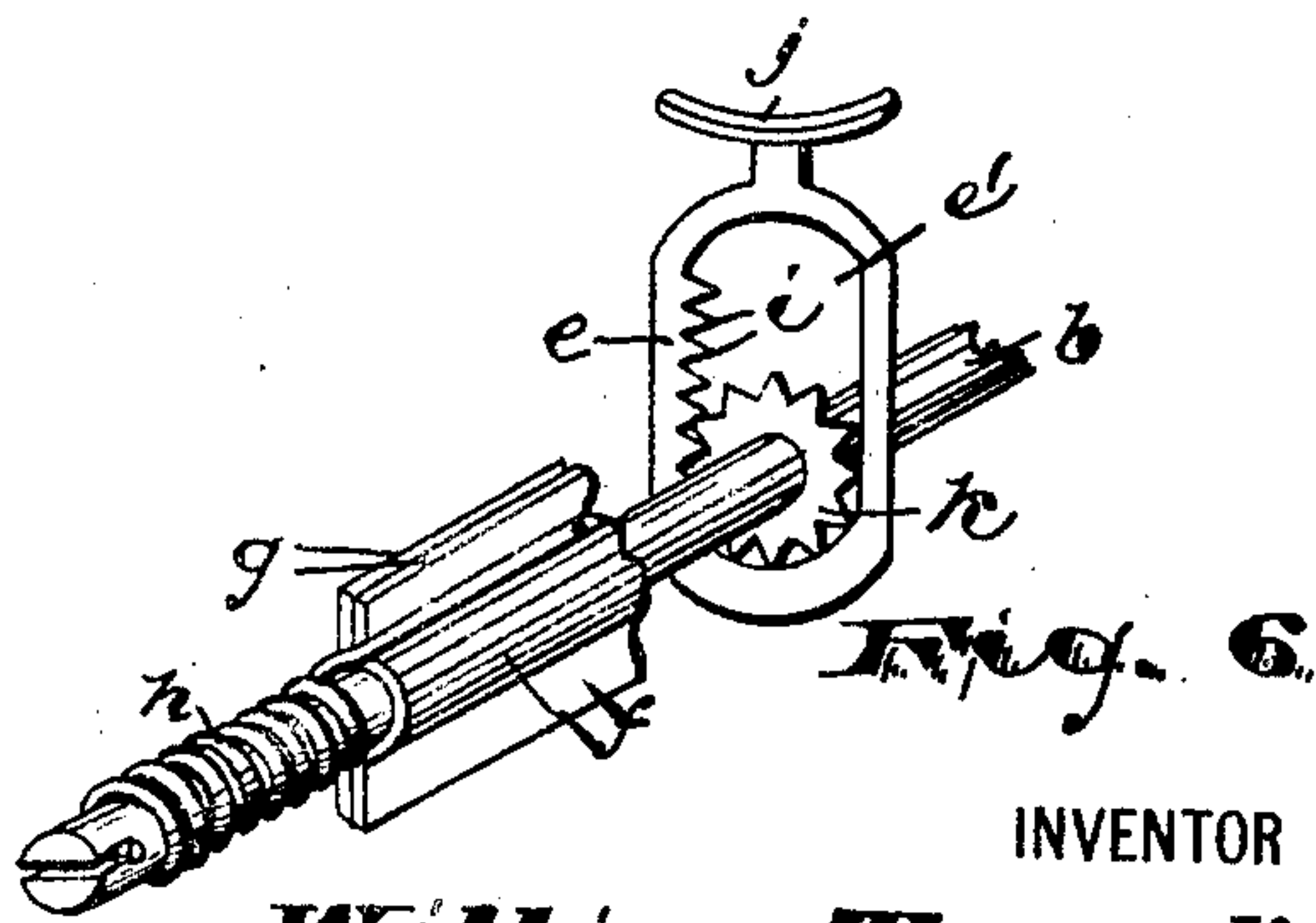
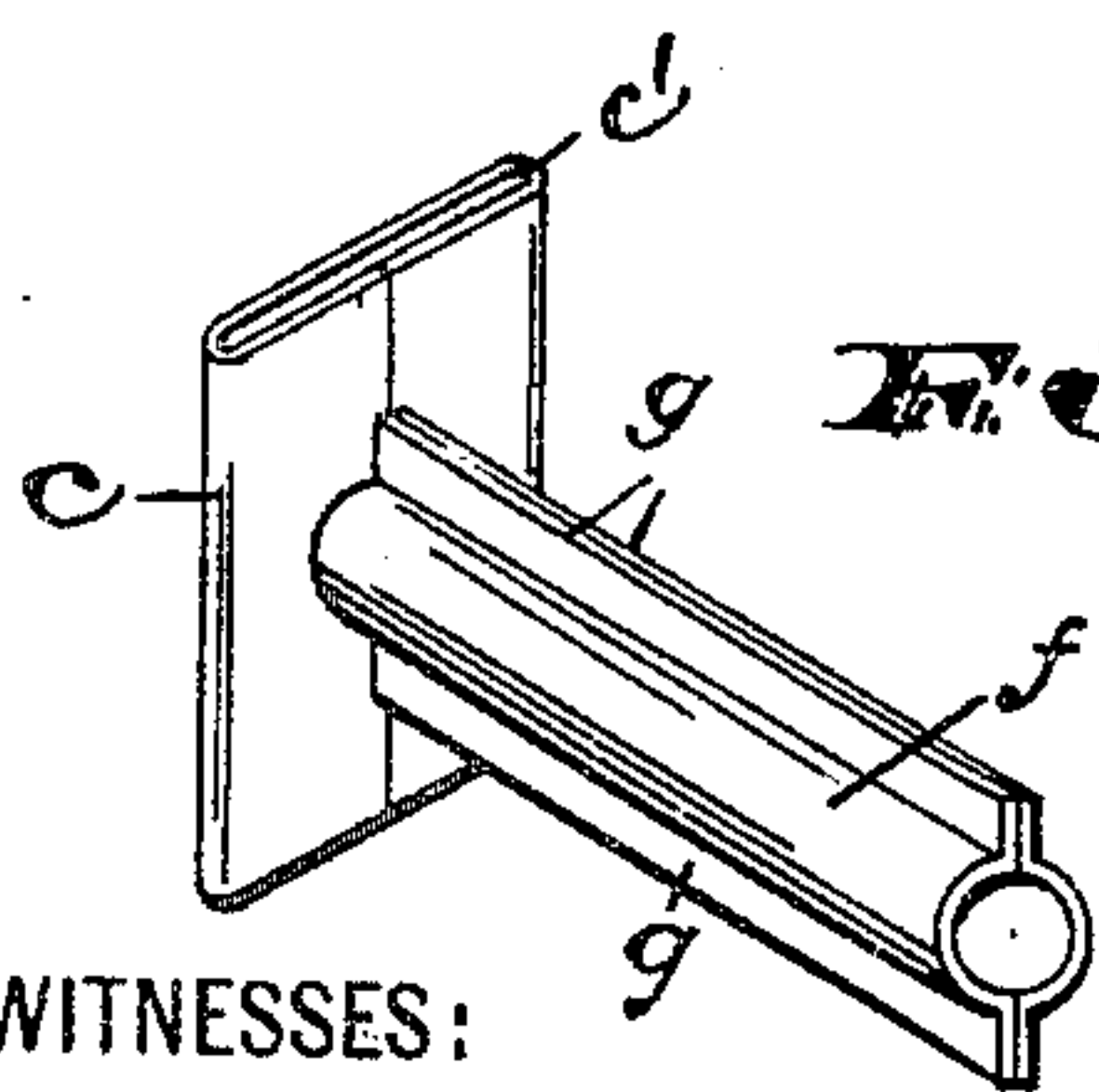
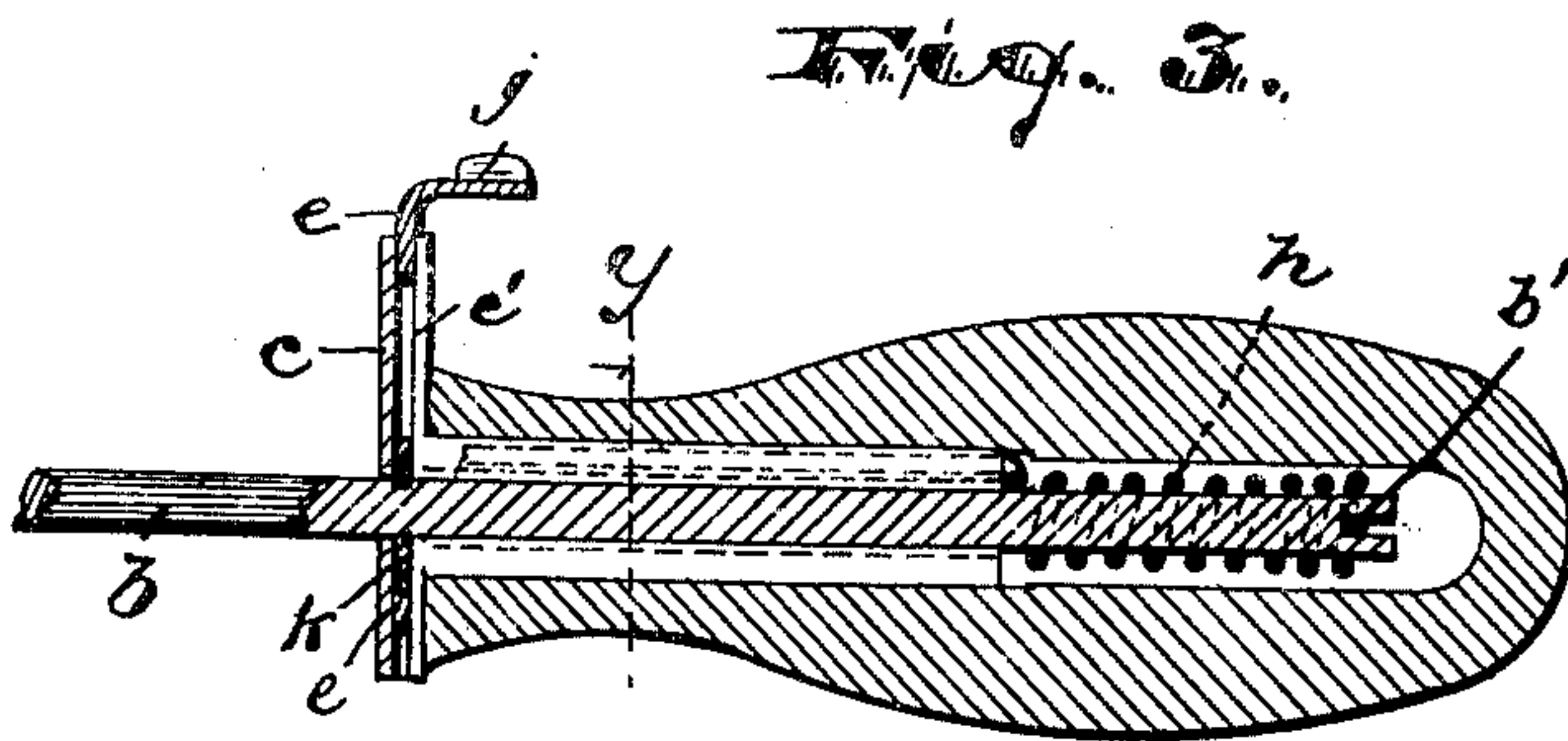
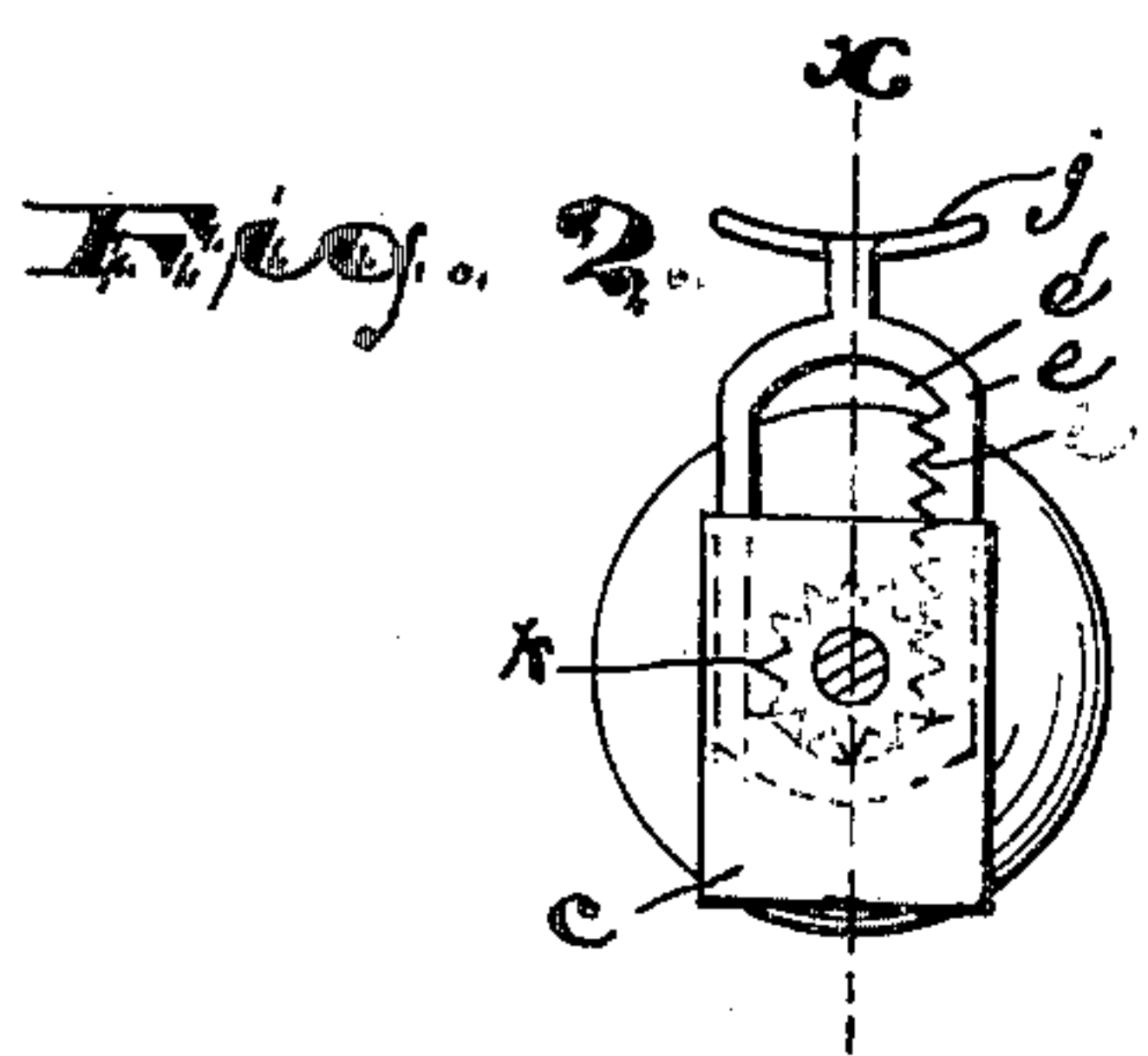
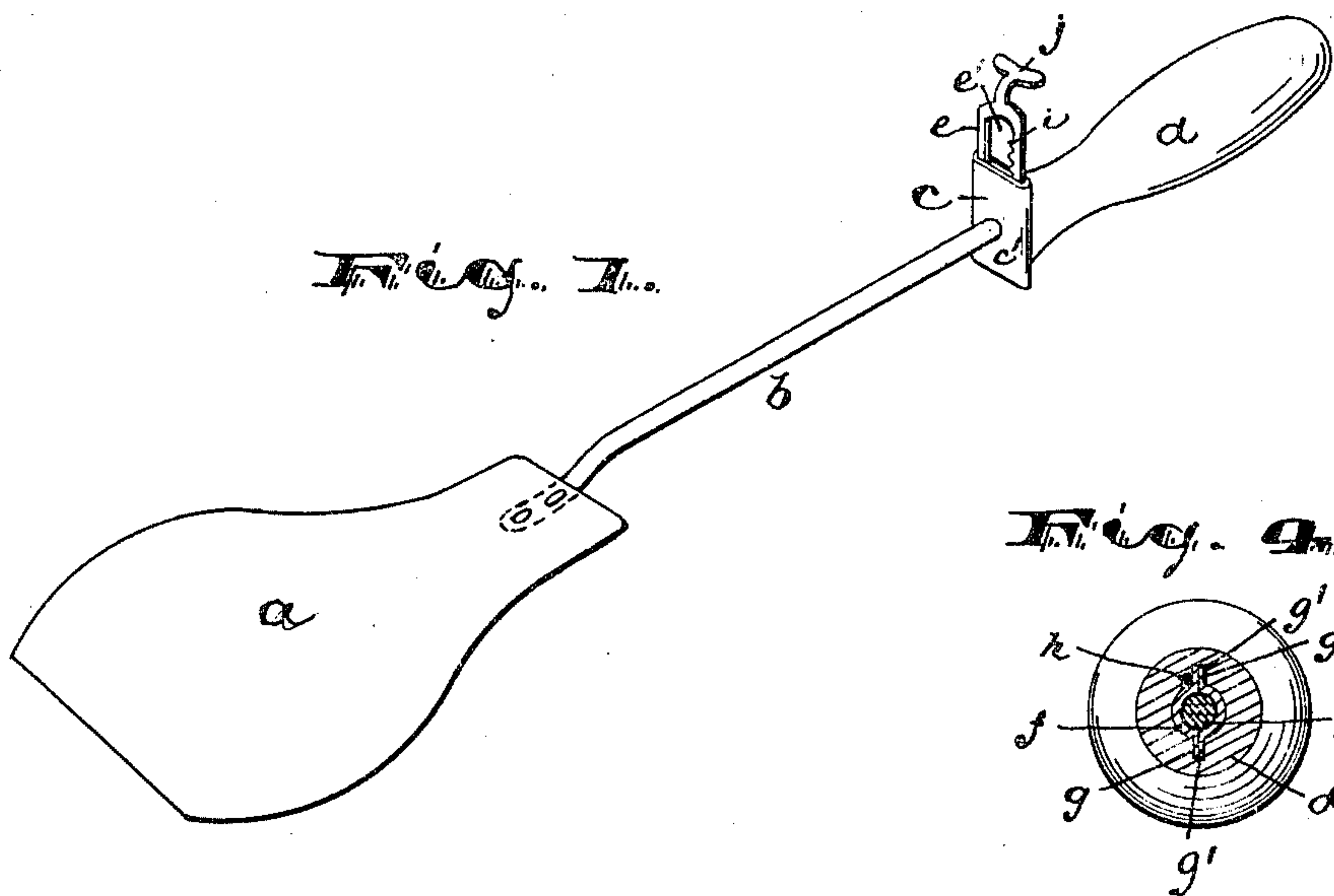
No. 681,662.

Patented Aug. 27, 1901.

W. TOMASKOFF.
PANCAKE TURNER.

(Application filed Apr. 11, 1901.)

(No Model.)



WITNESSES:

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UNITED STATES PATENT OFFICE.

WILLIAM TOMASKOFF, OF NEWARK, NEW JERSEY, ASSIGNOR TO PETER LOWENTRAUT, OF SAME PLACE.

PANCAKE-TURNER.

SPECIFICATION forming part of Letters Patent No. 681,662, dated August 27, 1901.

Application filed April 11, 1901. Serial No. 55,277. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM TOMASKOFF, a citizen of the United States, residing at Newark, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Pancake-Turners; 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, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

The objects of this invention are to provide a pancake-turner that will operate in turning the pan or griddle cakes with greater facility and ease and with less exertion of power, to reduce the cost of construction, to obtain an effective device which will be simple and convenient, and to secure other advantages and results, some of which may be referred to hereinafter in connection with the description of the working parts.

The invention consists in the improved pancake-turner and in the arrangements and combinations of parts of the same, all substantially as will be hereinafter set forth and finally embraced in the clauses of the claim.

Referring to the accompanying drawings, in which like letters of reference indicate corresponding parts in each of the several views, Figure 1 is a perspective view of the improved pancake-turner. Fig. 2 is an end view of the handle thereof, the shank of the turner being in cross-section. Fig. 3 is a section taken on line *x* of Fig. 2. Fig. 4 is a section taken at line *y* of Fig. 3. Fig. 5 is a detail perspective view of a case applicable to or forming a part of the handle and adapted to provide bearings for the operating parts, and Fig. 6 is a perspective view showing the relation of the working parts of one another more clearly.

In said drawings, *a* indicates the shovel, and *b* the shank, of a pancake-turner, said shank being adapted to turn or rotate within a casing *c*, applied to the body of the handle *d*. The said case *c* comprises a piece of sheet metal, which is bent double to form a slideway perpendicular to the shank *b* for the rack

e to slide in. At points near the shank the said sheet metal of the casing is again bent, and the ends of said sheet metal extend parallel with said shank, the said parallel end extensions lying side by side together and at their longitudinal center lines being outwardly bent to form a case socket or box *f*, in which the shank *b* may lie and have its rotary movements. At the upper and lower sides of the said box the said end parts of the said casing *c* provide flanges *g*, which are adapted to enter suitable slots *g'*, Fig. 4, within the handle, so that the said case may be firmly held by friction in the body of the said handle and is prevented from turning therein independent of said body when the griddle-cakes are being prepared. The said handle-body is properly bored or cored out and grooved to receive the said case, the chamber therein being of sufficient size to receive a spring *h*, Fig. 3, the said spring preferably being a spiral and being held at one end to the shank *b*, as at *b'*, and at the opposite end secured in one of the grooves *g'* to the handle or to the case *c* thereof. The said spring *h* is adjusted to hold the shovel *a* in a proper normal position.

The sliding rack *e* consists of a piece of sheet metal properly struck up so as to fit within the slideway *c'* and to move therein positively, but freely, in a direction at right angles to the longitudinal axis of the shank, said rack being centrally open, as at *e'*, and in the opening provided with teeth *i*, adapted to engage a pinion or star-wheel *k*, secured upon said shank in the plane of the slideway and rack. Said pinion or wheel is also arranged in said central opening, and thus is protected from interference. At one end of the said rack the same is provided with a thumb-piece or extension *j*, arranged and shaped to receive the pressure of the thumb when the hand of the operator grasps the handle *d*, the said parts being so arranged that when the said operator after having shoveled up the pancake presses upon the thumb-piece he causes the shank, and with it the shovel, to rotate quickly on its longitudinal axis, and thus throws the pancake over with great quickness and with less exertion than by the means commonly employed.

After thus throwing over the pancake, by releasing the rack of pressure the spring *h* acts to return the shovel to a normal position and raises the rack, so that when needed the
5 thumb may once more press the same down and again turn the shovel.

Having thus described the invention, what I claim as new is—

1. The combination with the shovel, shank
10 and hollow handle, the latter provided with a suitable case, having a box-like extension lying within said hollow handle and the shank being provided with a pinion or wheel, of a
15 sliding rack engaging said pinion and adapted to move in a direction at right angles to the longitudinal axis of the shank and cause said shovel and shank to rotate, and a spring
20 arranged within the hollow handle and attached to the shank and adapted to return the shovel to a proper normal position, substantially as set forth.

2. The combination with the hollow handle having at one end a perpendicular way and a rack adapted to slide in said way, and hav-
25 ing a box for the shank within said handle, and a spring in said handle, of a shank having the shovel at one end and, at the other, extending through the slideway, where it is provided with a pinion in engagement with
30 said rack, and through the said box, and within said handle being attached to said spring, substantially as set forth.

3. The combination with the hollow handle

having at one end a casing providing a perpendicular slideway, and a shank-box, the
35 latter being entered within said hollow handle, of a sliding rack, a shank having a shovel and pinion, and a spring arranged within the handle and attached to the said shank, substantially as set forth. 40

4. The combination with the shovel, shank having a pinion thereon and a chambered handle, of a casing *c*, comprising a piece of sheet metal bent double to form a perpendicular slideway, and the ends of which are
45 again bent to lie parallel one with the other, said parallel ends forming a box for the shank and lying within the hollow handle, a spring and a rack arranged in the slideway and engaging said pinion, substantially as set forth. 50

5. The combination with the hollow handle and shank having a pinion, of a rack to engage said pinion and a spring to turn said shank, of a casing bent double to form a way
55 for the shank and at its opposite ends bent together and forming a box for the shank, said ends being arranged within said hollow handle, substantially as set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 1st day of 60 April, 1901.

WILLIAM TOMASKOFF.

Witnesses:

CHARLES H. PELL,
E. J. SCHMIDT.