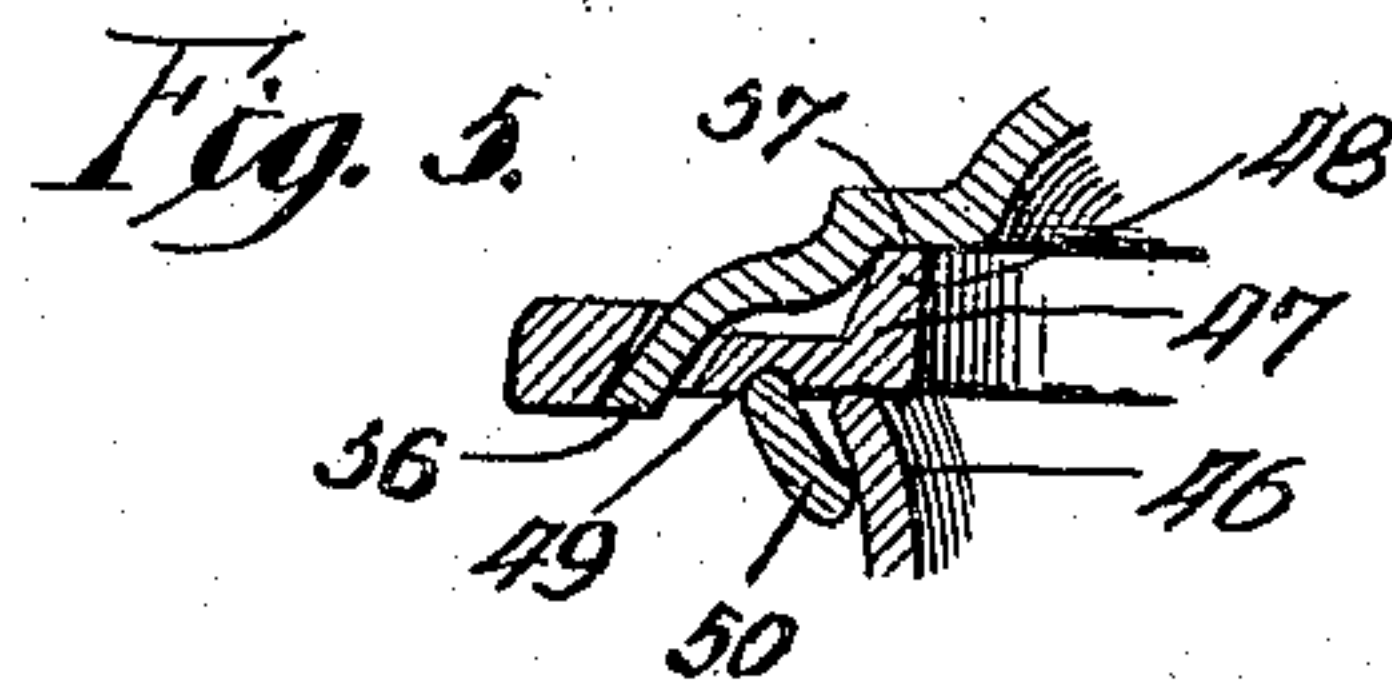
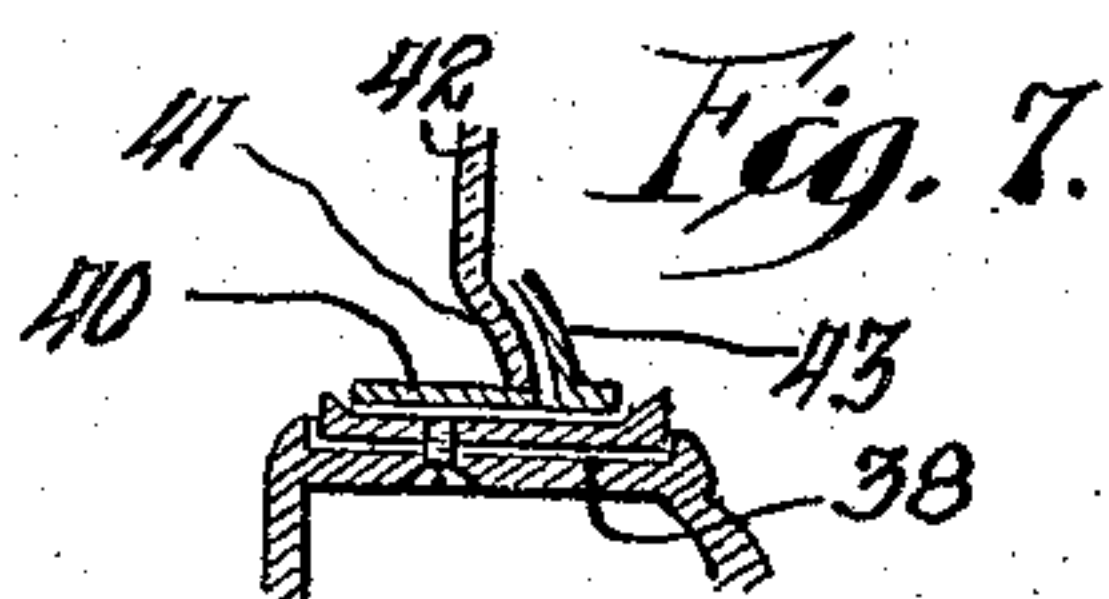
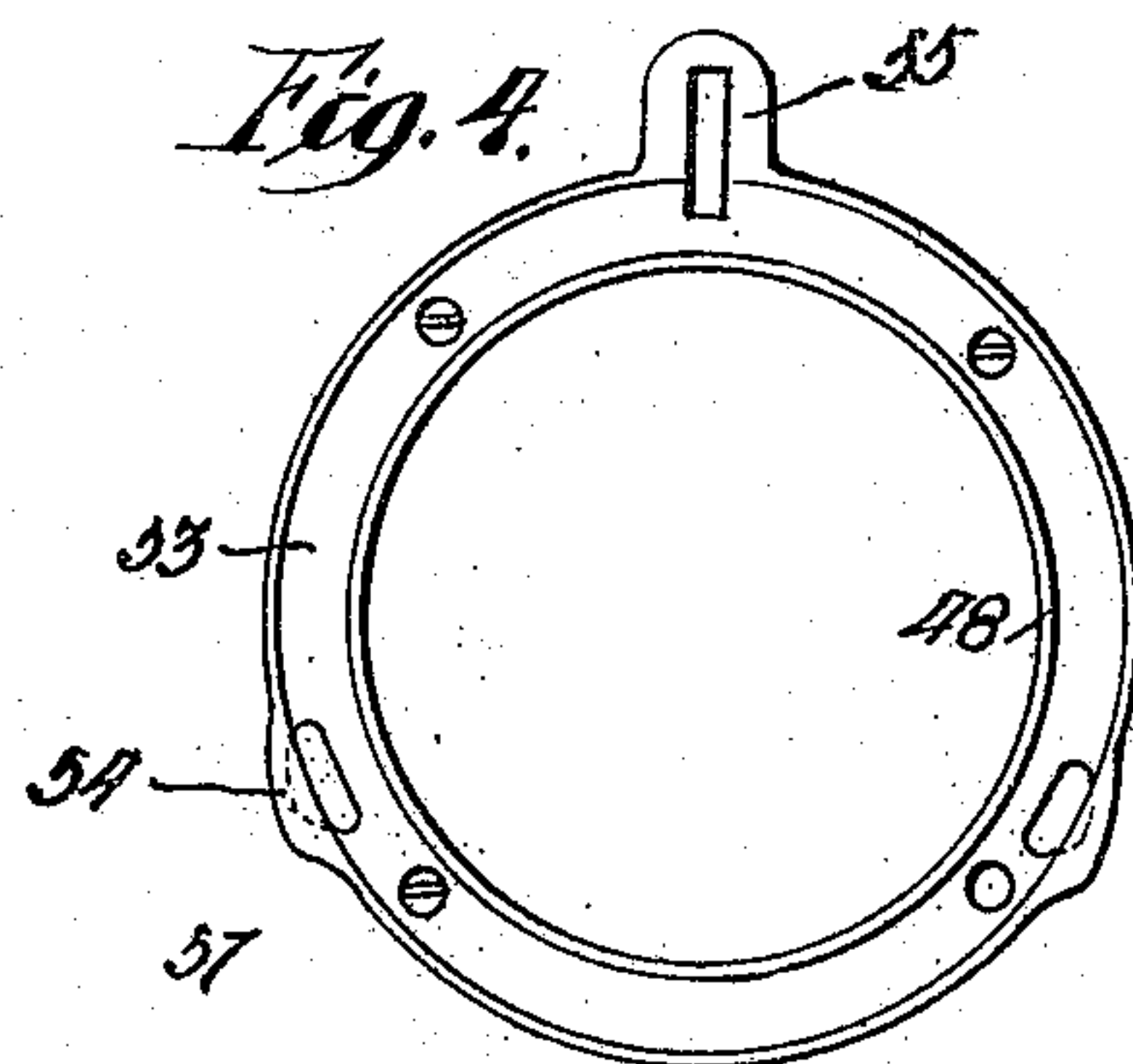
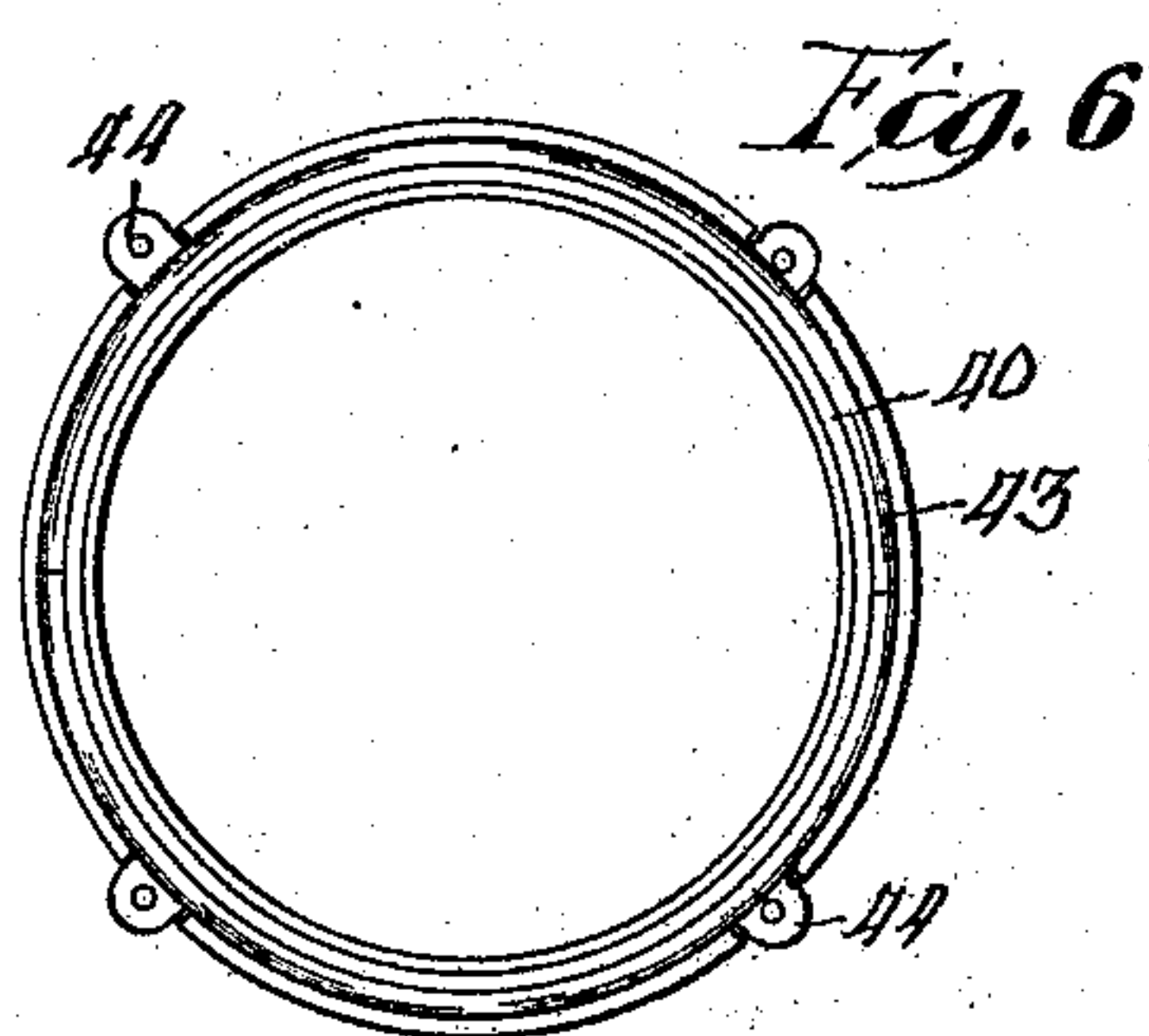
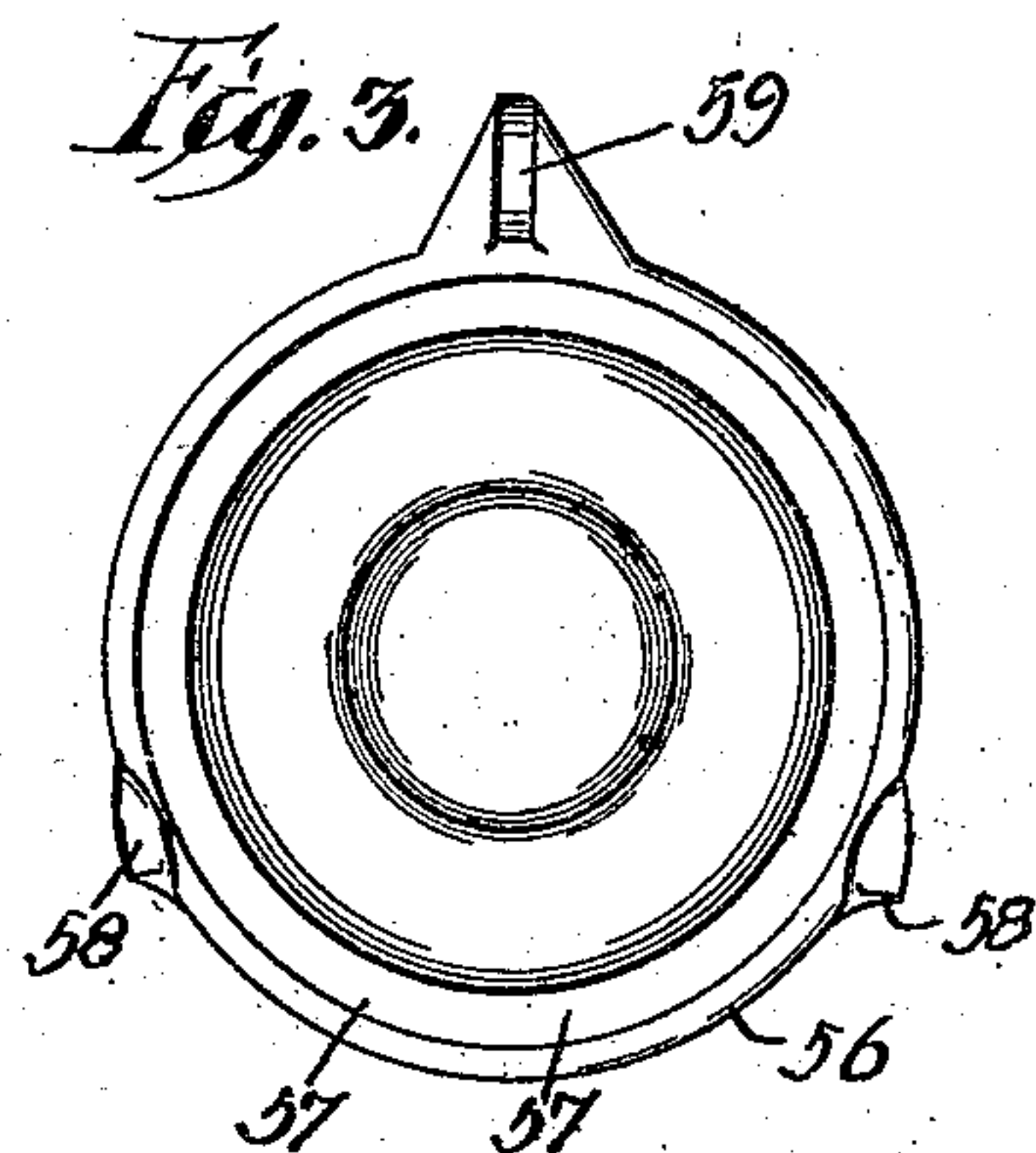
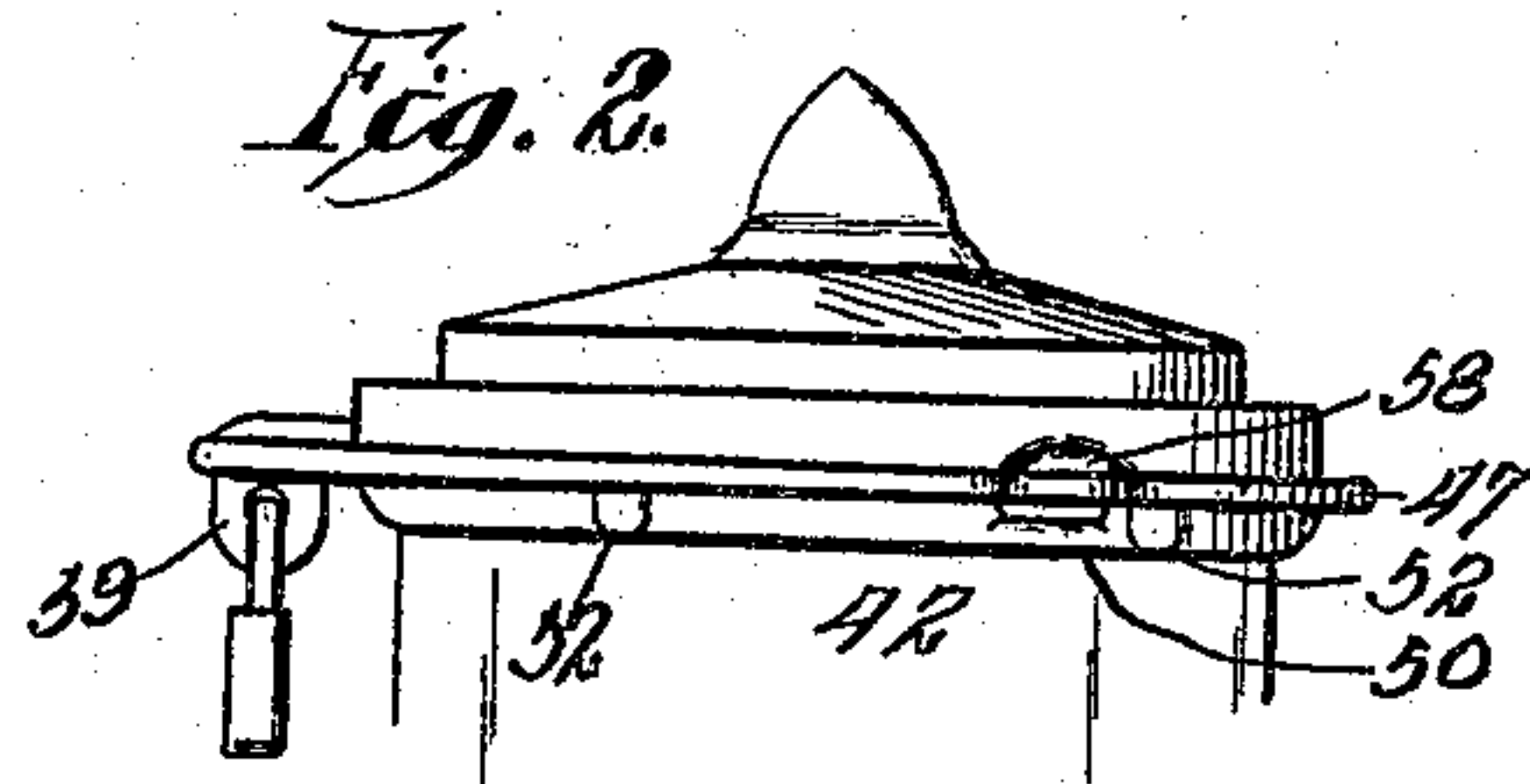
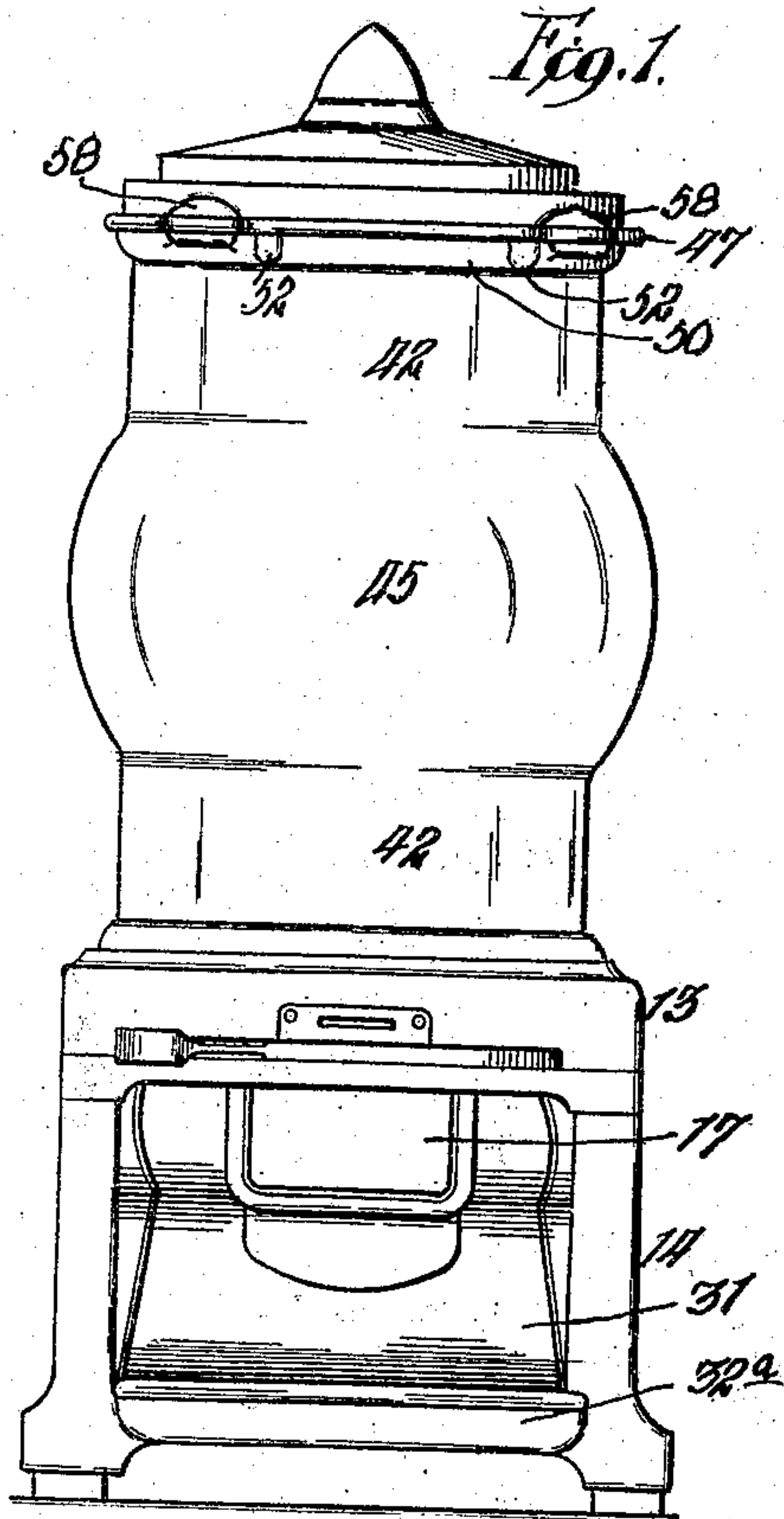


B. M. DAVIS.
CASING FOR VENDING MACHINES.
APPLICATION FILED NOV. 17, 1908.

930,331.

Patented Aug. 3, 1909.

2 SHEETS—SHEET 1.



Witnesses:

W. V. Bond

Parson W. Banning.

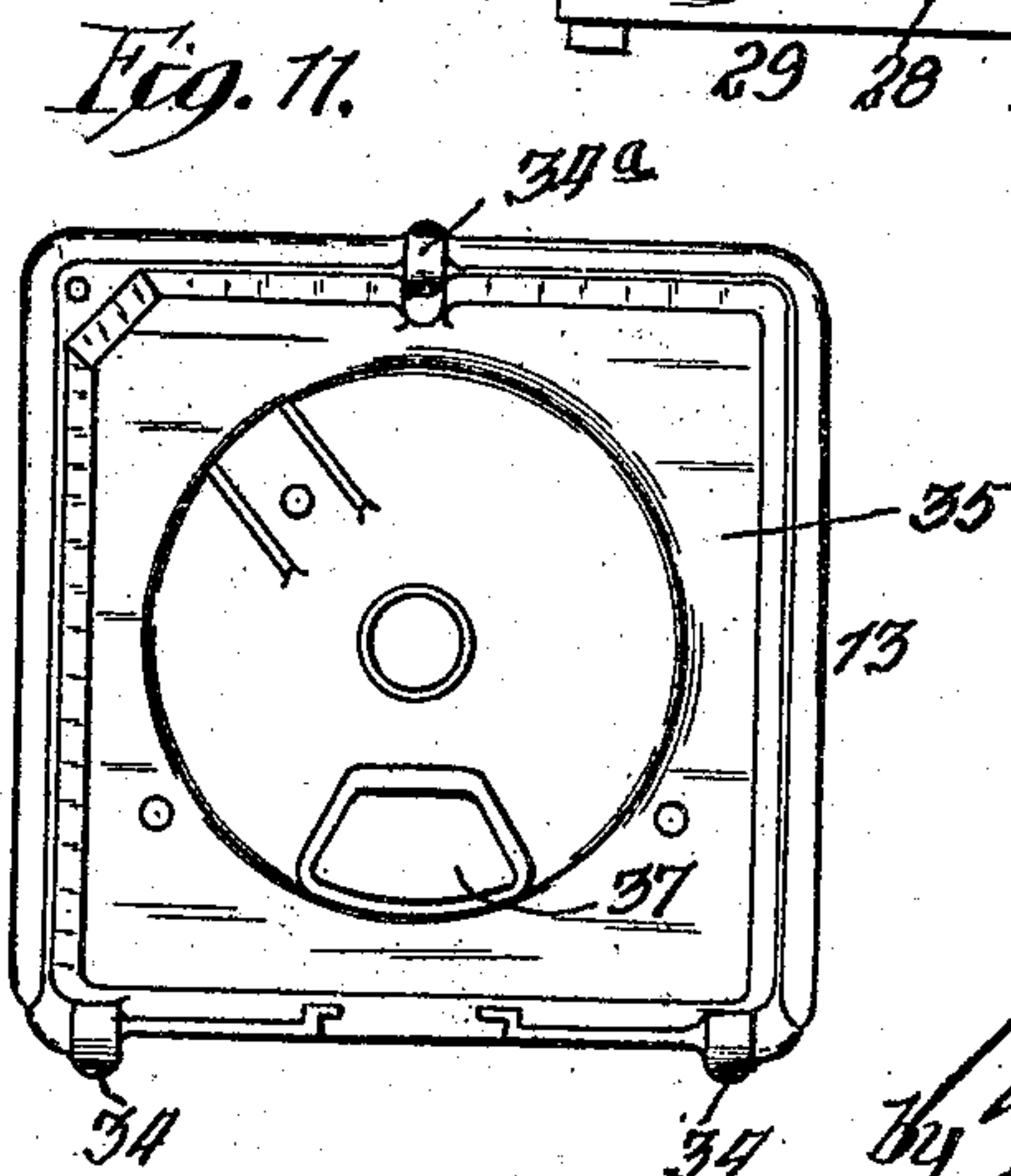
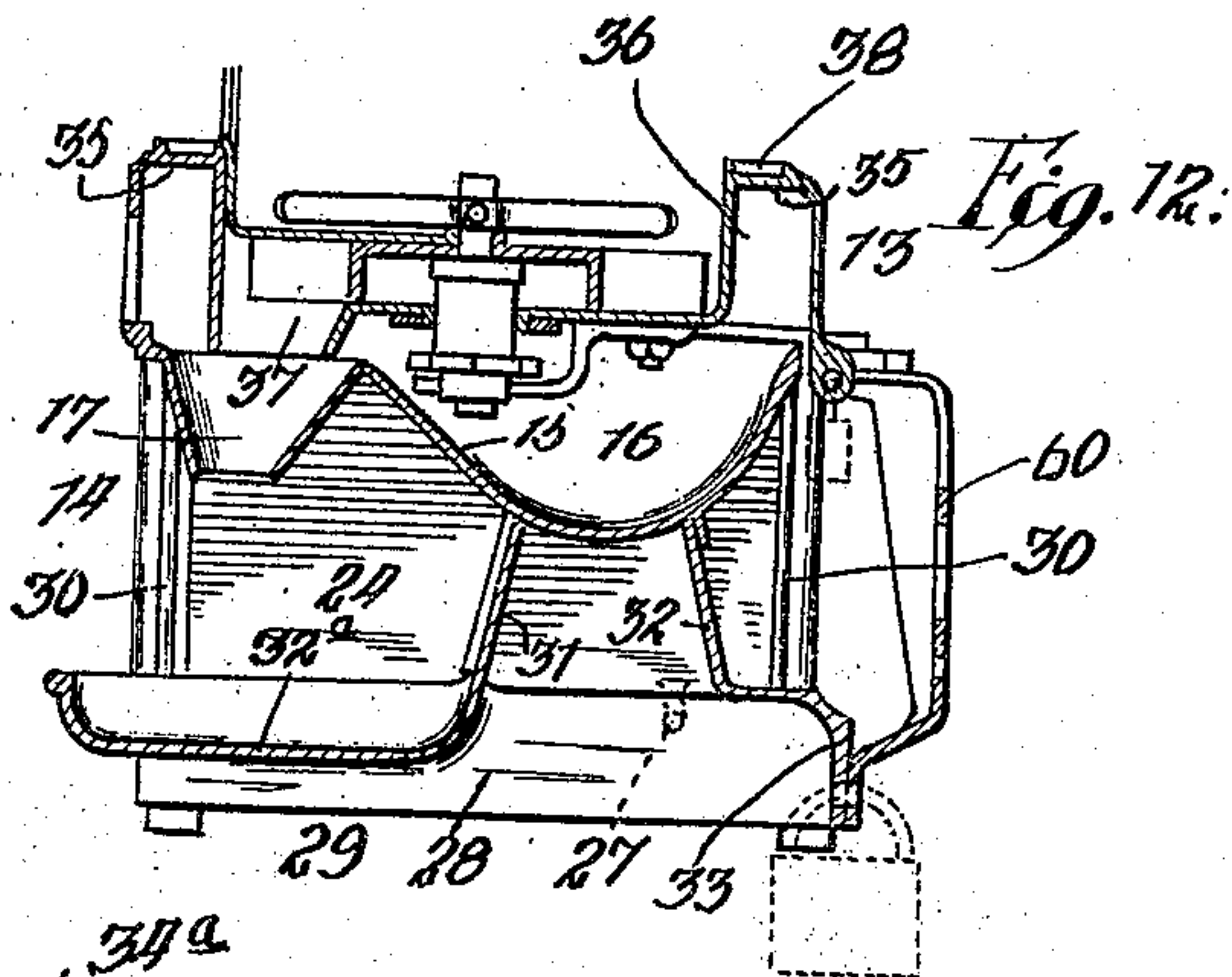
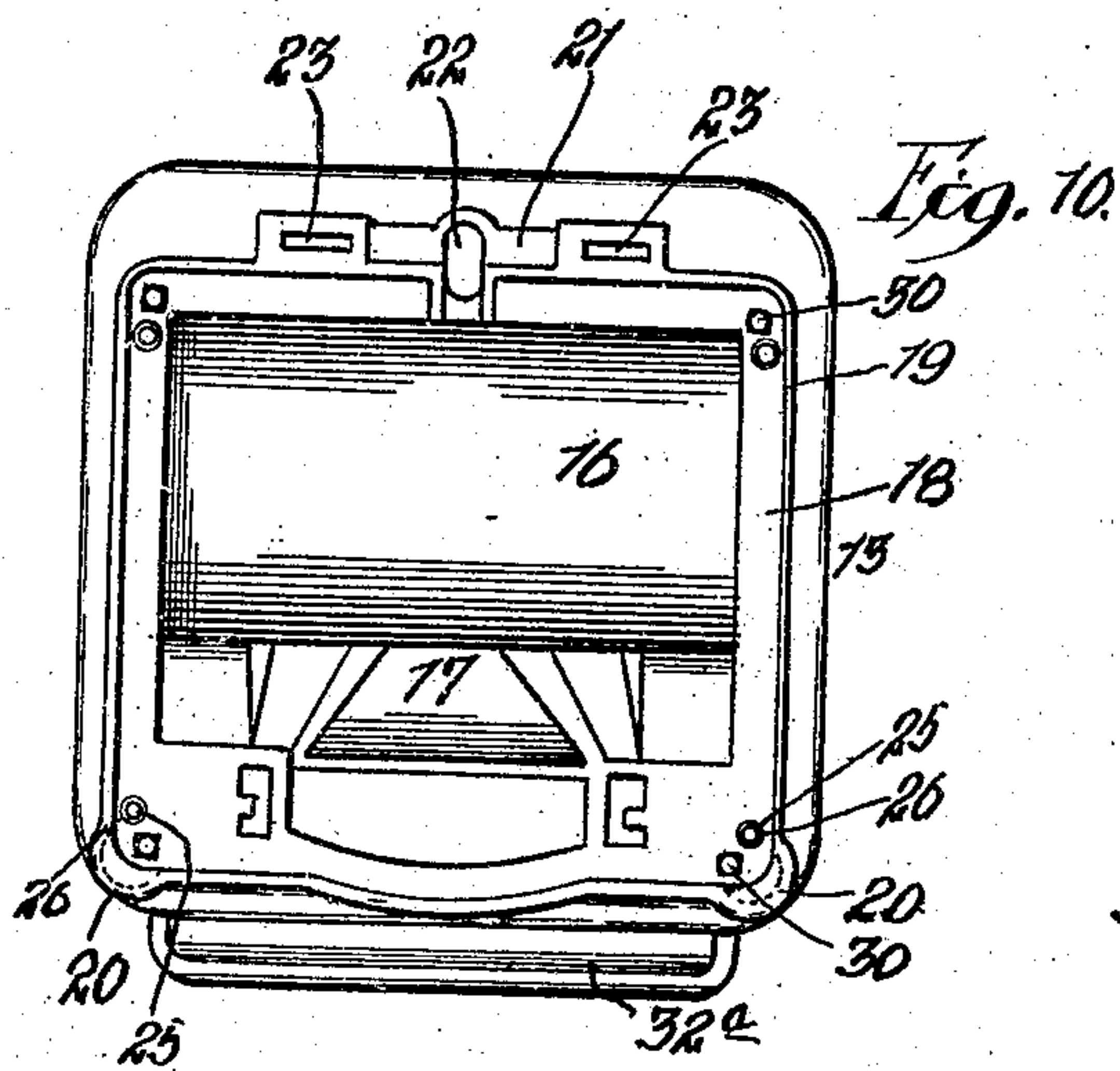
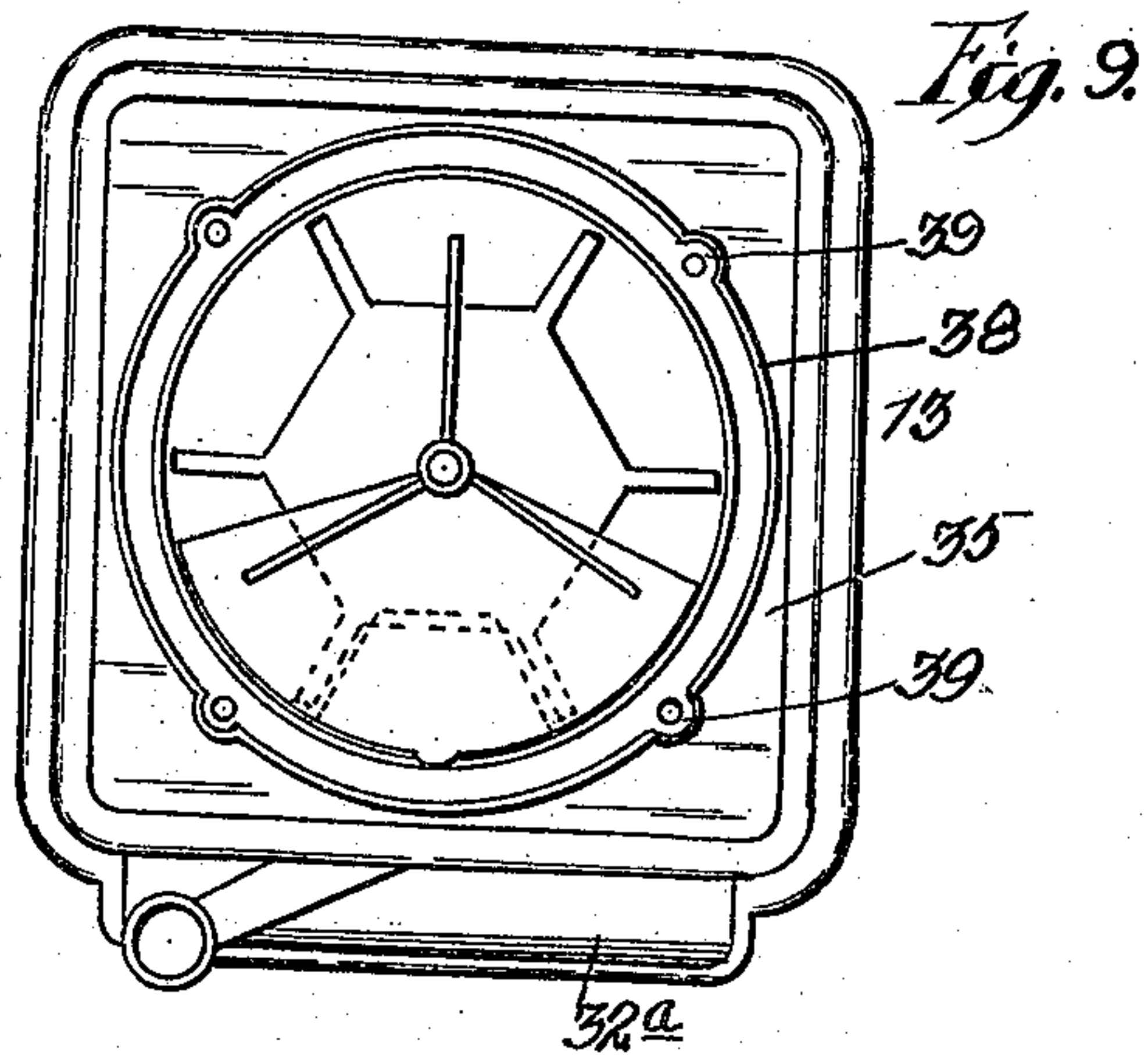
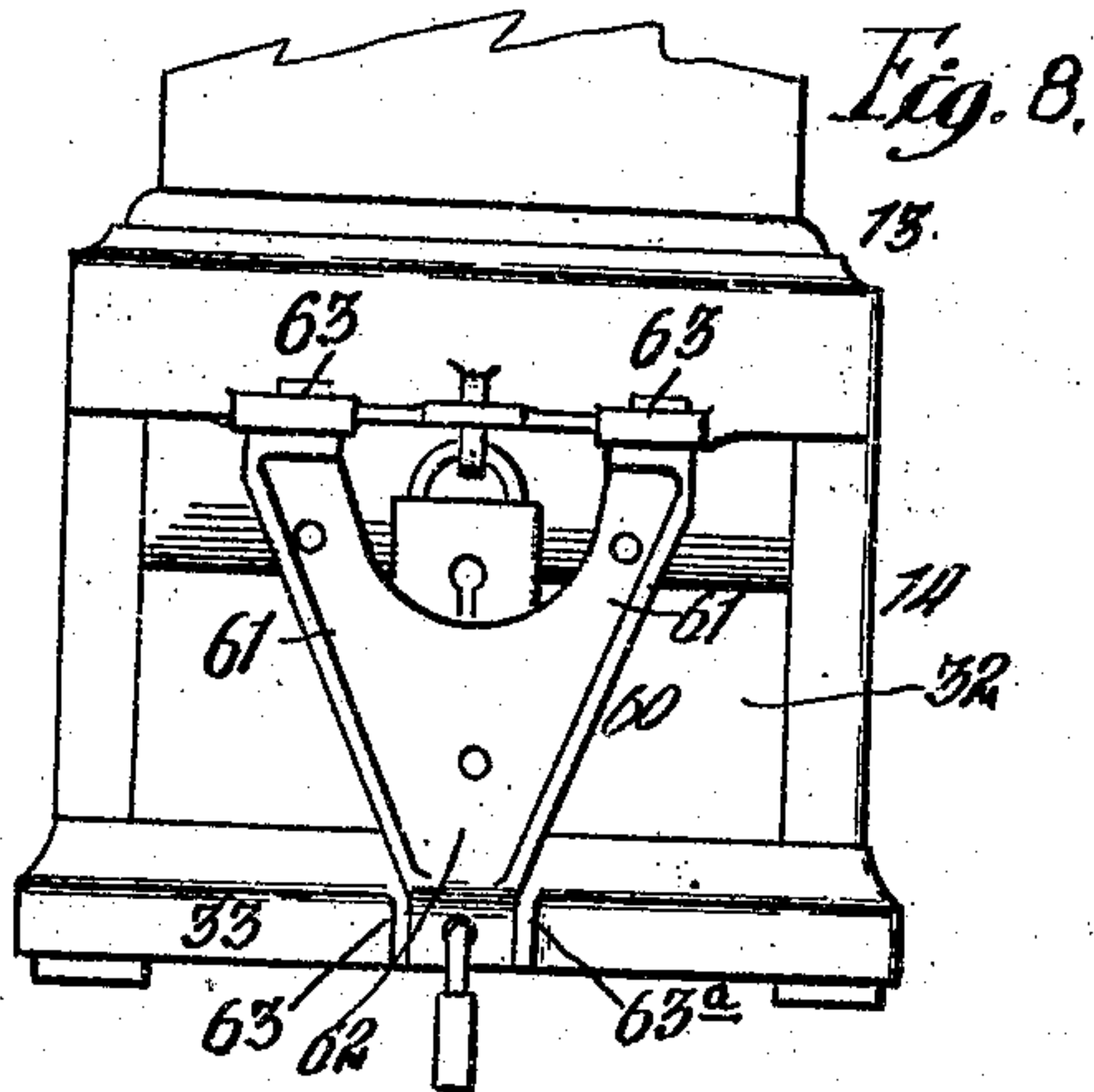
Inventor:

Bethuel M. Davis
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CASING FOR VENDING MACHINES.
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930,331.

Patented Aug. 3, 1909.
2 SHEETS—SHEET 2.



Witnesses:
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Inventor:
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UNITED STATES PATENT OFFICE.

BETHUEL M. DAVIS, OF MORRIS, ILLINOIS, ASSIGNOR TO JOSEPH G. COLEMAN, OF CHICAGO, ILLINOIS.

CASING FOR VENDING-MACHINES.

No. 930,331.

Specification of Letters Patent.

Patented Aug. 3, 1909.

Original application filed July 10, 1908, Serial No. 442,873. Divided and this application filed November 17, 1908. Serial No. 463,042.

To all whom it may concern:

Be it known that I, BETHUEL M. DAVIS, a citizen of the United States, residing at Morris, county of Grundy, and State of Illinois, have invented certain new and useful Improvements in Casings for Vending-Machines, of which the following is a specification, the same being a division of application Serial No. 442,873, filed July 10, 1908.

This invention relates to a peanut vending machine of the style employing a glass receptacle for the retention of the peanuts; and the object of the invention is to so construct the glass receptacle and associated parts that the entire casing can be held together without the provision of tie rods of the style ordinarily employed, thereby leaving the glass receptacle unobstructed for the reception of the peanuts, which is a much more cleanly and satisfactory arrangement than that ordinarily employed in mechanism of this character. The presence of tie rods in a device of this character tends to collect dirt, to impede the discharge of the peanuts, to render the opening and closing of the receptacle more difficult and to detract from the appearance of the machine itself. In the machine of the present invention, the parts are assembled and secured together in such manner as to permit easy removal of the cover, thereby affording access to an unobstructed interior which affords a greater capacity for the reception of the peanuts and at the same time permits easy wiping out or cleaning of the receptacle.

The invention further relates to the base casing which incloses the discharging mechanism, and to the means employed for securing the glass jar thereon, and also to the bracket mechanism for supporting the machine as a whole, the various parts comprising the casing being all secured together in such a manner that the whole machine can be readily assembled or disassembled as occasion may require.

Further objects will appear from a detailed description of the invention, which consists in the features of construction and combination of parts hereinafter described and pointed out in the claims.

In the drawings Figure 1 is a front elevation of the entire machine; Fig. 2 a side elevation of the cover; Fig. 3 a plan view of the cover inverted; Fig. 4 a plan view of

the clamping ring for the cover; Fig. 5 a sectional detail showing the method of securing the cover to the ring; Fig. 6 a plan view of the clamping ring for the base of the jar; Fig. 7 a cross sectional detail of the same; Fig. 8 a rear elevation of the base casing; Fig. 9 a plan view of the upper portion of the base casing; Fig. 10 a plan view of the lower portion of the base casing; Fig. 11 a plan view of the upper portion of the base casing inverted; and Fig. 12 a sectional elevation of the base casing as a whole.

The base casing, as a whole, comprises an upper section 13, which may be termed the mechanism casing, and a lower section 14, which constitutes the base proper. The latter comprises an upper floor 15 which is dished in its rear portion 16 and is tapered in its front portion to provide a chute 17 for the discharge of the peanuts. The dished portion of the floor constitutes a coin receptacle, and the floor, which is shown in plan in Fig. 10, is provided around its edge with a flat rectangular seating face 18, having a flange 19, which, at the forward corners 20, is outwardly bulged and undercut to provide sockets for the reception of the mechanism casing which incloses the coin actuating mechanism. The rear side of the flanged seating face is provided with an outwardly projecting ledge 21, having a center elongated slot 22 and transversely elongated side bracket slots 23, the function of which will hereinafter appear. The floor portion of the lower base section rests upon side walls 24, which are provided, along their upper edges, with dowel pins 25, which are entered through holes 26 in the flanged seating face 18 of the floor of the base near the corners thereof, as shown in Fig. 10. The lower edges of the side walls are provided with similar dowel pins 27, which are entered into holes in the side walls 28 of the bottom portion 29 of the base. The parts thus assembled and doweled together are held against displacement by means of vertical tie rods 30 located near the corners, which tie rods maintain the side walls between the bottom portion of the base of the top floor thereof, as best shown in Fig. 12. The side walls 28 of the bottom portion of the base are connected by means of a front cross wall 31 and a rear cross wall 32, the upper edges of which walls abut against

the surface of the dished portion 16 of the floor. The front cross wall 31 terminates in a forwardly extending dish 32, which underlies the mouth of the chute 17 at a sufficient distance below the chute to permit the purchaser to insert his hand beneath the mouth of the discharge chute. The rear cross wall is provided with a shoulder or offset and terminates in a base cross wall 33 which serves to connect the side walls 28, forming a rectangular bottom for the base portion of the machine.

The lower section of the base has mounted thereon the rectangular mechanism casing 13, which casing is shown inverted in Fig. 11. The casing is provided, near its front corners, with tongues 34, which are socketed within the undercut protuberant corners 20 of the lower section of the base, and the mechanism casing is provided, in the center of its rear edge, with a tongue 34^a which is entered through the center slot 22 and is adapted to be held therein by means of a padlock, as shown in dotted lines in Fig. 12. The mechanism casing is provided with a flat floor 35 having, in its center, a circular well shaped depression 36, which serves to contain the coin controlled mechanism. The well or depression is provided, on its front side, with a flanged discharge mouth 37, which, when the parts are assembled, registers with the chute 17 and serves to discharge peanuts thereinto. The wall 35 is provided, in its upper face, with a circular groove or channel 38, best shown in Fig. 9, which groove or channel is provided, at suitable equidistant points, with baylike enlargements 39.

As shown in Fig. 7, the channel serves to support a ring 40 of rubber or other soft material, upon which ring rests a flared base 41 of the glass peanut jar 42, which jar is held in place by means of a split ring 43, provided at suitable intervals with tongues 44, shown in Fig. 6, which tongues lie within the enlarged or bay portions 39 of the groove or channel, being held therein by screws, or other suitable means. The peanut jar 42 is of cylindrical formation at its top and bottom, and is bulged in its center 45, as shown in Fig. 1; and the interior of the jar is entirely free from tie rods, or other similar connecting means. The top of the jar is provided with a flared rim 46, upon which rests a ring 47 having, on its inner edge, an upwardly extending flange 48, which forms the mouth of the peanut receptacle. The ring 47 is provided, in its under face, with a circumferentially extending groove 49, which is adapted to receive a clamping ring 50, which embraces the flared rim of the glass jar, and serves to clamp the ring onto the rim. The clamping ring is secured to the flange ring by means of screws 51, which are entered into bosses

52, formed at suitable intervals on the clamping ring, as shown in Figs. 1 and 2. The ring 47 is provided, in its upper face, with a groove or channel 53, the outer wall of which, near the forward side, is flanged and undercut to provide sockets 54, which coöperate with a slotted tongue 55, to provide attaching points for the cover. The cover is of circular formation and provided with a rim 56, which connects with a shoulder or ledge 57, which, when the cover is in position, rests upon the top edge of the flange 48. The rim 56 is provided, at suitable points, with tongues 58, which are adapted to enter the sockets 54, and said tongues coöperate with a depending locking tongue 59, which is adapted to be passed through the locking tongue 55 and is locked by means of a padlock, as shown in Fig. 2.

In order to suspend the machine from a wall or other vertical surface, a bracket 60 is provided, which is shown in Figs. 8 and 10, which bracket is of a Y shape comprising side arms 61 which merge into a connecting neck 62. The side arms are provided with fingers 63, which are entered through the bracket walls 23, and the end of the neck 62 is entered between flanges 63 formed on the wall 33 of the bottom of the casing, being secured thereto by means of a padlock entered through the neck and the wall. As shown in Fig. 12, the ends of the bracket are offset as respects the body portion of the bracket, so as to permit the body portion to be easily secured to a suitable supporting surface by means of nails, bolts or other attaching means.

The parts comprising the casing as a whole can be very readily assembled in the following manner: The sections composing the base are assembled by positioning the side walls upon the bottom portion of the base with the dowel pins in the intended holes, and thereafter placing the floor in position upon the side walls to bring the dowel pins in the intended holes, after which the tie rods are applied to serve to clamp the sections together. Thereafter the mechanism casing is positioned to bring the tongues 34 into the socket portions 20 and the locking tongue 34^a through the wall 22, after which a padlock can be applied which locks the mechanism casing onto the base portion of the casing in position to prevent tampering with the mechanism and stealing of coins from the coin box. The peanut jar is then mounted upon the casing and clamped thereon by screwing down the split ring 43. The screws holding this ring in place can be entered from beneath, so as prevent the removal of the ring by unauthorized persons, access being obtainable to the screws only from the interior of the mechanism casing. The cover is locked in place by inserting the tongues 58 and 59, into the intended sockets,

and locking the whole together by means of a padlock.

The mode of assembling and securing the parts together is one which permits ready access to be obtained by authorized persons to any portion of the casing by simply unlocking the proper padlock, which is very important in restocking the machine and removing coins therefrom. The method of securing the glass jar to the base and securing the cover to the jar is one which eliminates all interior tie rods, or similar fastenings, thereby facilitating the discharge of peanuts, improving the sanitary character of the machine, facilitating cleaning of the jar, and improving the appearance of the machine as a whole.

What I claim as new and desire to secure by Letters Patent is:

1. In a vending machine, the combination of a base portion and a mechanism casing, one of the members being provided with socket recesses and the other member being provided with ears adapted to enter said recesses, and one of the members being provided with a slot and the other member being provided with a tongue adapted to be entered through said slot, a lock adapted to be entered through the tongue after insertion through the slot, a commodity receptacle rigidly secured to the casing, a ring rigidly secured to the upper end of the commodity receptacle, and a cover fitting onto the ring, one of said last mentioned members being provided on one side with recesses and the other member being provided with ears adapted to enter said recesses, and one of said members being provided with a slot and the other member being provided with a tongue adapted to be entered through said slot, and a lock adapted to be entered through the tongue after the insertion through the slot, substantially as described.

2. In a vending machine, the combination of a bottom portion having sides and a rear cross wall, the latter being carried up above the sides, a front cross wall carried up above the sides and merging at its lower end into a dish, a floor supported upon the upper edges of the front and rear cross walls, and configured to provide a coin receptacle and a discharge chute, and side walls interposed between the sides of the bottom and the side edges of the floor, substantially as described.

3. In a vending machine, the combination of a bottom portion having sides and a rear cross wall, the latter being carried up above the sides, a front cross wall carried up above the sides and merging at its lower end into a dish, a floor supported upon the upper edges of the front and rear cross walls, and configured to provide a coin receptacle and a discharge chute, side walls interposed between the sides of the bottom and the side edges of the floor, said sides being provided

with dowel pins adapted to register with recesses in the sides and floor, and tie rods for holding the parts clamped together, substantially as described.

4. In a vending machine, the combination of a bottom portion having sides and a rear cross wall, the latter being carried up above the sides, a front cross wall carried up above the sides and merging at its lower end into a dish, a floor supported upon the upper edges of the front and rear cross walls, and configured to provide a coin receptacle and a discharge chute, side walls interposed between the sides of the bottom and the side edges of the floor, socket recesses formed along one edge of the floor and a slotted member formed on the opposite edge, and a mechanism casing provided with ears adapted to enter the recesses and a tongue adapted to be entered through said slot, and a lock adapted to be entered through the tongue after insertion through the slot, substantially as described.

5. In a vending machine, the combination of a bottom portion having sides and a rear cross wall, the latter being carried up above the sides, a front cross wall carried up above the sides and merging at its lower end into a dish, a floor supported upon the upper edges of the front and rear cross walls, and configured to provide a coin receptacle and a discharge chute, side walls interposed between the sides of the bottom and the side edges of the floor, said sides being provided with dowel pins adapted to register with recesses in the sides and floor, tie rods for holding the parts clamped together, socket recesses formed along one edge of the floor and a slotted member formed on the opposite edge, and a mechanism casing provided with ears adapted to enter the recesses and a tongue adapted to be entered through said slot, and a lock adapted to be entered through the tongue after insertion through the slot, substantially as described.

6. In a vending machine, the combination of a base portion provided, in its upper edge on one side, with socket recesses and on the other side with a slot, a mechanism casing provided on one side of its lower edge with ears adapted to enter said recesses, and on the other side of its lower edge with a tongue adapted to be entered through said slot, a lock adapted to be entered through the tongue, a jar mounted on said mechanism casing and provided with a flaring bottom and a flaring top, a clamping member connected with the mechanism casing and surrounding and overlying said flaring bottom, a cover mounting located upon the flaring top, a clamping ring secured thereto, and underlying the flaring top of the jar, and a cover adapted to be locked onto said cover mounting, substantially as described.

7. In a vending machine, the combination

4
of a base portion provided, in its upper edge
on one side, with socket recesses and on the
other side with a slot, a mechanism casing
provided on one side of its lower edge with
5 ears adapted to enter said recesses, and on
the other side of its lower edge with a tongue
adapted to be entered through said slot, a
lock adapted to be entered through the
tongue, a jar mounted on said mechanism
10 casing and provided with a flaring bottom
and a flaring top, a clamping member con-
nected with the mechanism casing and sur-
rounding and overlying said flaring bottom,
a cover mounting located upon the flaring
15 top, a clamping ring secured thereto, and
underlying the flaring top of the jar, and a

cover carried by the cover mounting, one of
said last mentioned members being provided
on one side with socket recesses and the
other member provided with ears adapted 20
to enter said recesses, and one of said
members being provided with a slot and
the other member being provided with a
tongue adapted to be entered through said
slot, and a lock adapted to be entered 25
through the tongue after insertion through
the slot, substantially as described.

BETHUEL M. DAVIS.

Witnesses:

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R. J. McGRATH.