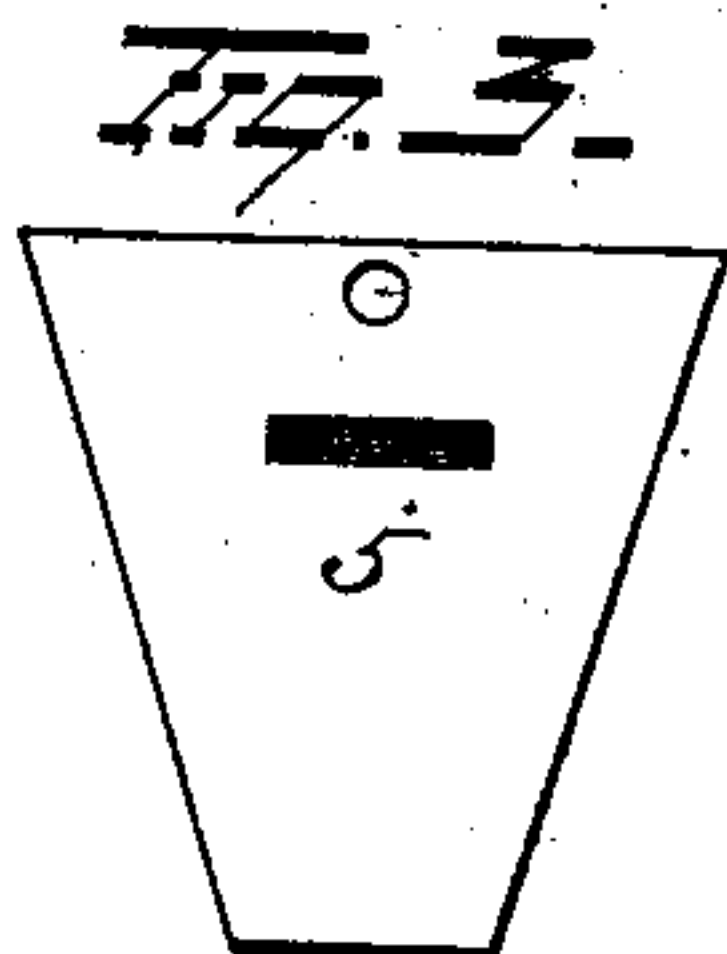
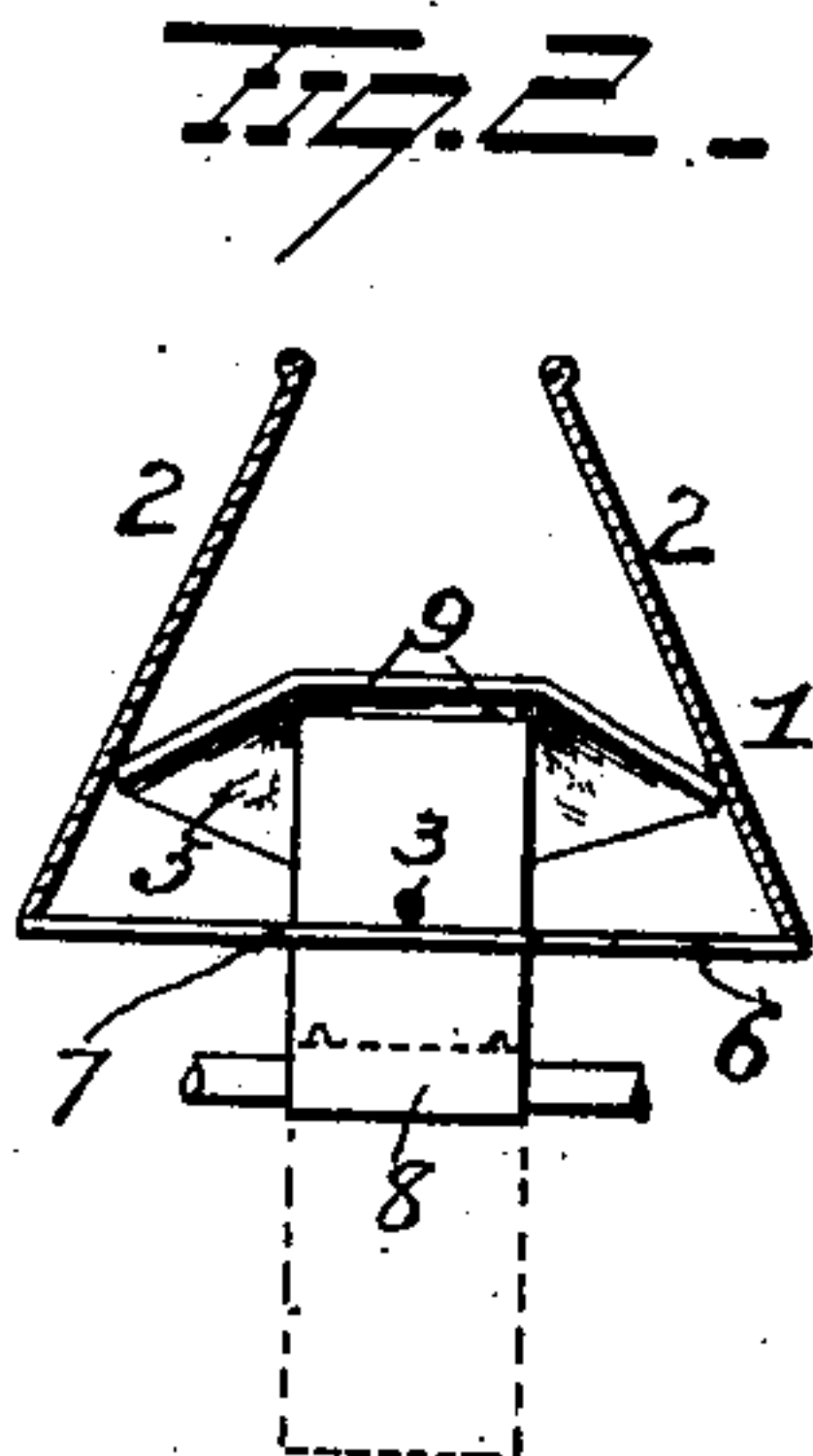
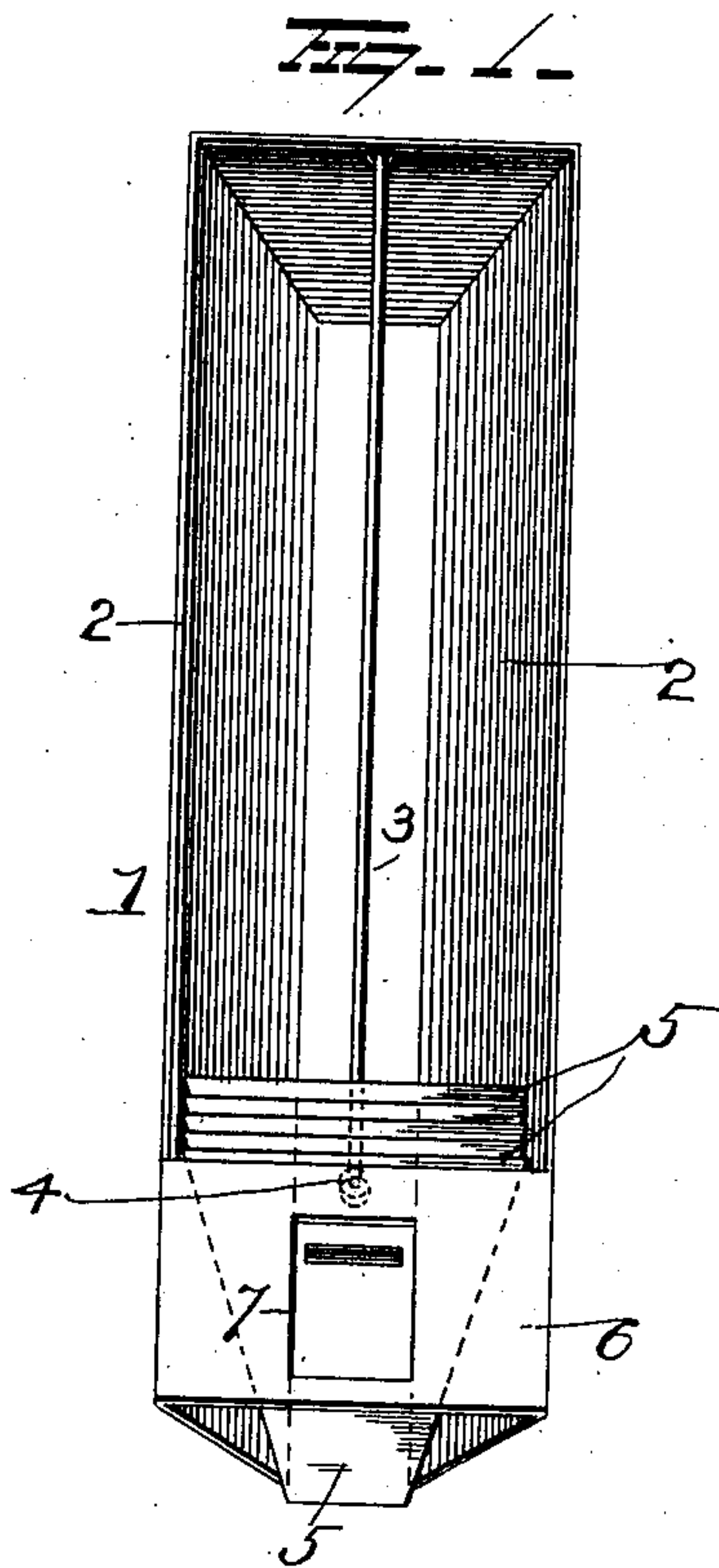


No. 744,412.

PATENTED NOV. 17, 1903.

E. S. SCHEBLE.
VENDING MACHINE.
APPLICATION FILED NOV. 21, 1902.

NO MODEL.



WITNESSES
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EUGENE STITES SCHEBLE, OF CLEBURNE, TEXAS, ASSIGNOR, BY MESNE ASSIGNMENTS, TO S. E. WILMORE, OF NEW YORK, N. Y.

VENDING-MACHINE.

SPECIFICATION forming part of Letters Patent No. 744,412, dated November 17, 1903.

Application filed November 21, 1902. Serial No. 132,225. (No model.)

To all whom it may concern:

Be it known that I, EUGENE STITES SCHEBLE, of Cleburne, in the county of Johnson and State of Texas, have invented certain new and useful Improvements in Vending-Machines; 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.

My invention relates to an improvement in vending-machines, the object of the invention being to provide improved supports or closures for goods being vended and so shape them and their inclosing casing as to insure the dropping of a package when the ejector is operated.

With this object in view the invention consists in certain novel features of construction and combinations and arrangements of parts as will be more fully hereinafter described, and pointed out in the claims.

In the accompanying drawings, Figure 1 is a view illustrating my improvements. Fig. 2 is a view in horizontal section thereof, and Fig. 3 is a view of one of the envelops or packages.

1 represents a casing or box having sides 2, converging toward their rear, forming an approximately triangular receptacle of greatest width at its forward or outer edge.

A removable rod 3 depends from the top of the casing at the center of its forward edge and has an enlargement 4 at its lower end to limit the downward movement of envelops 5 thereon. These envelops are of the general triangular shape shown in Fig. 3—that is to say, are of greatest width at one end and taper to the other end, their greatest width being but slightly less than the greatest width of casing 1 to fit therein. The envelops are perforated near their forward or widest edge at their center to receive rod 3, and owing to their weight will hang in a vertical position against a plate 6 across the lower portion of the casing. This plate 6 has a slot 7 therein, through which an ejector 8 passes to eject the envelops, as will now be explained.

The ejector 8 is provided with teeth 9 to engage the lowest envelop and tear it from rod 3, and as it forces the envelop rearward

owing to the contraction of the casing or box the envelop will crinkle and expand when forced below the casing. If it should stick to the teeth 9 of ejector 8, the return movement of the latter will bring the expanded envelop against the lower edge of the sides of the casing or box and free itself therefrom, the envelop dropping into a suitable receptacle (not shown) from which it can be readily removed by the purchaser.

While I have shown the envelops as of a particular shape, it is to be understood that they may be of various shapes, just so they will crinkle when being ejected and expand below the casing to prevent possibility of the ejector returning them to the casing to interfere with the perfect operation of the machine.

A great many changes might be made in the general form and arrangement of the parts described without departing from my invention, and hence I do not confine myself to the precise details set forth, but consider myself at liberty to make such slight changes and alterations as fairly fall within the spirit and scope of my invention.

Having fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In a vending-machine, the combination with a casing having a contracted rear portion, of means for supporting an envelop in said casing and means for forcing said envelop toward the contracted rear portion of the casing and ejecting said envelop from the casing.

2. In a vending-machine, the combination with a casing having a contracted rear portion and an open bottom, of means in the front portion of said casing for supporting an envelop, and means for forcing said envelop rearwardly and downwardly through the open bottom of the casing.

3. In a vending-machine, the combination with a casing constructed to hold envelops in a normal flat condition, of means cooperating with said casing to first bend an envelop and then eject it.

4. In a vending-machine, the combination with a casing having rearwardly-converging side walls and an open bottom, of containers

within said casing, said containers having a shape corresponding approximately with the cross-section of the casing, a support for said containers, and means for forcing said containers toward the rear of the casing, removing them from their support and ejecting them through the bottom of the casing.

5 5. In a vending-machine, the combination with a casing having vertical rearwardly-con-
10 verging walls and an open bottom, of a rod suspended in the wide front portion of said casing, envelops mounted on said rod and having side edges approximately parallel with the converging side walls of the casing,
15 and an ejector arranged to engage one of said envelops, force it rearwardly between the converging side walls of the casing and eject it through the open bottom of said casing.

6. In a vending-machine, the combination with a casing having a depending rod there- 20
in, of perforated envelops supported on the rod, and a toothed ejector to engage the envelops, crinkle them in forcing them rearward and out of the open bottom of the casing and free itself from the envelops when 25
the latter are brought back against the lower edge of the side walls of the casing after expanding below the same.

In testimony whereof I have signed this specification in the presence of two subscrib- 30
ing witnesses.

EUGENE STITES SCHEBLE.

Witnesses:

SELAH V. D. TOMKINS,
MALCOLM B. EGBERT.