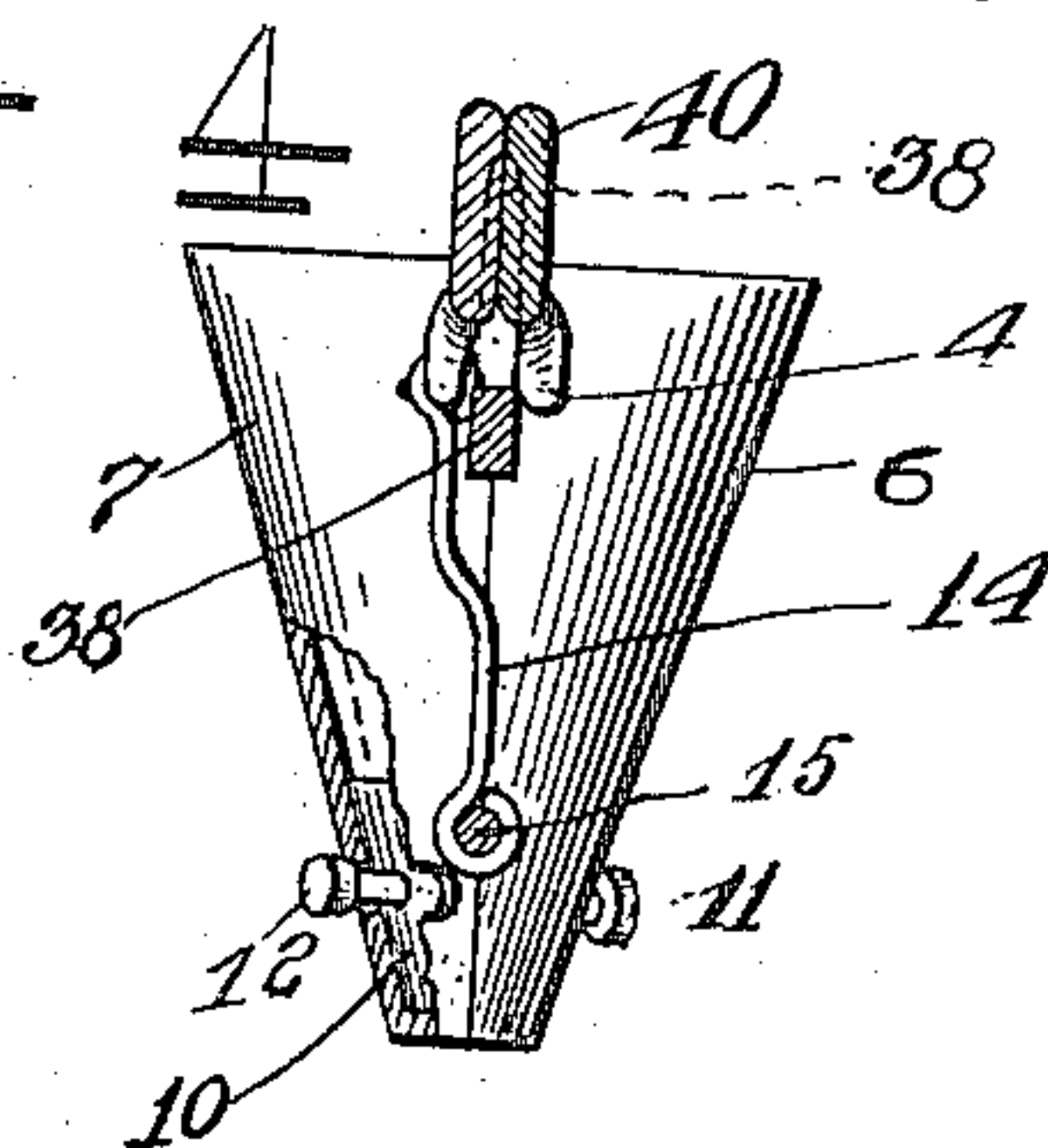
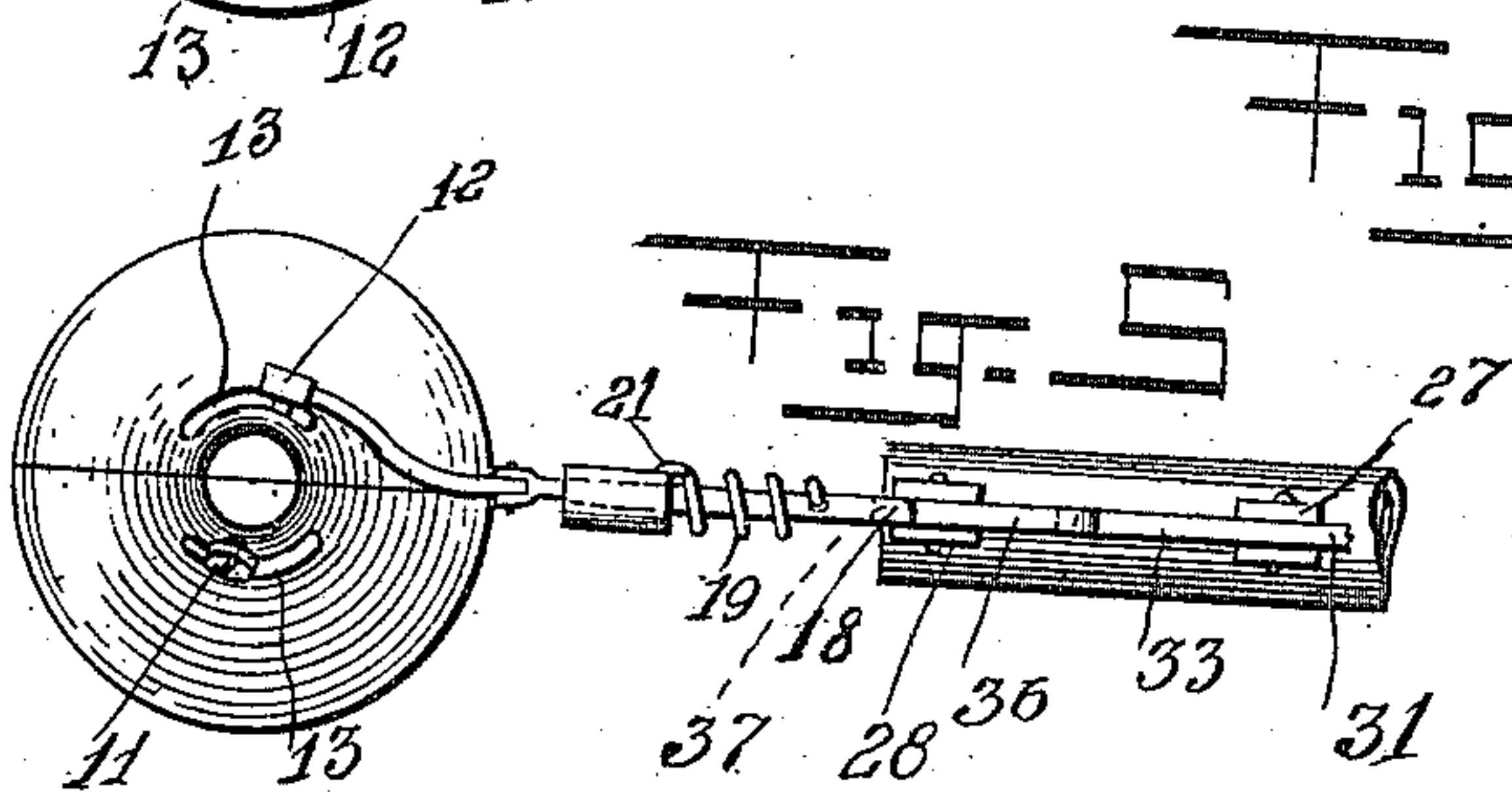
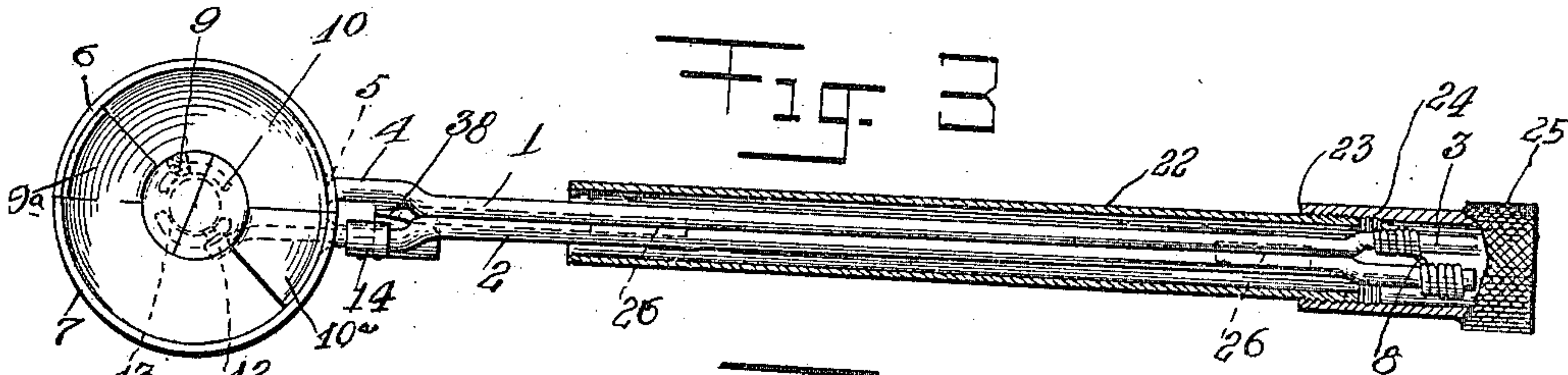
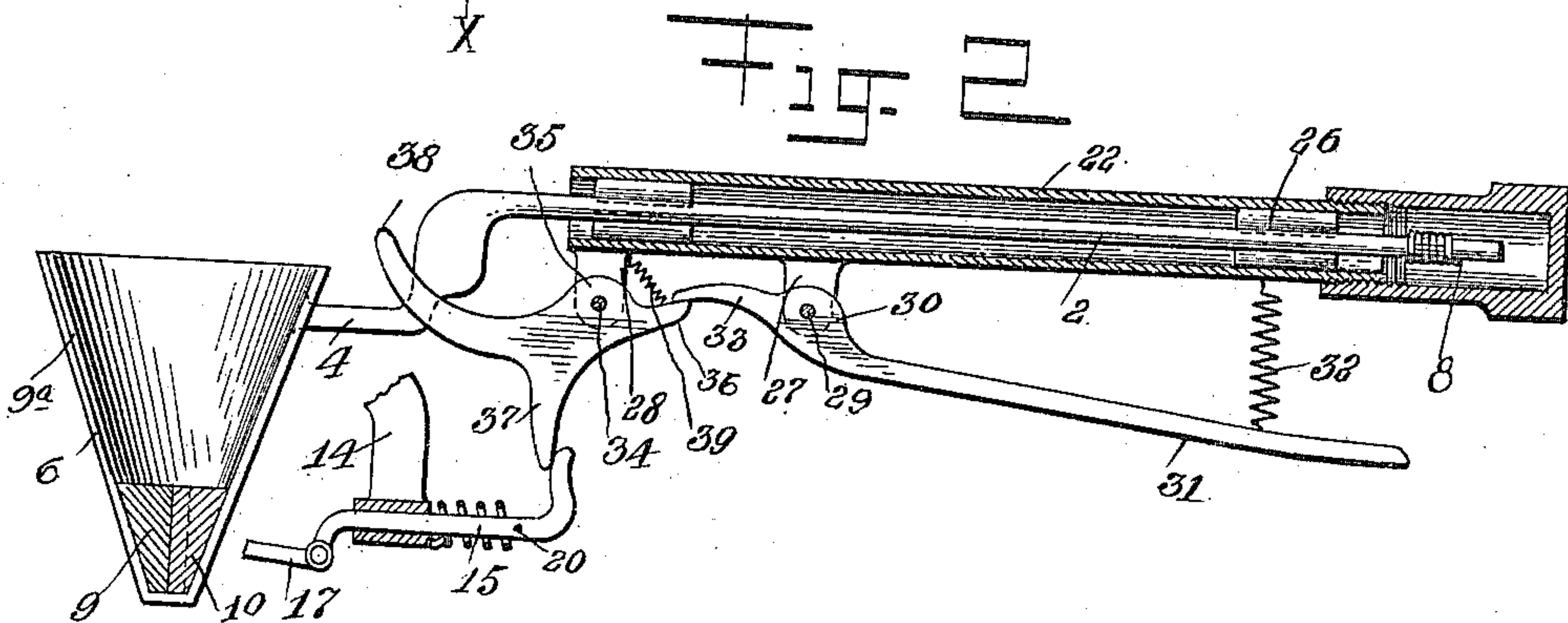
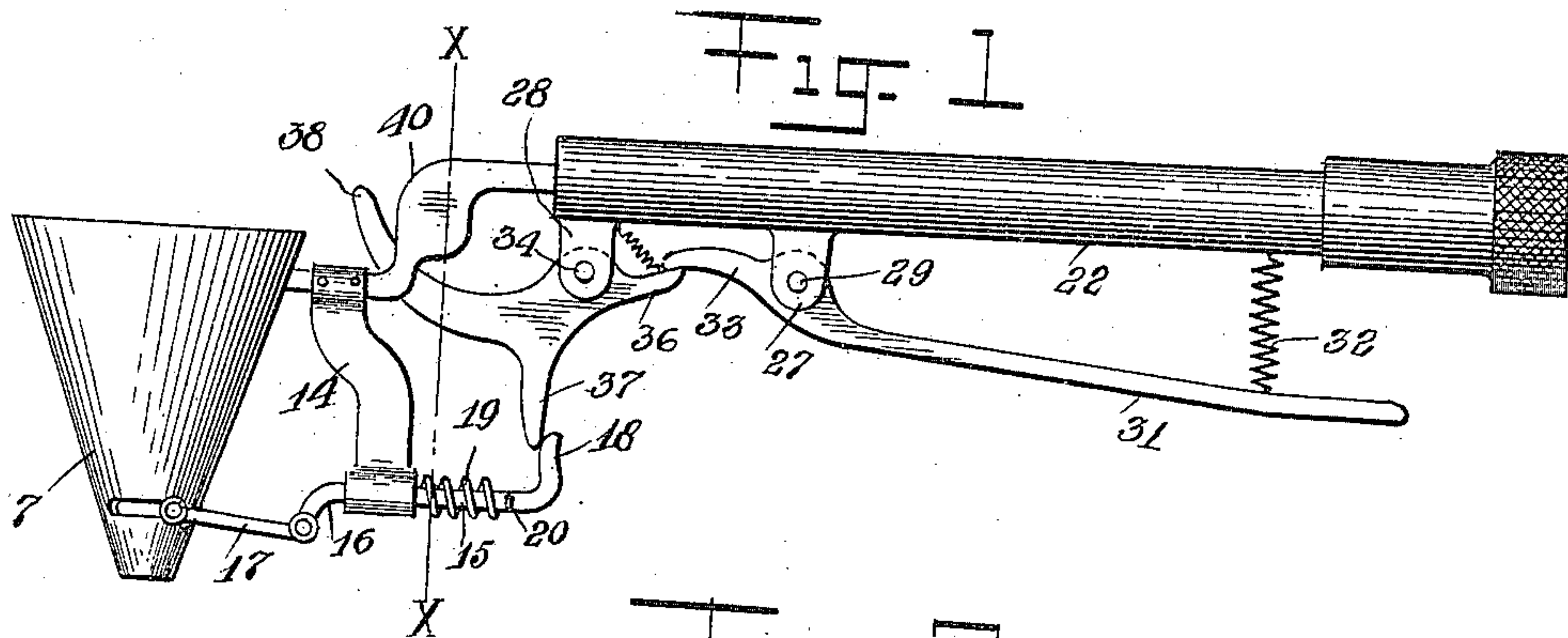


E. A. ERICKSON.  
 ICE CREAM DISHER.  
 APPLICATION FILED FEB. 24, 1910.  
 964,225.  
 Patented July 12, 1910.



WITNESSES  
*Morris Lassin*  
*R. H. Butler*

INVENTOR  
 E. A. ERICKSON  
*St. C. Everett & Co.*  
 By  
*Attorneys*



# UNITED STATES PATENT OFFICE.

ERNEST A. ERICKSON, OF WILSON, PENNSYLVANIA.

ICE-CREAM DISHER.

964,225.

Specification of Letters Patent.

Patented July 12, 1910.

Application filed February 24, 1910. Serial No. 545,671.

*To all whom it may concern:*

Be it known that I, ERNEST A. ERICKSON, a citizen of the United States of America, residing at Wilson, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Ice-Cream Dishers, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to ice cream dishers, and the object of the invention is to provide a disher with two movable sections that can be separated to evenly release a cone of ice cream, this being accomplished in a manner hereinafter described whereby the sides or edges of the cone are not marred or disfigured.

With the above and such other objects in view as may hereinafter appear, the invention consists of the novel construction, combination and arrangement of parts to be hereinafter specifically described and then claimed.

Reference will now be had to the drawing forming a part of this specification, wherein there is illustrated a preferred embodiment of the invention, but it is to be understood that the structural elements thereof can be varied or changed, as to the size, shape and manner of assemblage without departing from the spirit and scope of the invention.

In the drawing:—Figure 1 is a side elevation of a disher constructed in accordance with my invention, Fig. 2 is a longitudinal sectional view of the same, Fig. 3 is a plan of a disher partly broken away and partly in section, Fig. 4 is a cross sectional view of a disher taken on the line X—X of Fig. 1, and Fig. 5 is a bottom plan of a portion of the disher.

In the accompanying drawing the reference numerals 1 and 2 denote two rods having off-set ends 3 and 4. Connected to the off-set ends 4 by rivets or other fastening means are the sections 5 and 6 of a frusto cone shaped dishing member, said sections being arranged whereby their confronting edges will be normally held together by the off-set ends 4 of the rods 1 and 2, and to positively retain said sections in a closed position during a dishing operation, a spring 8 is mounted upon the off-set ends 3 of the rods 1 and 2, said spring having one end thereof coiled around one of said rods and the opposite end thereof coiled around the other of said rods.

Movably mounted in the dishing member is a sectional frusto conical shaped releasing member comprising sections 9 and 10, and these sections are adapted to be normally held in engagement with each other and with the confronting faces thereof at an angle to the confronting edges of the sections 6 and 7, as best shown in Fig. 3. The sections 9 and 10 of the releasing member are movably held in the small end of the dishing member by screws 11 and 12 extending through segment-shaped slots 13 provided therefor in the sections 6 and 7, these screws being fixed in the members 9 and 10.

The peripheral upper edges of the sections 9 and 10 are provided with knives 9<sup>a</sup> and 10<sup>a</sup> respectively, these knives extending to the upper edges of the sections 6 and 7, with said knives curved and of a greater width at the upper end than at the lower end.

The forward off-set end 4 of the rod 2 is provided with a hanger 14 and slidably mounted in the lower end of said hanger is a plunger 15 having the forward end thereof bent downwardly, as at 16 and pivotally connected to the outer end of the screw 12 by a curved arm 17. The rear end of the plunger 15 is bent forwardly, as at 18 and encircling said plunger at the rear side of the hanger 14 is a retractile spring 19 having one end fixed to the plunger 15, as at 20, while the opposite end is attached to the lower end of the hanger 14, as at 21.

Inclosing the rods 1 and 2 is a tubular handle 22 having the rear end thereof exteriorly threaded, as at 23 to receive a cap 24, the rear end of said cap being enlarged and knurled, as at 25. In the tubular handle 22 are arranged oppositely disposed anti-friction rollers 26 adapted to facilitate a rotary movement of the rods 1 and 2 within the handle 22, these rollers being arranged adjacent to the ends of said handle.

The handle 22 is provided with two depending bearings 27 and 28, said bearings being arranged in longitudinal alinement at the forward end of the handle. Pivotally mounted in the bearing 27 by a pin 29 is a lever 30, the long arm of said lever serving functionally as a handle 31 and is attached to the handle 22 by a coiled compression spring 32, while the short arm 33 of said lever extends forwardly toward the bearing 28.

Pivotally mounted in the bearing 28 by



a pin 34 is an actuating member 35 having three prongs 36, 37 and 38. The prong 36 is connected to the bearing 28 by a coiled spring 39 and this prong is adapted to be normally engaged upon its upper edge by the short arm 33 of the lever 30. The prong 37 is adapted to normally engage the forward edge of the forwardly bent end 18 of the plunger 15, while the prong 38 is V-shaped in cross section, as best shown in Fig. 3 and is adapted to extend upwardly between the off-set ends 4 of the rods 1 and 2, these off-set ends being enlarged and flattened, as at 40 to provide a bearing surface for the prong 38.

Assuming that a quantity of ice cream has been dished and it is desired to deposit the same in a dish or suitable receptacle, the handle 31 of the lever 30 is moved toward the handle 22, this being accomplished by the same hand in which the handle 22 is held. When the handle 31 is pressed inwardly toward the handle 22, the short arm 33 engaging the prong 36 moves the actuating member 35. The prong 37 of said member gradually releases the plunger 15 and allows the coiled retractile spring 19 to move the plunger forward, and it is this movement of the plunger that partially rotates the sections 9 and 10 of the releasing member, whereby the confronting edges thereof will longitudinally aline with the confronting edges of the sections 6 and 7. A further movement of the actuating member 35 causes the prong 38 of said member to separate the forward ends of the rods 1 and 2, causing the rods to partially rotate within the handle 22. As the forward ends of the rods 1 and 2 are separated, the sections 6 and 7 of the dishing member are swung outwardly and the cream within the dishing member released. When the handle 31 of the lever 30 is released the various parts are immediately restored to their normal position. The releasing member comprising the sections 9 and 10 is adapted to free the packed and most solid end of the cream within the dishing member, whereby when the sections 6 and 7 are swung open, the cream will not adhere to said sections.

Having now described my invention what I claim as new, is:—

1. An ice cream disher comprising a tubu-

lar handle, rods movably mounted in said handle, a sectional dishing member adapted to have the sections thereof connected to the forward ends of said rods, a sectional releasing member movably mounted in said dishing member, and an actuating member carried by the forward end of said rod and adapted to move said releasing member in advance of the sections of said dishing member.

2. An ice cream disher comprising a tubular handle, rods movably mounted in said handle, a sectional dishing member adapted to have the sections thereof connected to the forward ends of said rods, a sectional releasing member movably arranged in said dishing member, a hanger carried by one of said rods, a spring held plunger carried by said hanger and adapted to move said releasing member, a pivoted actuating member carried by said handle and adapted to release said plunger, a prong carried by said actuating member and adapted to be swung upwardly between said rods to separate the sections of said dishing and releasing members, and means carried by said handle and adapted to actuate said actuating member.

3. An ice cream disher comprising a tubular handle, rods movably mounted in said handle, a sectional dishing member adapted to have the sections thereof connected to the forward ends of said rods, a sectional releasing member movably arranged in said dishing member, a hanger carried by one of said rods, a spring held plunger carried by said hanger and adapted to move said releasing member, a pivoted actuating member carried by said handle and adapted to release said plunger, a prong carried by said actuating member and adapted to be swung upwardly between said rods to separate the sections of said dishing and releasing members, means carried by said handle and adapted to actuate said actuating member, and means arranged within said handle and adapted to restore said rods to their normal position.

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

ERNEST A. ERICKSON.

Witnesses:

WM. B. GALLOWAY,  
R. W. GIBSON.