

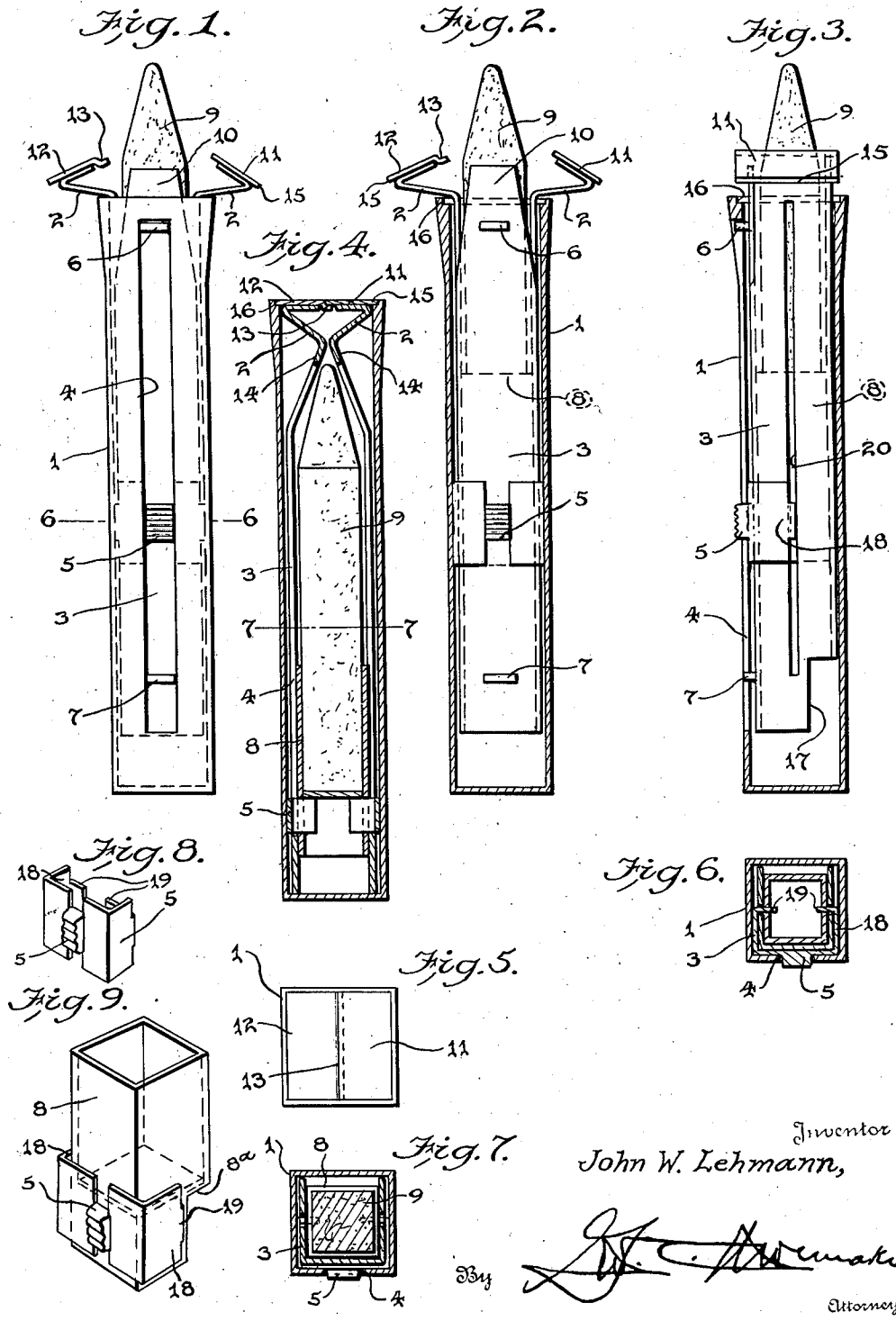
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HOLDER FOR LIPSTICKS, ETC

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HOLDER FOR LIPTICKS, ETC.

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15 Claims. (Cl. 206—56)

The invention relates to a holder for lipsticks, other substances, instruments and the like.

The object of the present invention is to improve the construction of lipstick holders and to provide a simple, practical and efficient holder of strong, durable and comparatively inexpensive construction designed for holding lipsticks and various other substances and instruments such as clinical thermometers, and capable of closing completely to form a dust-proof container and adapted to open the container before the lipstick or other substance is projected from the container so that there will be no liability of injuring the lipstick material or the like.

It is also an object of the invention to provide a holder of this character composed of few parts and adapted to be readily assembled and capable of easy operation to open and close the container and to project the lipstick or other substance and to withdraw the same within the container and close the latter.

With these and other objects in view, the invention consists in the construction and novel combination and arrangement of parts herein-after fully described, illustrated in the accompanying drawing and pointed out in the claims hereto appended, it being understood that various changes in the form, proportion and minor details of construction, within the scope of the claims, may be resorted to without departing from the spirit or sacrificing any of the advantages of the invention.

In the drawing:—

Figure 1 is a front elevation of a lipstick holder constructed in accordance with this invention and shown open with the lipstick partially projected from the container.

Fig. 2 is a longitudinal sectional view of the same.

Fig. 3 is a longitudinal sectional view of the lipstick holder taken at right angles to Fig. 2, the inner shell being shown in elevation.

Fig. 4 is a longitudinal sectional view of the lipstick holder showing the same in its closed position.

Fig. 5 is a plan view of the same.

Fig. 6 is a horizontal sectional view on the line 6—6 of Fig. 1.

Fig. 7 is a similar view on the line 7—7 of Fig. 4.

Fig. 8 is a detail perspective view of the push knob.

Fig. 9 is a similar view of the slidable lipstick support and the push knob.

In the accompanying drawing in which is illus-

trated the preferred embodiment of the invention the holder which is designed for holding a lipstick, styptic pencil, thermometer and the like, comprises in its construction a container 1 designed to be constructed of sheet metal or other suitable material and composed of front and rear walls, side walls and a bottom wall, the upper end or top of the container being open and adapted to be closed by approximately wedge-shaped closure members 2 of a shell 3 slidable within the container 1 to open and close the same. The container which has a slightly tapered top portion is rectangular in cross section and is provided at its front with a longitudinal slot 4 extending from the bottom portion of the container to the top portion thereof and having its terminal spaced from the ends of the container, as clearly illustrated in Fig. 1 of the drawing. The slot forms a guide or way and permits the movement of a push knob 5 and upper and lower stops 6 and 7. The stops 6 and 7 which are located at the upper and lower portions of the shell 3 are adapted to engage the end walls of the slot 4 to limit the sliding movement of the shell. The push knob which is connected with a socket or lipstick holder proper 8 operates between the stops 6 and 7 and the parts are timed so that the container is open before the lipstick is projected beyond the container whereby all liability of damaging the lipstick through contact with the closure members is eliminated.

In the inward or downward movement of the lipstick the push knob engages the lower stop 7 and automatically closes the container after the lipstick has been withdrawn into the same.

The upper stop limits the upward or outward movement of the shell and the lower stop positively insures the downward movement of the shell to close the container. The lower stop and the push knob are moved upwardly together in the opening movement of the lipstick holder and as soon as the closure members are disengaged from the side walls of the container the substantially wedge-shaped closure members will spring outwardly and open the container prior to the projection of the lipstick.

The shell is approximately U-shaped in cross-section, being composed of spaced side walls and a connecting front wall which forms a closure for the slot in the front wall of the container so that the container when not in use is entirely closed at the front, sides, back and lower end wall for excluding the dust and rendering the lipstick holder entirely dust-proof. The shell is

split at its corners at the top and the upper portion 10 of the front wall is tapered and the upper portions of the side walls are resilient and carry the wedge-shaped closure members which in the form of the invention disclosed consists of inclined wedge forming portions and upper horizontal closure portions 11 and 12 which overlap. The horizontal portion 12 is provided with a groove or recess 13 to receive the free terminal edge of the closure portion 11 which may be straight, as shown or be of any other desired form to fit the groove or recess 13 preferably formed by depressing the free edge of the closure portion 12.

Also instead of having the closure portions 11 and 12 straight and substantially horizontal as shown they may be of any other desired form to provide a closure of the desired formation. The tapered portion 10 of the shell provides sufficient space between it and the resilient upper portions 14 of the side walls of the shell to permit the required inward movement in the closing operation of the device.

The wedge-shaped closure members are provided at their angle with projecting edges 15 which are adapted to engage slightly concave grooves or portions 16 of the side walls of the container in order to enable the resilient or spring closure members to operate as catches for holding the shell in its closed position. This construction will also permit the closure members to be readily released from such engagement by slight outward pressure. The lower stop and the push knob are moved by the thumb or finger and as soon as the catches 15 are disengaged from the side walls of the container the closure members will automatically snap open so that the lipstick may be freely moved outwardly without danger of damaging the lipstick through contact with the closure members. Also in the downward or inward movement of the shell the closure members are automatically moved to their closed position without the flexing or bending of the major portion of the side walls of the shell as only the resilient upper portions spring inwardly and outwardly.

The shell affords a complete closure for the slot in the front of the container and at the same time provides the resilient or spring actuated closure members which automatically open and close with a relatively small sliding movement of the shell.

The side walls of the shell are cut away at the back at the lower end of the shell at 17 to form recesses which permit the shell 3, the socket 8 and the lipstick to be introduced into the container as a unit in assembling the parts of the holder.

The socket or holder 8 which constitutes a support receives the lipstick 9 and is preferably rectangular in cross section, being composed of front, rear and side walls and a bottom. The front and side walls are extended below the bottom of the holder 8 and the side walls are cut away at the back at 8^a to form recesses similar to the recesses formed by the cut away portion of the side walls of the shell so as not to interfere with the assembling of the parts of the device. The holder 8 is slidable within the shell to project the lipstick from the container and to withdraw it in the container and it is connected with the push knob 5 by means of substantially U-shaped arms 18 constructed of sheet metal or other suitable material and partially embracing the side walls of the shell and having their ter-

minal portions 19 extended inwardly through slots 20 in the side walls of the shell and suitably secured to the socket or lipstick holder proper 8.

The terminal portions 19 of the arms 18 are relatively narrow and the said arms 18 between the terminal portions 19 and the push knob 5 are extended upwardly and downwardly and form resilient members for frictionally engaging the shell, so that when the push knob 5 is moved upwardly to open the container the resilient members of the arms 18 will frictionally engage the shell and will move the latter upwardly and cause the closure portions of the shell to open automatically. The push knob 5 which is preferably provided with a serrated front face is approximately rectangular in cross section and extends entirely across the slot. The arms 18 which may be secured to or formed integral with the push knob have their major portions lying between the walls of the shell and the walls of the container. The shell 3, the socket 8 and the push knob with its arms 18 are adapted to be assembled as a unit and may be readily inserted in the container after assembly by a slight tilting movement of the shell permitted by the cutaway portion 17 to enable the push knob to be readily introduced into the slot.

The metal at the top of the slot 4 is resilient. The upper stop 6 is carried by the tapered portion 10 of the shell and the resiliency of the tapered portion permits the upper stop to be readily depressed to enable the upper stop to be easily and quickly introduced into the slot 4.

What is claimed is:

1. A holder of the class described comprising a container open at the top and having front, rear, side and bottom walls and provided at its front wall with a longitudinal slot, a shell slidable in the container and provided with automatically operating closure members for closing the top of the container, a support slidable in the shell and movable upwardly and downwardly to project an article supported by it through the open end of the container and to withdraw the said article into the container, and a push knob operating in the slot of the container and having side portions receiving the shell and connected with the support.

2. A holder of the class described comprising a container open at the top and having front, rear, side and bottom walls and provided at its front wall with a longitudinal slot, a shell slidable in the container and provided with automatically operating closure members for closing the top of the container, a support slidable in the shell and movable upwardly and downwardly to project an article supported by it through the open end of the container and to withdraw the said article into the container, and spaced stops carried by the shell and operating in the slot for limiting the upward and downward movement of the shell.

3. A holder of the class described comprising a container open at the top and having front, rear, side and bottom walls and provided at its front wall with a longitudinal slot, a shell slidable in the container and provided with automatically operating closure members for closing the top of the container, a support slidable in the shell and movable upwardly and downwardly to project an article supported by it through the open end of the container and to withdraw the said article into the container, spaced stops carried by the shell and operating in the slot for limiting the upward and downward movement of the

shell, and a push knob also operating in the slot and located between the said stops and engageable with the same; said push knob being provided with means for connecting it with the said support for sliding the latter upwardly and downwardly.

4. A holder of the class described comprising a container open at the top and having front, rear, side and bottom walls and provided at its front wall with a longitudinal slot, a shell slidable in the container and having side walls provided with longitudinal slots, a holder slidable in the shell and a push knob operating in the said slot and provided with approximately U-shaped arms partially embracing the shell and having terminal portions extending through the slots thereof and connected with the support whereby the push knob is adapted to raise and lower the said support.

5. A holder of the class described including a container open at the top and having front, rear, side and bottom walls and provided in its front wall with a longitudinal slot, a shell slidable in the container and having spaced sides and a connecting front wall closing the slot of the container, the side walls of the shell being cut away at their lower ends at the rear portion, said sides being also provided at the top with automatically operating closure members, a support slidable in the shell, and a push knob operating in the slot of the container and having arms extending between the walls of the container and the shell and connected with the support, the said cutaway portions of the sides of the shell permitting the push knob to be introduced into the slot of the container whereby the shell and the support are adapted to be inserted in the container as a unit.

6. A holder of the class described including a container open at the top and having front, rear, side and bottom walls, a shell slidable in the container composed of spaced side walls and a connecting wall, said side walls being provided with upper resilient portions having closure members presenting inclined portions to opposite walls of the container for moving the closure members to their closed position when the shell is moved downwardly into the container, said closure members being adapted to spring outwardly automatically when the shell is moved upwardly to project it from the container, and a support slidable with the shell and independently of the same.

7. A holder of the class described including a container open at the top and having front, rear, side and bottom walls, a shell slidable in the container composed of spaced side walls and a connecting wall, said side walls being provided with upper resilient portions having approximately wedge-shaped closure members presenting inclined portions to opposite walls of the container for moving the closure members to their closed position when the shell is moved downwardly into the container, said closure members being adapted to spring outwardly automatically when the shell is moved upwardly to project it from the container and being provided with portions forming catches for engaging the said walls of the container for locking the shell within the said container and the said members in their closed position, and a support slidable on the shell.

8. A holder of the class described including a container open at the top and having front, rear, side and bottom walls, a shell slidable in the container composed of spaced side walls and a connecting wall, said side walls being provided with upper resilient portions having closure members

presenting inclined portions to opposite walls of the container for moving the closure members to their closed position when the shell is moved downwardly into the container, said closure members being adapted to spring outwardly automatically when the shell is moved upwardly to project it from the container and being provided with portions forming catches for engaging the said walls of the container for locking the shell within the said container and the said members in their closed position and being also provided with interfitting portions arranged in overlapping relation when the said members are in their closed position, and a support slidable in the shell.

9. A holder of the class described including a container open at the top and having front, rear, side and bottom walls, a shell slidable in the container composed of spaced side walls and a connecting wall, said side walls being provided with upper resilient portions having approximately wedge-shaped closure members presenting inclined portions to opposite walls of the container for moving the closure members to their closed position when the shell is moved downwardly into the container, said closure members being adapted to spring outwardly automatically when the shell is moved upwardly to project it from the container and being provided with portions forming catches for engaging the said walls of the container for locking the shell within the said container and the said members in their closed position, one of the said members being provided with a transverse groove and the other of said members having a terminal portion adapted to fit in the said groove in overlapping relation when the said members are in their closed position, and a support slidable in the shell.

10. A holder of the class described comprising a container open at the top and having a longitudinal slot, a shell slidable in the container and forming a closure for the slot and provided with automatically operable closure members for closing of the top of the container, a support slidable in the shell and movable upwardly and downwardly to project an article supported by it through the open top of the container and to withdraw the said article into the container, and a push knob operating in the slot and having arms connected with the support and provided with projecting portions forming resilient members engaging the shell and adapted to move the same upward to its open position.

11. A holder of the class described comprising a container open at the top and having a longitudinal slot, a shell slidable in the container and forming a closure for the slot and provided with automatically operable closure members for closing of the top of the container, a support slidable in the shell and movable upwardly and downwardly to project an article supported by it through the open top of the container and to withdraw the said article into the container, a push knob operating in the slot and having arms connected with the support and provided with projecting portions forming resilient members engaging the shell and adapted to move the same upward to its open position, and a stop carried by the shell and arranged in the said slot in the path of the push knob and adapted to be engaged by the latter whereby the shell is positively moved to its closed position.

12. A holder of the class described comprising a container open at the top and having a front,

rear, side and bottom walls and provided in its front wall with a longitudinal slot, a shell slidable in the container and provided with automatically operating closure members and composed
 5 of front and side walls, the side walls having their lower ends cut away at the back to form recesses, a support slidable in the shell and having front, rear and side walls and a bottom, the front and side walls being extended below the
 10 bottom and the extended portions of the side walls being cut away at the back to form recesses corresponding with the recesses in the shell, and a push knob operating in the slot and having arms connected with the support below
 15 the bottom thereof and in advance of the recesses of the same.

13. A holder of the class described comprising a container having an open end and at its open end having internal recesses forming seats, a
 20 shell slidable in the container, closure members having connection with said shell and operable thereby and provided with resilient portions having catch portions adapted to engage in said seats of the container when the closure members
 25 are closed, said closure members being adapted to spring outwardly of the container away from said seats when said shell is moved outwardly of the container, an article carrying support slidable in the container, and means
 30 whereby to slide the shell and holder.

14. A holder of the class described comprising

a container open at one end, a shell slidable in the container and provided with an automatically operable closure for the container, an article carrying support in the container which is
 5 slidable with the shell and which is also slidable independently of the shell, and a knob having portions operating through walls of the container and the shell and connected to the holder
 10 so as to slide the shell and holder together outwardly longitudinally to open said closure and to project the shell through the open end of the container and subsequently slide the holder
 15 on the shell to project the article in the holder through the open end of the container beyond the outer projected end of the shell.

15. A container of the class described comprising a casing having a longitudinal slot, a shell longitudinally movable in said casing, said shell being provided with upper resilient portions having
 20 approximately wedge shaped closure members presenting inclined portions to opposite walls of said casing for moving said closure members to their closed position when the shell
 25 is moved downwardly into the casing, said closure members being adapted to spring outwardly automatically when the shell is moved upwardly, a carrier longitudinally slidable in said casing, and means engaging said carrier and extending through said slot for actuating said carrier and said shell.

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