

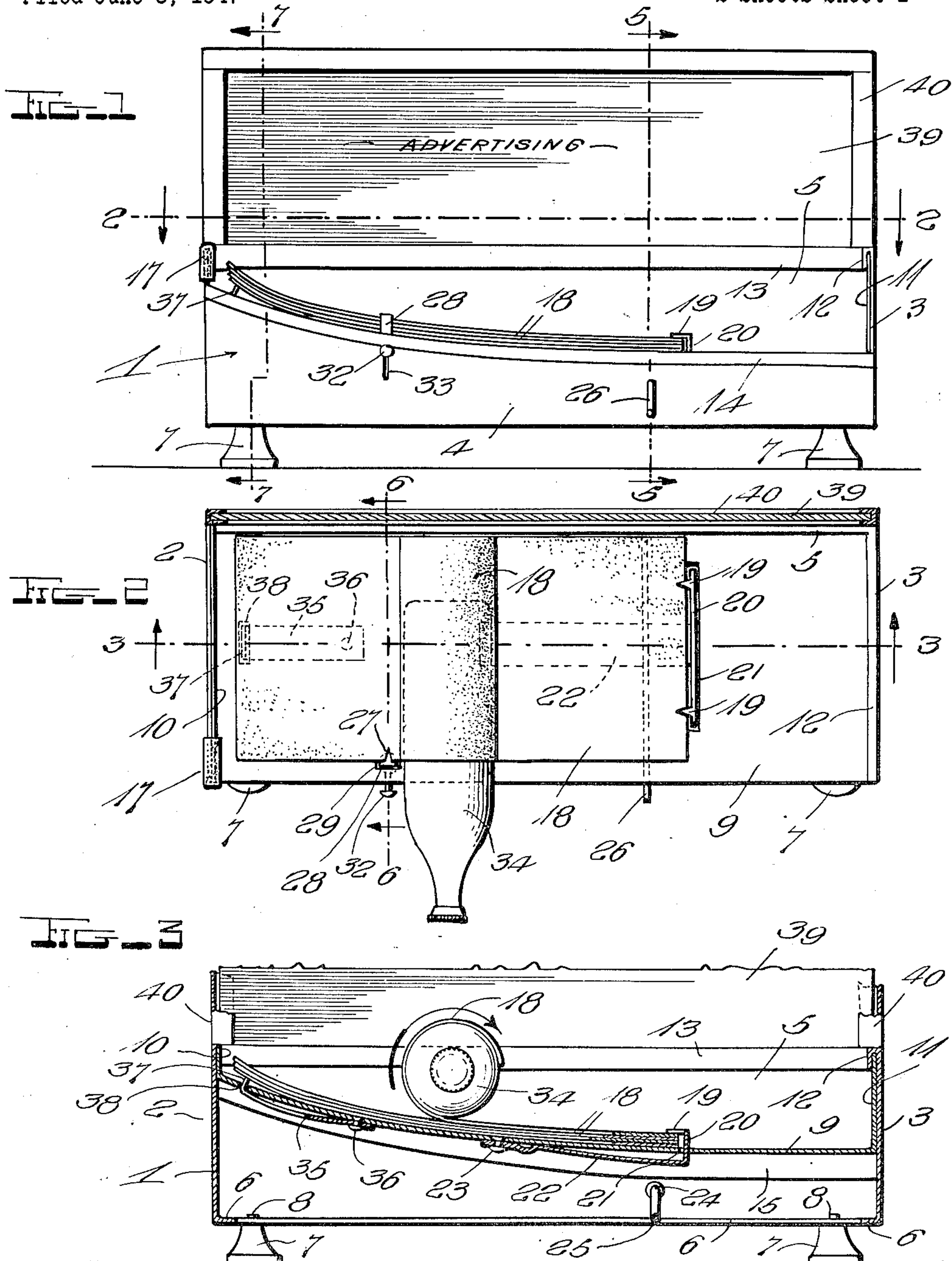
Feb. 6, 1951

L. E. BRACKNEY
BOTTLE WRAPPER HOLDER

2,540,090

Filed June 3, 1947

2 Sheets-Sheet 1



INVENTOR.

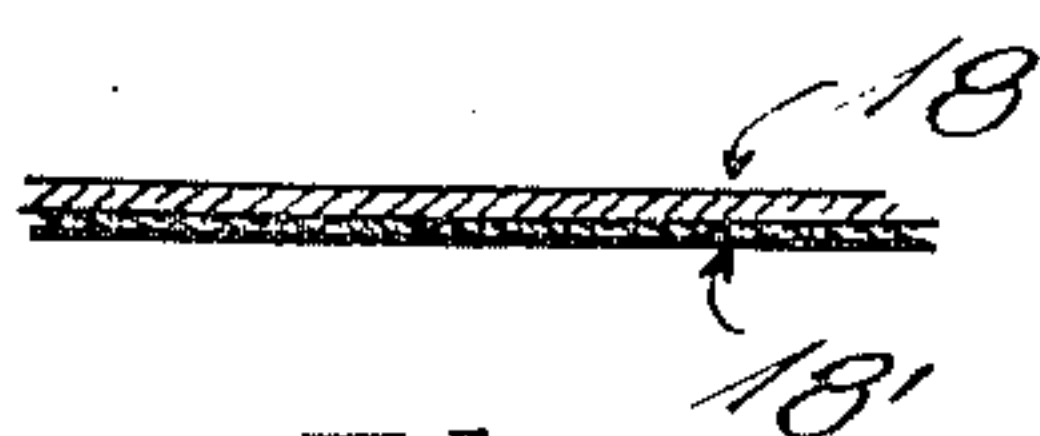
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FIG. 11



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2 Sheets-Sheet 2

FIG. 4

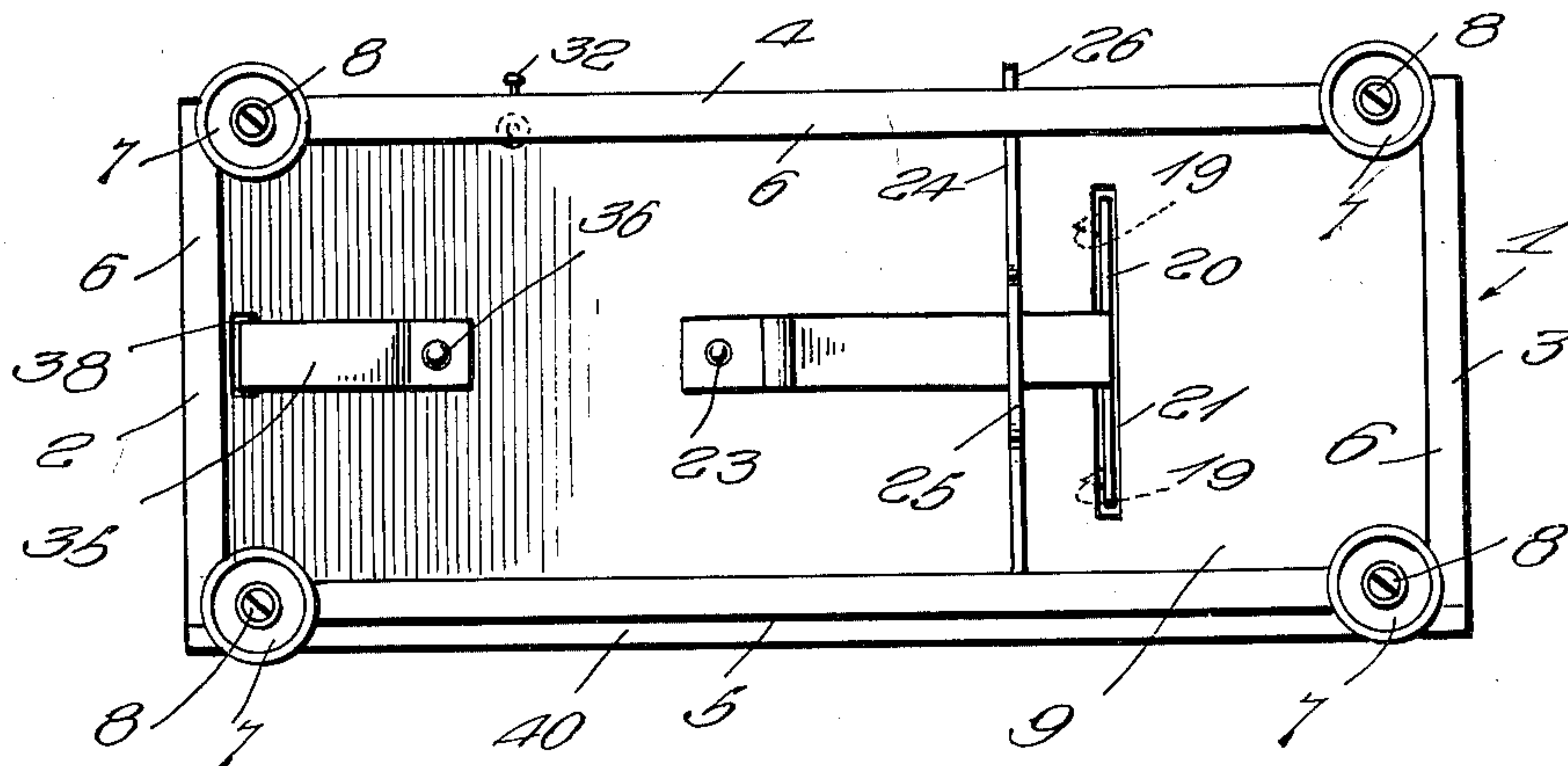


FIG. 5

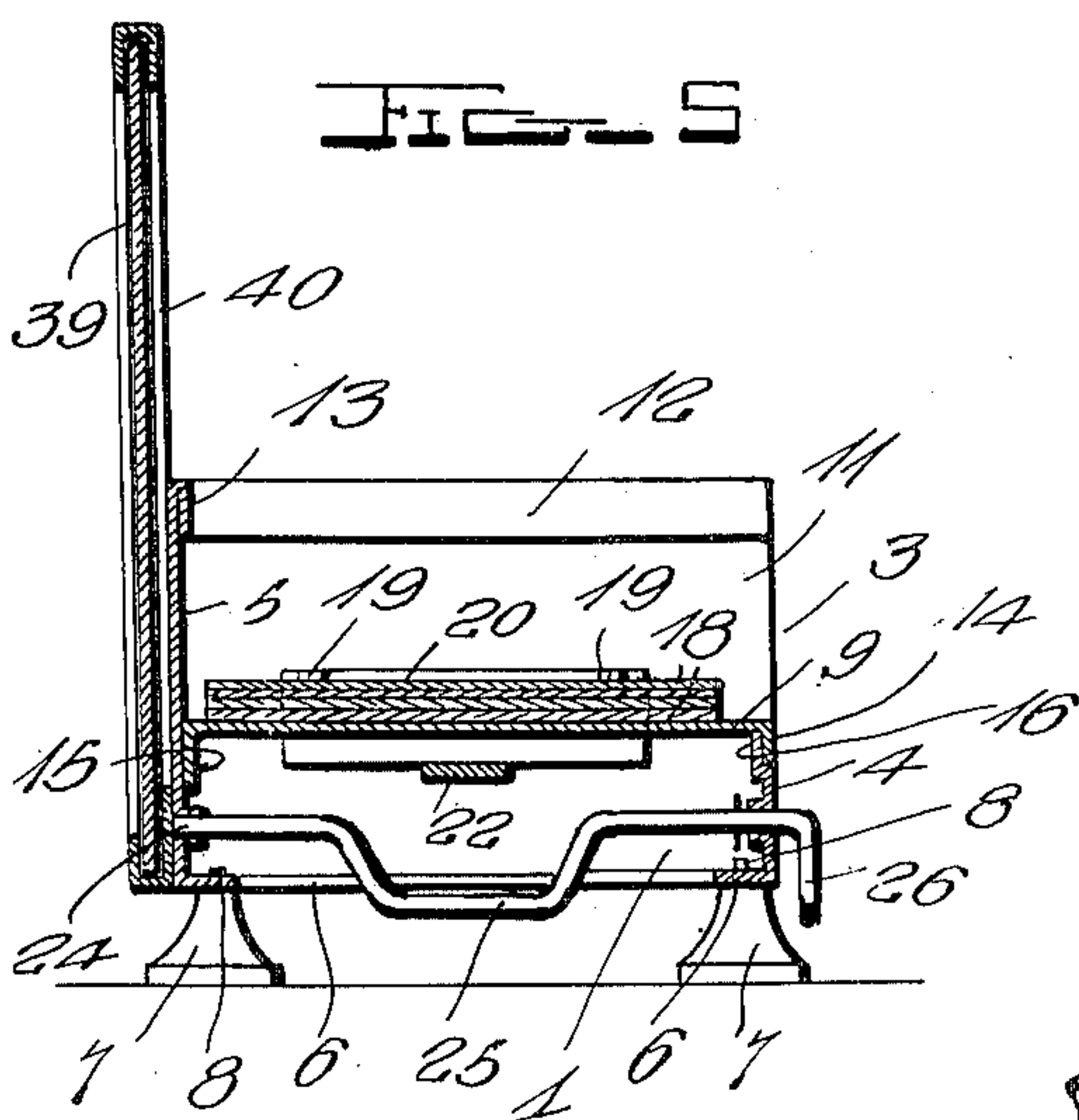


FIG. 6

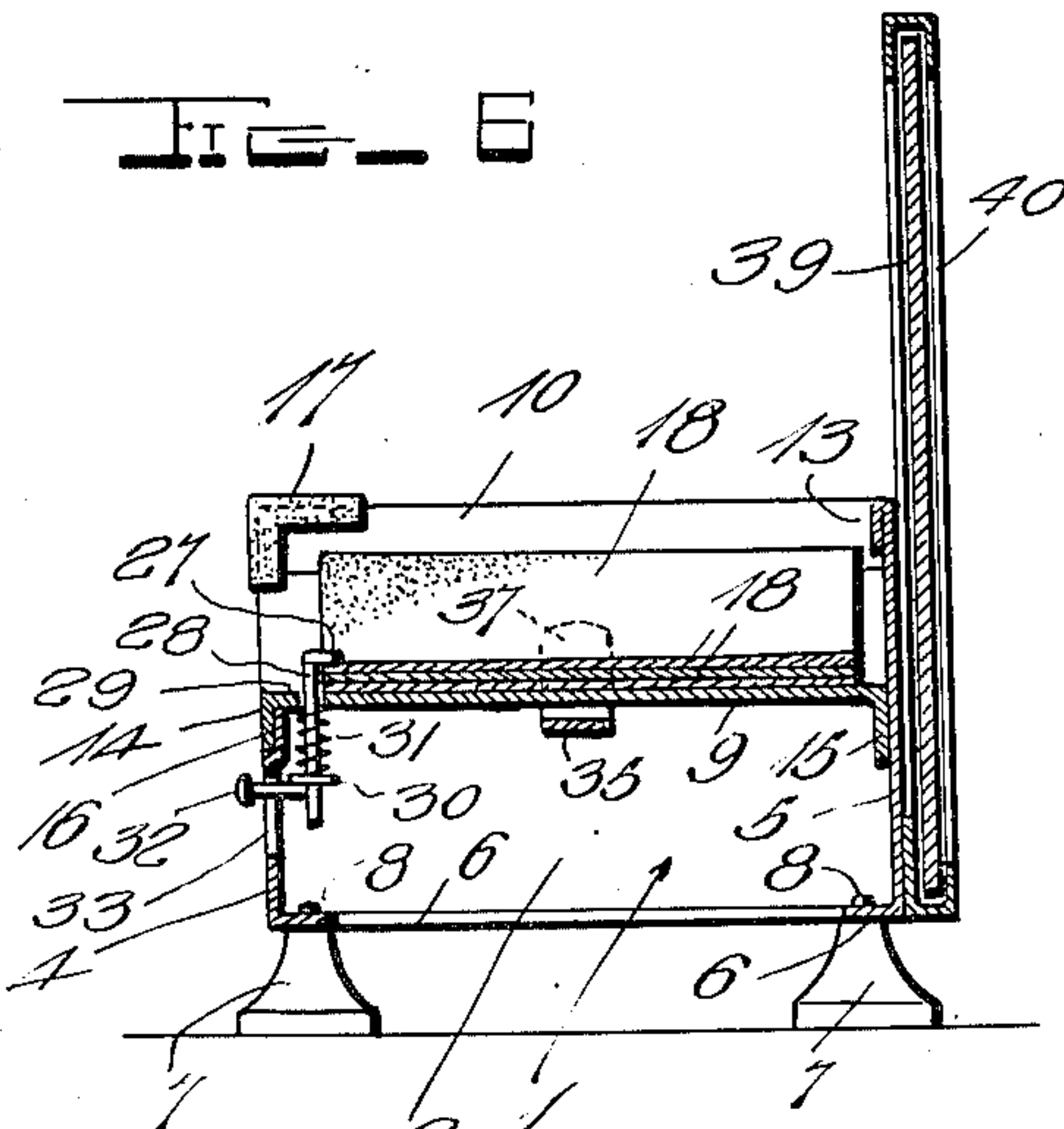


FIG. 7

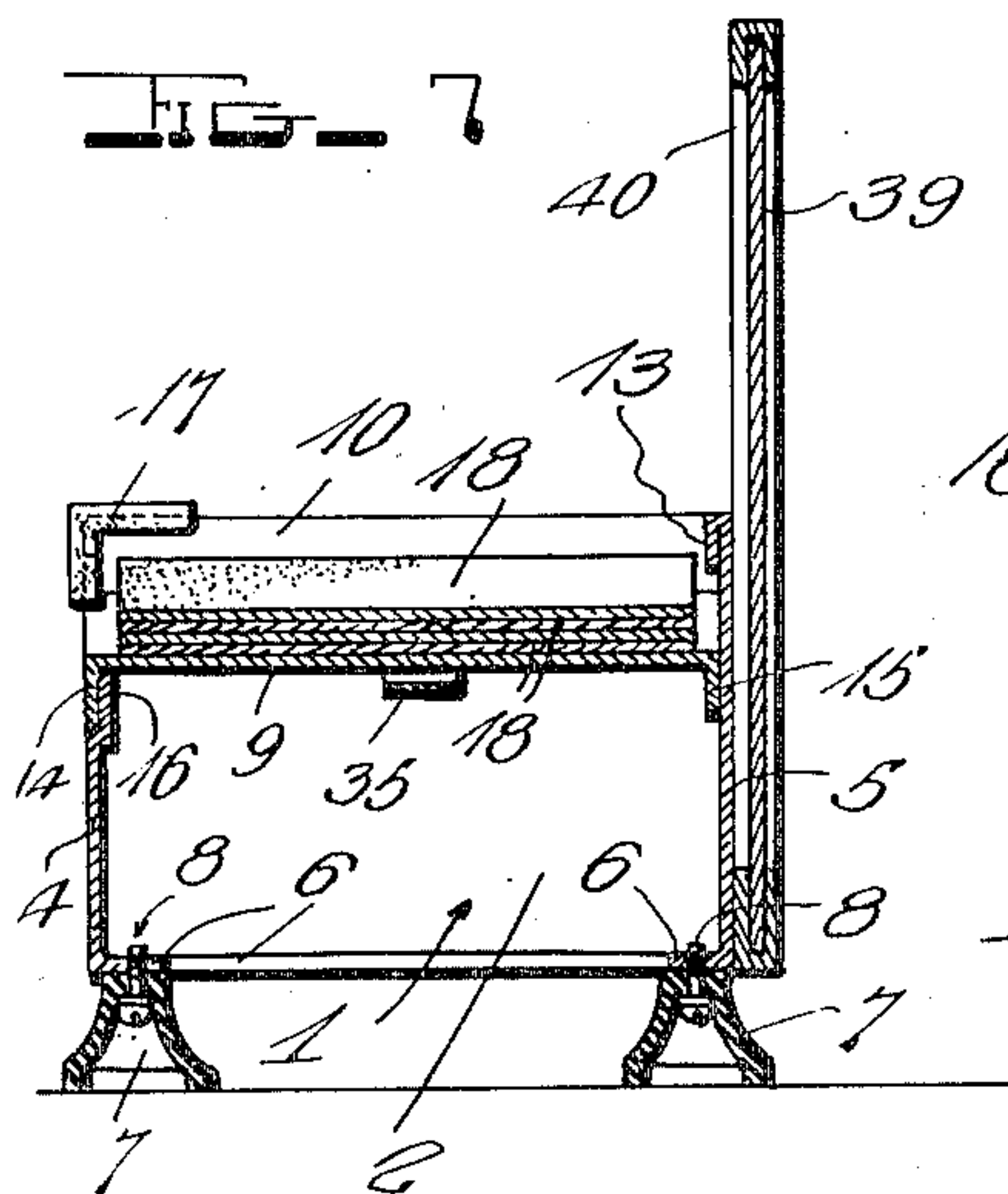


FIG. 8

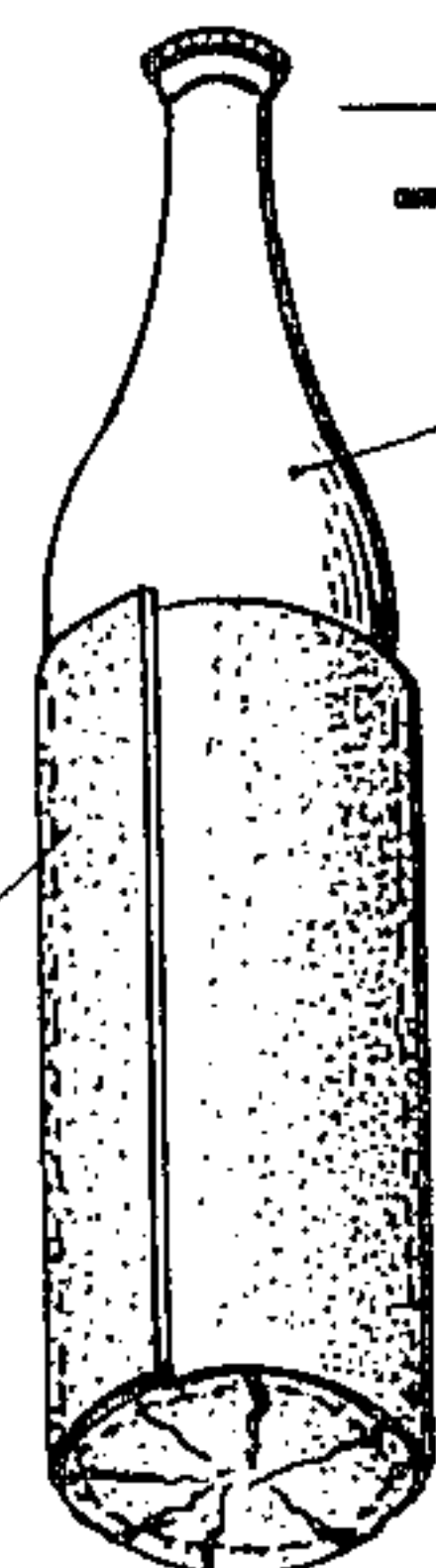


FIG. 9

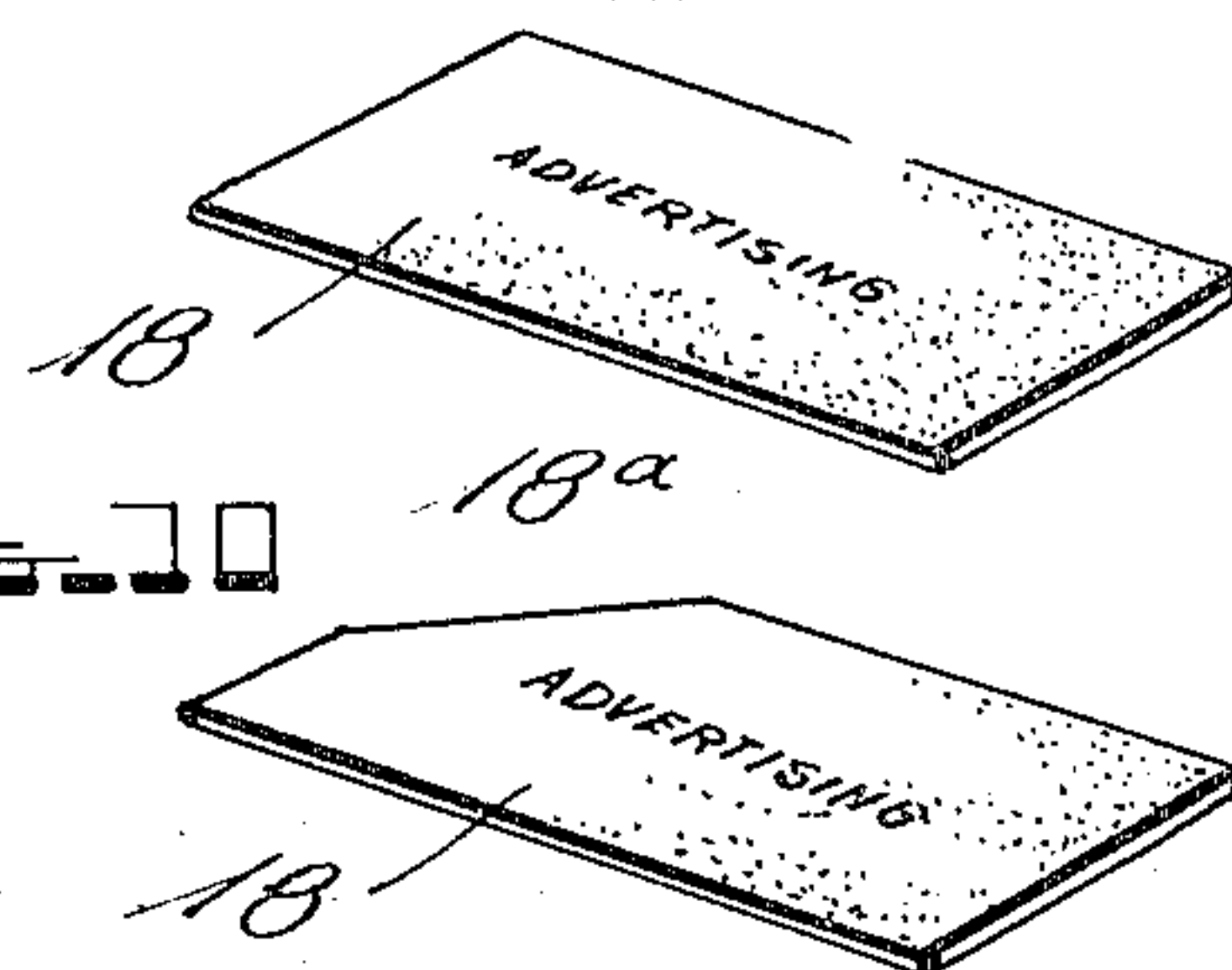


FIG. 10



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BOTTLE WRAPPER HOLDER

Lester E. Brackney, Baton Rouge, La.

Application June 3, 1947, Serial No. 752,069

3 Claims. (Cl. 93—2)

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This invention relates to a bottle wrapper holder and it is one object of the invention to provide a device adapted to hold a supply of sheets of paper in a stack and in such position that a bottle may be placed upon sheet of the stack and the sheet wrapped about the bottle as the bottle is rolled along the stack.

Another object of the invention is to so form the holder that when a bottle is placed upon the stack at or near one end thereof it will have a tendency to roll toward the other end of the stack and wrap the top sheet of the stack about itself as it rolls.

Another object of the invention is to provide improved means for holding a stack of wrappers upon the deck or platform of the holder and in addition provide means for tilting the stack at the end thereof where a wrapping operation is started and allow the top sheet to be easily lifted at the starting end and engaged about the bottle at the start of the wrapping operation.

Another object of the invention is to so form and mount clamps for holding the stack of wrapping sheets that they may be easily shifted to a raised position while setting a stack of sheets in place and have firm gripping engagement with the stack when released.

Another object of the invention is to provide a holder which is of light weight so that it may be safely set upon a counter without danger of damaging a glass top of the counter, the holder being at the same time strong and not liable to be bent out of shape or elements forming the holder come apart.

Another object of the invention is to provide a holder wherein a portion thereof constitutes a holder for an advertising card.

Another object of the invention is to provide a holder having supports constituting suction cups adapted to have gripping engagement with a glass or polished top of a counter and firmly hold the device firmly in place upon the counter.

Still another object of the invention resides in providing a device which is simple and durable in construction, inexpensive to manufacture and one which will be very efficient in operation and application to use.

With these and numerous other objects in view, my invention consists in the novel features of construction, combination and arrangement of parts as will be hereinafter referred to and more particularly pointed out in the specification and claims.

The invention is illustrated in the accompanying drawings wherein:

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Figure 1 is a view showing holder in front elevation with a stack of wrapper sheets in place upon the deck or platform thereof.

Figure 2 is a view taken along the line 2—2 of Figure 1.

Figure 3 is a sectional view taken longitudinally through the device along line 3—3 of Figure 2.

Figure 4 is a bottom plan view of the holder.

Figure 5 is a transverse sectional view taken along line 5—5 of Figure 1.

Figure 6 is a transverse sectional view taken along line 6—6 of Figure 2.

Figure 7 is a sectional view taken along line 7—7 of Figure 1.

Figure 8 is a perspective view of a bottle having a wrapper about the same.

Figure 9 is a perspective view of one of the wrappers.

Figure 10 is a view of a wrapper having a corner cut off.

Figure 11 shows a fragment of a wrapper in section, the view being upon an enlarged scale.

The wrapper holder constituting the subject matter of this invention has a frame or body 1 which is formed of sheet metal. The frame is rectangular, preferably oblong, and has end walls 2 and 3 and front and rear walls 4 and 5, which walls have their lower portions folded inwardly to form base flanges 6 carrying supporting feet 7 consisting of rubber suction cups secured to the flanges by screws 8. These feet or cups support the frame in an elevated position and since they have gripping engagement with a counter top of glass or polished wood they hold the device firmly in place and prevent it from slipping along the counter.

An upper deck or platform 9 is carried by the frame. This deck is formed of sheet metal and one end portion bent to form an upwardly extending flange or flap 10 which is secured in flat face to face engagement with the end wall 2 of the frame. The deck curves longitudinally, as shown in Figure 3, and referring to this figure, it will be seen that the deck extends at a downward incline toward the other end of the frame and terminates in an upwardly bent portion 11 secured in flat contacting engagement with the end wall 3. The upper end portion of end wall 3 is folded inwardly to form a lip 12 which engages about the upturned end portion 11 of the deck to assist in holding the same in place and in addition form a smooth edge. The upper edge portion of the rear wall is also folded inwardly as shown at 13 to provide a smooth edge, and if so

desired the end wall 2 may also have its upper edge portion folded inwardly in overlapping engagement with the upturned portion 10 of the deck. Front and rear edge portions of the deck are bent downwardly to form flanges 14 and 15, the flange 14 being secured flat against the inwardly offset upper edge portion 16 of the front wall 4 and flange 15 being secured against rear wall 5. A rubber guard 17 is applied to the forward corner of wall 2 and a similar guard may be applied to the forward corner of wall 3. It will thus be seen that the entire frame is formed of sheet metal and that it will be of light weight while at the same time strong and not liable to be easily bent or otherwise distorted.

During use of the device it is set upon a counter or the like where it is held stationary by the supporting feet 7. A stack of wrapping sheets 18 are placed upon the deck 9 and the lower or inner end of the stack is overlapped and gripped by teeth or tongues 19 carried by a clip or jaw 20. This clip or jaw 20 consists of a metal plate extending transversely of the frame and passing through a slot 21 formed through the deck 9 transversely thereof, and midway the lower edge of the jaw is a resilient shank 22 formed integral with the plate 20. The resilient shank or strip 22 extends longitudinally of the frame and at one end secured against the under face of the deck by a rivet 23. The spring strip or shank 22 is biased downwardly so that the prongs or fingers 19 will be urged downwardly and have gripping engagement with the adjacent end of the stack of wrappers to hold the stack flat upon the deck. Since the fingers or tongues 19 are short and tapered, as shown in Figure 2, the wrapping sheets may be easily withdrawn from under the prongs one at a time by longitudinal pull during wrapping of a bottle. The clip must be shifted upwardly in order to permit a stack of wrapping sheets to be engaged under the spurs or prongs 19 and in order to do so there has been provided a crank shaft 24 which is journaled through the frame transversely thereof under the deck. This crank shaft is formed from a metal rod having an intermediate portion bent to form a crank portion 25 located under the resilient shank 22. The outer end portion of the crank shaft is bent to form a handle or arm 26 which extends downwardly and when swung upwardly in either direction serves to turn the crank shaft and swing the crank portion upwardly into engagement with the resilient shank. The shank and the plate 20 constituting the clip will thus be shifted upwardly to a raised position and a stack of wrappers may be slid along the deck until the lower or inner end of the stack moves under the spurs 19 and into abutting engagement with the plate 20. Pressure upon the arm or handle will then be released and the clip or clamp will be shifted downwardly until the spurs grip the stack of wrappers.

The forward side edge of the stack of wrappers is also engaged by the spur or finger 27 projecting inwardly from a clip 28. This clip extends vertically through a slot 29 formed through the deck adjacent the front edge thereof and in spaced relation to its lower end is provided with an abutment collar 30 against which rests a spring 31 serving to urge the clip downwardly and maintain the spur in gripping engagement with the upper wrapper of the stack. A handle 32 extends from the clip forwardly through a slot formed vertically in the front wall of the frame and has a knob at its outer end in order that it may be easily grasped and the clip shifted up-

wardly when setting a stack of wrappers in place upon the deck.

It is desired to permit the outer ends of the wrappers to be easily lifted and disposed about a bottle 34 during a wrapping operation. In order to do so there has been provided a metal strip 35 which extends longitudinally of the curved portion of the deck and is secured at its inner end by a rivet 36. This metal strip has its outer end portion bent upwardly to form a bill 37 extending vertically through a slot 38 formed through the deck and projects upwardly therefrom as shown in Figures 1 and 3. Referring to these figures, it will be seen that the metal strip 35 and its bill serve very effectively as a prop to tilt the outer end portion of the stack upwardly and cause outer ends of the wrappers to be shifted out of flush relation to each other. Therefore, each wrapper projects slightly beyond the one upon which it rests and the outer end of the upper wrapper may be easily engaged by a finger and the upper wrapper lifted and engaged about the bottle placed upon the stack of wrappers. The bottle is then rolled along the stack of wrappers and the top wrapper will be wrapped about the bottle. The wrapper is disengaged from spurs of the clips during the wrapping operation and since a portion of the wrapper projects from the bottom of the bottle, this portion of the wrapper may be folded against the bottom of the bottle and form a bottom for the wrapper as shown in Figure 8. The bottle may then be held in a person's hand and the wrapper will serve as a shield to prevent the hand from having direct contact with a cold and wet bottle. Water will also be prevented from dripping from the bottom of the bottle by the inwardly folded lower portion of the wrapper. The fact that the bottle is wet when applied to the stack of wrappers will cause the paper wrapper to adhere to it and cause close fit between the wrapper and the bottle during wrapping of the bottle. Each wrapper has one surface coated with wax, as shown at 18' in Figure 11, so that water will be prevented from passing entirely through the wrapper. It should also be noted that advertising matter may be printed upon the face of the wrapper which is disposed outwardly of a wrapped bottle. If so desired a corner portion of each wrapper may be cut diagonally, as shown at 18^a in Figure 10 and allow the outer end of the wrapper to be more easily carried upwardly by a wet bottle.

It is desired to permit an advertising card 39 to be displayed at the back of the wrapper holding device and in order to do so there has been provided an open frame 40. This frame is formed of metal strips which are of channeled formation and is mounted vertically at the back of the frame 1. When the advertising card is fitted into the frame 40 it will be firmly held in place but may be easily removed when another is to be fitted into the frame.

From the foregoing description of the construction of my improved device, the operation thereof and the method of applying the same to use, will be readily understood. It will be seen that I have provided a simple, inexpensive and efficient means for carrying out the objects of the invention and while I have particularly described the elements best adapted to perform the functions set forth, it is obvious that various changes in form, proportion and in the minor details of construction may be resorted to, without departing from the spirit or sacrificing any of the principles of the invention.

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Having thus described the invention, what is claimed is:

1. In a device of the character described, a frame having a deck constituting a support for bottle wrappers, said deck being formed with a slot extending transversely thereof, a clip for holding wrappers firmly in place upon the deck consisting of a plate extending vertically through the slot and provided with spurs extending from its upper edge for overlapping the wrappers, a resilient shank extending from the lower edge of said plate longitudinally of the deck under the same and secured at its other end against the under face of the deck, said shank being biased to urge the plate downwardly and hold the spurs in gripping engagement with the wrappers, and means for acting upon the shank to shift the plate upwardly and allow a stack of wrappers to be set in place under the spurs.

2. In a device of the character described, a frame having a deck constituting a support for bottle wrappers, said deck being formed with a slot extending transversely thereof, a clip for holding wrappers firmly in place upon the deck consisting of a plate extending vertically through the slot and provided with spurs extending from its upper edge for overlapping the wrappers, a resilient shank extending from the lower edge of said plate longitudinally of the deck under the same and secured at its other end against the under face of the deck, said shank being biased to urge the plate downwardly and hold the spurs in gripping engagement with the wrappers, and a crank shaft rotatably mounted transversely of the frame under the deck and having a crank portion disposed under the shank and a handle at one end for turning the crank shaft and swinging the crank portion thereof upwardly into en-

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gagement with the shank to shift the plate upwardly to a position allowing a stack of wrappers to be set in place upon the deck with an end portion extending under the spurs.

3. In a device of the character described, a frame having end walls and front and rear walls, the front wall being shorter than the end walls and gradually decreasing in depth toward one end, and a deck consisting of a sheet of material extending longitudinally of the frame between the end walls and for the full width of the frame between the front and rear walls, ends of the sheet being bent upwardly and mounted flat against the end walls and front and rear edge portions of the sheet being formed with depending flanges in flat contacting engagement with the front and rear walls, and said deck being curved longitudinally and extending at a downward incline in conformity to the upper edge of the front wall.

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