Jan. 19, 1932. A. L. WEIS 1,841,389

CIGARETTE HOLDER

Filed Sept. 18, 1930 2 Sheets-Sheet 1

Fig. 1

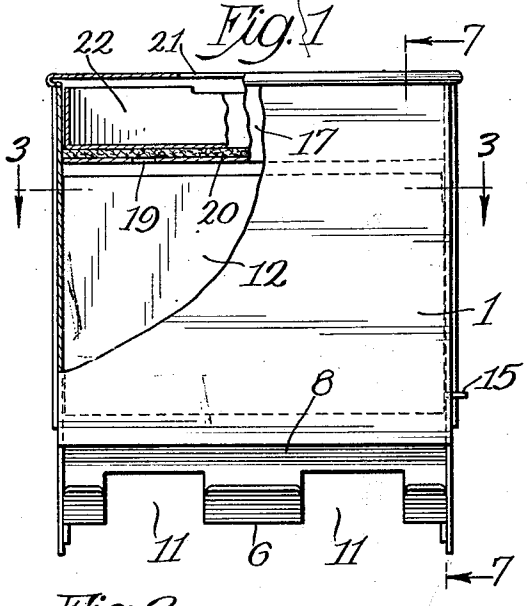


Fig. 2

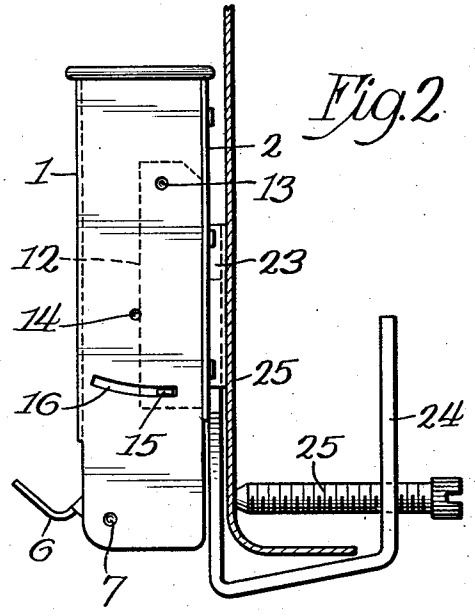


Fig. 3

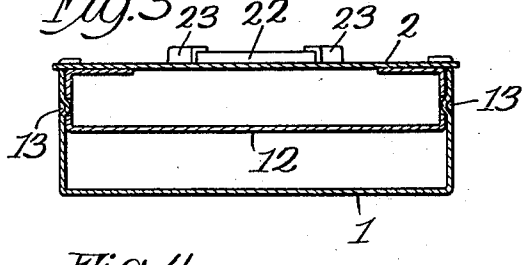


Fig. 4

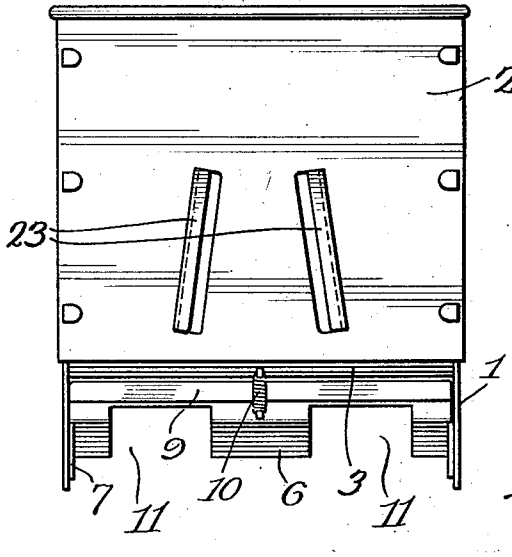
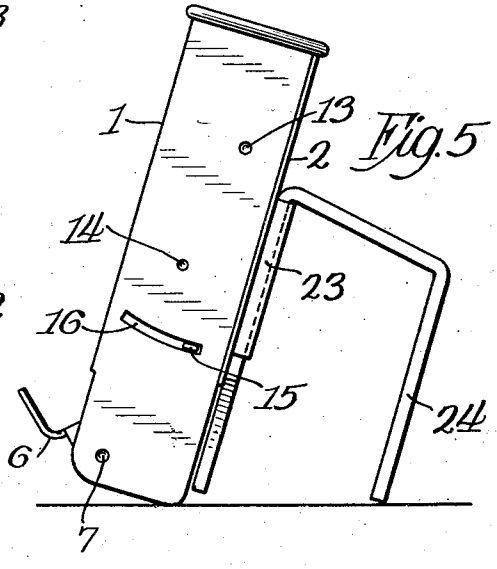


Fig. 5



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Jan. 19, 1932. A. L. WEIS 1,841,389

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Filed Sept. 18, 1930 2 Sheets-Sheet 2

Fig. 6

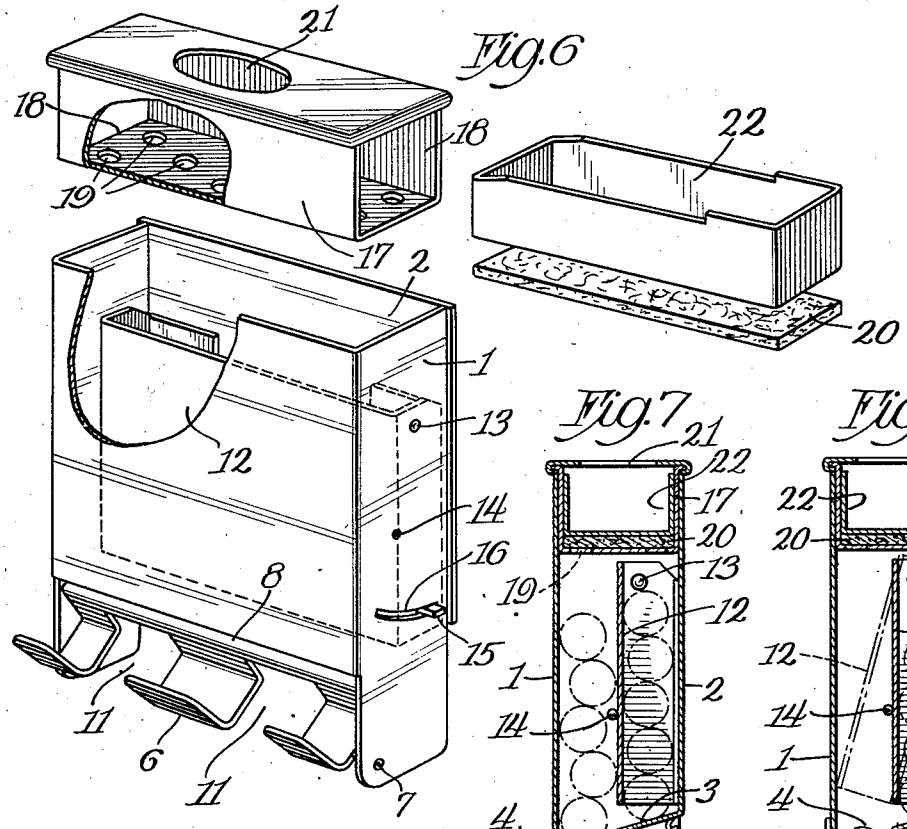


Fig. 7

Fig. 8

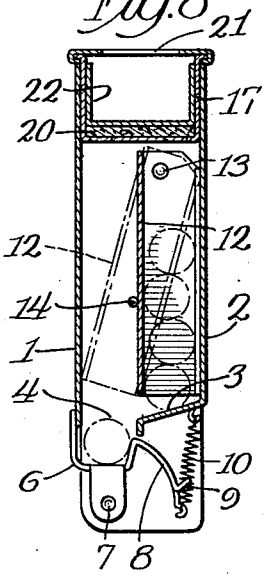
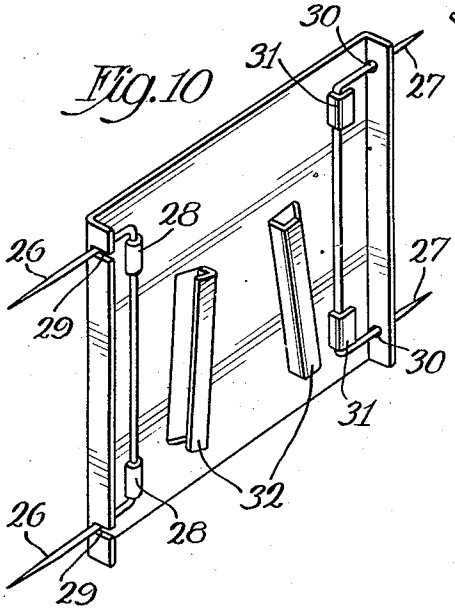


Fig. 10



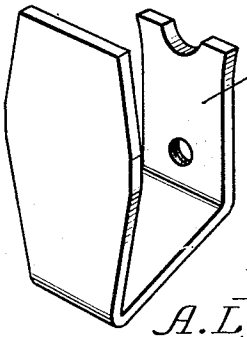


Fig. 9

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UNITED STATES PATENT OFFICE

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CIGARETTE HOLDER

Application filed September 18, 1930. Serial No. 482,773.

This invention relates to cigarette holders.

Generally stated, the object of the invention is to provide a novel and improved construction of cigarette holder, whereby the cigarettes can be discharged from the holder one at a time.

Another object is to provide a cigarette holder of this kind in which means are provided for keeping the cigarettes moist.

Another object is to provide a cigarette holder of this kind in which means are provided for receiving the ashes from the cigarettes.

It is also an object to provide certain details and features of construction and combinations tending to increase the general efficiency and the desirability of a cigarette holder of this particular character.

To the foregoing and other useful ends, the invention consists in matters hereinafter set forth and claimed and shown in the accompanying drawings in which—

Fig. 1 is a front elevation of a cigarette holder embodying the principles of the invention, showing certain portions broken away and in section, for convenience of illustration.

Fig. 2 is a side elevation of the said cigarette holder.

Fig. 3 is a horizontal section on line 3—3 of Fig. 1 of the drawings.

Fig. 4 is a rear elevation of the cigarette holder.

Fig. 5 is a view similar to Fig. 2, showing a different means for supporting the cigarette holder.

Fig. 6 is a perspective view showing the humidor and ash tray separated from the body of the cigarette holder.

Fig. 7 is a vertical section on line 7—7 in Fig. 1 of the drawings.

Fig. 8 is a similar view showing the parts in different positions.

Fig. 9 is a perspective of the bracket support shown in Fig. 2 of the drawings.

Fig. 10 is a perspective view showing a different form of support for the cigarette holder.

As thus illustrated, the invention comprises a box-like body 1, preferably of sheet metal, having an open top 2, as shown in Fig. 6 of the drawings, and provided with a bottom ledge 3 forming a discharge slot 4, and provided with downwardly extending bracket portions 5 as shown. The ejector 6 is pivoted at 7 on the portions 5, and is formed with a curved portion 8 that normally closes the slot 4 previously mentioned. The ejector is provided with a bent edge portion 9 that normally engages the down-turned edge portion of the ledge 3, as shown in Fig. 7 of the drawings. A spring 10 connects the ejector with the body of the holder, as shown, and serves normally to keep the ejector in closed position, as shown in Fig. 7 of the drawings. When the ejector is rotated about its axis, into the position shown in Fig. 8 of the drawings, a cigarette drops into the ejector, and when the latter is allowed to regain its normal position, the cigarette will lie across the openings 11 in the front trough portion of the ejector, so that the cigarette can be picked up or easily removed.

To facilitate discharge of the cigarettes from the holder, a magazine 12 is provided and pivoted at its upper end at 13 on the sides of the holder body. Dents 14 in the sides of the body engaging the sides of the magazine, serve to normally hold the magazine in upright position, and also in inclined position, as shown in Fig. 8 of the drawings. The magazine is open at top and bottom, as shown, and is provided at its lower end with a projection 15 that extends through a slot 16 in the side of the holder body. When the cigarettes in the front of the holder have all been discharged, the projection 15 can be moved along the slot 16 to move the magazine 12 into the position shown in dotted lines in Fig. 8 of the drawings. In this position the magazine is operative to discharge the cigarettes therefrom into the ejector, through the slot 4, when the ejector is operated in the manner explained.

A humidor 17, of the box-like form, with each end open at 18, is provided and adapted to fit into the top of the body 1 of the holder. This humidor has its bottom provided with perforations 19, and a pad of absorbent material 20 is placed over these openings,

after being saturated with water. The top of the humidor has an opening 21, and an ash tray 22 is formed to slide into the open end 18 of the humidor, into position to receive the ashes from the cigarettes through the opening 21 in the top of the humidor. In this way the cigarettes within the holder are kept moist, and in addition an ash tray is provided for the ashes from the cigarettes.

The cigarette holder can be supported in various ways. As shown in Figs 2 and 9 of the drawings, a bracket is provided having one up-turned end portion adapted to fit in the cleats 23 on the back of the holder body. The other end portion 24 of the bracket is provided with an adjustable set-screw 25 for engaging the rear side of the dash 25 of a motor vehicle. Or the bracket can be turned upside down, as shown in Fig. 5 and applied to the cleats 23 in the manner shown, thus forming a support whereby the cigarette holder can be placed on a table.

Again, a back plate for the body can be provided with pins 26 and 27, as shown in Fig. 10 of the drawings. The pins 26 are pivoted at 28 and are adapted to swing into and out of the slots 29 in the holder body. The pins 27 are arranged to extend through the holes 30 in the holder body, and are removable from the portions 31 on the back of the holder. Thus the pins 26 are adapted to swing about a vertically disposed axis in the bearings 28, while the pins 27 are adapted to be moved outwardly through the holes 30, until their rear ends are released through the portions 31, and these pins 27 can then be pulled backwardly out of the holes 30, in a manner that will be readily understood. These pins 26 and 27 can thus be manipulated to attach the holder to cloth, if such is desired. The parts 23 of the holder can be engaged with the ribs 32, and the holder thus supported is in position for use.

The holder could be supported by screws (not shown) inserted through the back wall 2 into the desk or other support. The ashes can obviously be removed by pulling out the tray 22, and turning it upside down, or by dumping the ashes through the opening 21 while the tray is in the humidor.

It will be seen that the forward and upper edge of the trough-like portion 6 is adapted to engage the lower front edge of the opening 4, as illustrated in Fig. 8 of the drawings, as at such time the three prongs, so to speak, formed by the notches or slot 11, are vertical, and the upper portions of these prongs rest against the front wall 1 of the box-like hollow body of the cigarette holder. In this way, the backward movement of the ejector trough 6 is positively limited, and the rear edge portion 9 then limits the forward motion of the ejector, by engagement with the rear lower edge of the discharge opening 4, in the manner shown and described. Thus the sheet metal ejector forms the exposed bottom of the holder, with space below whereby the hand can be inserted directly under this ejector, in order to raise the trough-like portion 6 and rock the ejector backward, in the manner shown and described.

What I claim as my invention is:

1. In a cigarette storage and delivering mechanism, the combination of means providing a storage chamber, a pivoted divider in said chamber, forming the contents of the chamber into successive stacks, a handle rigid with said divider and forming means for moving the divider from normal into another position to discharge the contents thereof, after the first stack has been exhausted, and for moving the divider back into normal position, and retaining means to yieldingly hold the divider in either position.

2. A cigarette holder comprising a body having its interior adapted to enclose the cigarettes in horizontal position, and an oscillatory ejector at the bottom of the holder body, movably mounted to discharge the cigarettes successively and one at a time, formed with a normally exposed protruding trough portion to hold the cigarette, which trough portion forms a handle which can be raised to receive the cigarette, operative when released to automatically return to normal position, including a magazine within the holder body, dividing the cigarettes vertically into two groups, said magazine being pivotally movable about a pivot at its upper end to swing into position to discharge one group of cigarettes into said ejector, after the cigarettes of the other group have been discharged, together with a projection on said magazine, the holder body having a curved slot for said projection, whereby the latter may be used as a handle to operate the magazine.

3. A cigarette holder comprising the combination of a hollow body having its interior adapted to enclose the cigarettes in horizontal position, and an ejector at the bottom of the holder body, said ejector forming the exposed bottom of the holder and being movably mounted to discharge the cigarettes successively, including a magazine within the holder body dividing the cigarettes vertically into two groups, said magazine being pivotally movable about a pivot at its upper end to swing into position to discharge one group of cigarettes into said ejector, after the cigarettes of the other group have been discharged, together with a lateral projection on the side of said magazine, the holder having an opening for said projection, relatively formed to permit back and forth movement of said projection therein, whereby said projection may be used as a handle to move the magazine from normal position into discharging position, and then back again to normal position, said magazine having an in-

clined stationary wall immediately below the lower end thereof, and said ejector having a cigarette-receiving trough and a group supporting curved portion, said curved portion having a stop at its inner end to engage the lower edge of said inclined wall, limiting the outward and downward movement of the trough portion, and a spring holding said trough portion in normal exposed position and holding said stop portion normally in engagement with the lower edge of said inclined wall, said curved portion being adapted to support the lower end of either group, depending upon the position of said magazine.

4. A cigarette holder comprising the combination of a body having front and back and side walls forming a chamber for the cigarettes, a divider 12 forming the cigarettes in two separate columns pivoted at its upper end at 13, a wall 3 below the divider, forming with the front wall an outlet 4 for the cigarettes, said outlet having front and rear lower edges, a sheet-metal ejector having a trough portion 6 and a curved portion 8 and a stop portion 9, pivoted on the body at 7, said stop portion 9 normally engaging said lower edge of said outlet, the front edge of said trough engaging said front lower edge when the ejector is moved backward, and a spring normally holding said stop portion 9 in engagement with the lower edge of said wall 3, said trough portion 6 forming a handle which can be raised by upward pressure to rotate the ejector into position to receive a cigarette in said trough, and said spring serving to automatically return the ejector to normal position with the cigarette in said trough, comprising a rigid handle 15 on the side of the divider, extending through an opening in the adjacent side wall of the holder.

5. A cigarette holder comprising the combination of a body having front and back and side walls forming a chamber for the cigarettes, a divider 12 forming the cigarettes in two separate columns pivoted at its upper end at 13, a wall 3 below the divider, forming with the front wall an outlet 4 for the cigarettes, said outlet having front and rear lower edges, a sheet-metal ejector having a trough portion 6 and a curved portion 8 and a stop portion 9, pivoted on the body at 7, said stop portion 9 normally engaging said lower edge of said outlet, the front edge of said trough engaging said front lower edge when the ejector is moved backward, and a spring normally holding said stop portion 9 in engagement with the lower edge of said wall 3, said trough portion 6 forming a handle which can be raised by upward pressure to rotate the ejector into position to receive a cigarette in said trough, and said spring serving to automatically return the ejector to normal position with the cigarette in said trough, comprising dents 14 in the side walls of the holder, frictionally engaging the sides of the divider, serving to hold the divider either in its normal or its discharging position.

6. A cigarette holder comprising the combination of a body having front and back and side walls forming a chamber for the cigarettes, a divider 12 forming the cigarettes in two separate columns pivoted at its upper end at 13, a wall 3 below the divider, forming with the front wall an outlet 4 for the cigarettes, said outlet having front and rear lower edges, a sheet-metal ejector having a trough portion 6 and a curved portion 8 and a stop portion 9, pivoted on the body at 7, said stop portion 9 normally engaging said lower edge of said outlet, the front edge of said trough engaging said front lower edge when the ejector is moved backward, and a spring normally holding said stop portion 9 in engagement with the lower edge of said wall 3, said trough portion 6 forming a handle which can be raised by upward pressure to rotate the ejector into position to receive a cigarette in said trough, and said spring serving to automatically return the ejector to normal position with the cigarette in said trough, said pivot 13 comprising dents in the side walls of the holder, engaging depressions in the sides of the divider, the holder body and the divider being made of sheet-metal, the divider being open at its upper and lower ends, and the body being open at its top, whereby the cigarettes may be inserted downwardly into said divider, and inserted downwardly in front of said divider, thus forming the two stacks, means for operating the divider, and means for holding the divider either in its normal or its discharging position.

7. In a cigarette storage and delivering mechanism, the combination of means providing a storage chamber, a pivoted divider in said chamber, forming the contents of the chamber into successive stacks, a handle rigid with said divider and forming means for moving the divider from normal into another position to discharge the contents thereof, after the first stack has been exhausted, and for moving the divider back into normal position, and retaining means to yieldingly hold the divider in either position, said divider comprising a rigid box-like member open at its upper end, pivoted at its upper end within the rear portion of the storage chamber, and open at its lower end to discharge its contents when swung forward into discharging position, and said retaining means frictionally engaging the side walls of said member.

8. In a cigarette storage and delivering mechanism, the combination of a box forming a housing or storage chamber for the cigarettes, a sheet-metal member formed with piv-

oted end portions, with a segmental curved portion to normally engage the lowermost cigarette, and with a front trough-like portion to receive the cigarette, when said member is raised and rotated backward, and a spring connected to the bottom of the box and the rear end of said member for holding said trough-like portion in normally exposed and protruding position, said trough-like portion forming a rigid projecting handle which can be raised by upward pressure on the bottom thereof to oscillate the sheet-metal member backward from its normal position, into receiving position, adapted when released to be returned downwardly by said spring to normal delivery position with the cigarette accessible thereon, said box having its bottom formed with a discharge opening having a lower front edge, and said trough having a front edge adapted to engage said lower edge to limit the backward motion of said member.

9. A cigarette holder comprising the combination of a hollow body having its interior adapted to enclose the cigarettes in horizontal position, and an ejector at the bottom of the holder body, said ejector forming the exposed bottom of the holder and being movably mounted to discharge the cigarettes successively, including a magazine within the holder body dividing the cigarettes vertically into two groups, said magazine being pivotally movable about a pivot at its upper end to swing into position to discharge one group of cigarettes into said ejector, after the cigarettes of the other group have been discharged, together with a lateral projection on the side of said magazine, the holder having an opening for said projection, relatively formed to permit back and forth movement of said projection therein, whereby said projection may be used as a handle to move the magazine from normal position into discharging position, and then back again to normal position.

10. A cigarette holder comprising the combination of a hollow body having its interior adapted to enclose the cigarettes in horizontal position, and an ejector at the bottom of the holder body, said ejector forming the exposed bottom of the holder and being movably mounted to discharge the cigarettes successively, including a magazine within the holder body dividing the cigarettes vertically into two groups, said magazine being pivotally movable about a pivot at its upper end to swing into position to discharge one group of cigarettes into said ejector, after the cigarettes of the other group have been discharged, together with a lateral projection on the side of said magazine, the holder having an opening for said projection, relatively formed to permit back and forth movement of said projection therein, whereby said projection may be used as a handle to move the magazine from normal position into discharging position, and then back again to normal position, comprising yielding means for holding the magazine in normal position, and also in discharging position.

11. In a cigarette storage and delivering mechanism, the combination of a box forming a housing or storage chamber for the cigarettes, having front and rear lower edges forming a discharge opening, a sheet-metal member formed with downturned pivoted end portions, with a segmental curved portion to normally engage the lowermost cigarette, and with a front trough-like portion to receive the cigarette, when said member is raised and rotated backward, said trough-like portion having a front upper edge to engage said front lower elge, thereby to limit the backward motion of said member, and a spring for holding said trough-like portion in normally exposed and protruding position, said trough-like portion forming a rigid handle normally projecting a distance beyond the front of said box, which can be raised against said front by upward pressure on the bottom thereof to oscillate the sheet-metal member backward from its normal position, into receiving position, adapted when released to be returned downwardly by said spring to normal delivery position with the cigarette accessible thereon, said trough-like portion having one or more transverse slots extending across the bottom thereof whereby removal of the cigarettes by the fingers is facilitated.

12. A cigarette holder comprising the combination of a body having front and back and side walls forming a chamber for the cigarettes, a divider retaining the cigarettes in two separate columns pivoted at its upper end, a sloping wall below the divider, forming with the front wall an outlet for the cigarettes, a sheet-metal ejector having a trough portion and a curved portion and a stop portion, pivoted on the body, said stop portion normally engaging the lower edge of said sloping wall, and a spring normally holding said stop portion in engagement with the lower edge of said wall, said trough portion forming a handle which can be raised by upward pressure to rotate the ejector into position to receive a cigarette in said trough, said trough portion having a front edge for engaging the lower edge of said front wall to limit the upward motion thereof, and said spring serving to automatically return the ejector to normal position with the cigarette in said trough.

Specification signed this eighth day of September, 1930.

ANDREW L. WEIS.