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J. L. LEVENBERG ET AL

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SMOKING STAND

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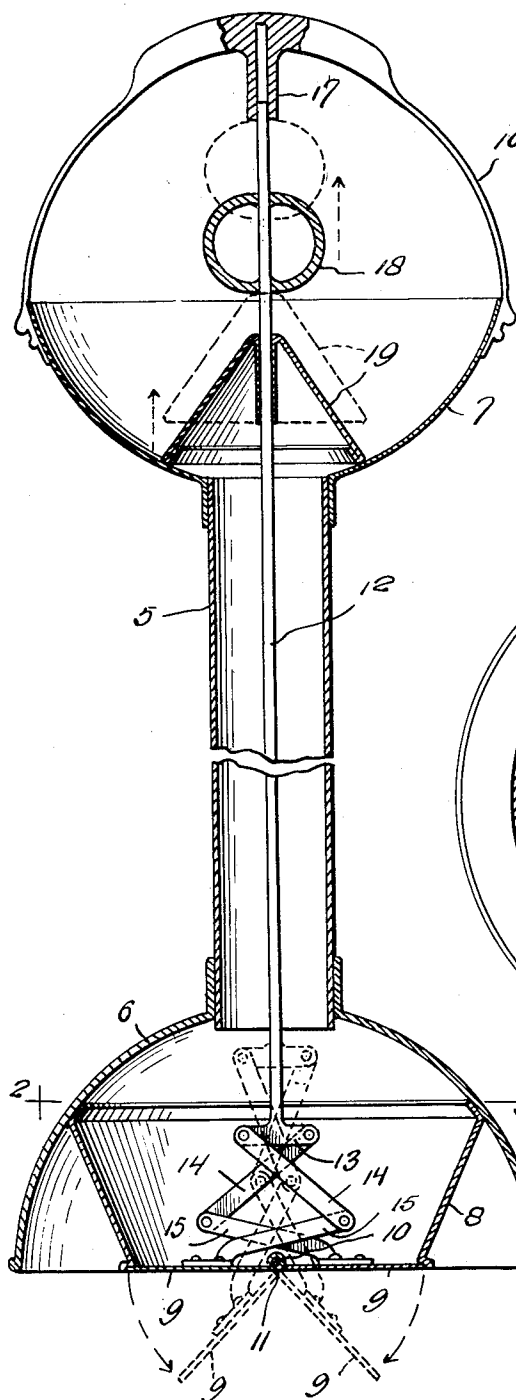
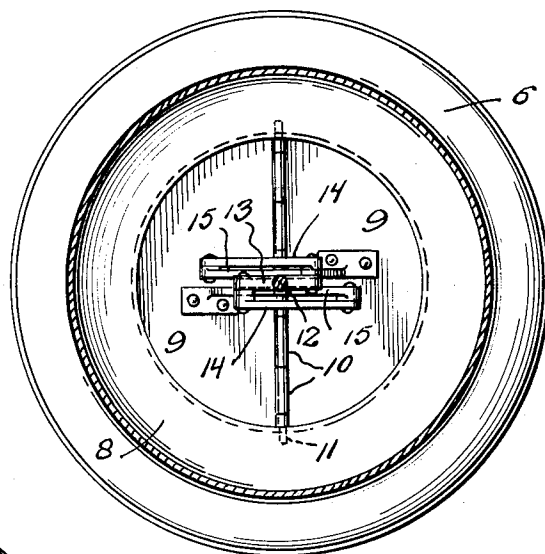


Fig. 1.

Fig. 2.



Joseph L. Levenberg,
Henry M. Seeborg,
INVENTORS

BY *Stanley Knick*
ATTORNEY.

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SMOKING STAND

Joseph L. Levenberg and Henry M. Seeborg,
Los Angeles, Calif.

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7 Claims. (Cl. 131—51)

This invention relates to improvements in smoking stands of that type comprising a hollow standard having a hollow base containing a collecting receptacle for ashes, and burned matches, cigars and cigarettes, a tray mounted on top of the standard for temporarily receiving the ashes, etc., and communicating with the standard to permit discharge of the ashes, etc., from the tray through said standard into the collection receptacle within the base, and a valve normally closing communication between the tray and the standard and manually operable to open such communication, whereby the discharge of ashes, etc., from the tray to the collection receptacle may be effected at will.

An object of the present invention is to provide a smoking stand of the above kind wherein the ash-collection receptacle within the base is provided with a bottom discharge opening normally closed by hinged shutters, and whereby improved means is provided for operating the shutters from a point adjacent the top of the stand so that the shutters may be opened for conveniently emptying the ash-collection receptacle when desired.

A further object of the invention is to provide a smoking stand of the above character which is simple and durable in construction, of maximum convenience to smokers, and slightly in appearance.

Other objects and features of the invention will become apparent from the following description when considered in connection with the accompanying drawing, in which:

Figure 1 is a central vertical sectional view of a smoking stand constructed in accordance with the present invention, partly broken away; and

Figure 2 is a horizontal section on line 2—2 of Figure 1.

Referring more in detail to the drawing, the present invention includes an elongated hollow standard 5 having a hollow base 6 at its lower end and an ash tray 7 at its upper end, the standard 5 opening at its ends through the top of the base 6 and through the bottom of the tray 7 so that the three are in communication. A collection receptacle 8 is mounted within the base 6 to receive the ashes, etc., discharge from the tray 7 through the standard 5, and this ash-collection receptacle 8 is provided with a bottom discharge opening normally closed by hinged shutters 9 which have interfitting hinge barrels 10 at their adjacent edges pivotally engaged with

a hinge pin 11 mounted diametrically of the bottom discharge opening of receptacle 8.

Vertically movable through the standard 5 is an operating rod 12 that extends upwardly through and above the tray 7, and which has its lower end operatively connected to the shutters 9 for simultaneously swinging the latter downwardly to an open position as indicated by dotted lines in Figure 1, when the rod 12 is pulled upwardly. The operative connection between the lower end of rod 12 and shutters 9 consists of a cross bar 13 rigid with the lower end of rod 12 and having crossed links 14 hinged at their upper ends to the respective ends thereof, crossed arms 15 being rigid with and projecting upwardly from the respective shutters 9, and each having the lower end of a different one of the links 14 hinged to the upper end thereof. It will be seen that by lowering the rod 12, the links 14 will be lowered to operate the arms 15 and thereby close the shutters 9.

The tray 7 is provided with a bowed handle 16 by means of which the stand may be conveniently lifted and carried from place to place, and the intermediate portion of the handle 16 has a depending hollow boss 17 in which the upper end of the operating rod 12 is slidably guided, and by means of which said rod has its upper end portion constantly maintained axially of the standard 5 and tray 7. Above the tray 7 and beneath the handle 16, the rod 12 has a small double loop handle 18 by means of which the rod 12 may be conveniently lifted by engagement of two fingers in said handle 18.

Slidably mounted on the operating rod 12 within and above the bottom of tray 7 is a conical hollow valve 19 adapted to normally lower by gravity and normally close communication between the tray 7 and standard 5. The valve 19 permits use of the tray 7 as a temporary support for cigars and cigarettes, without danger of the same falling from the tray 7 through standard 5 into receptacle 8. However, any ashes temporarily collected in the tray 7 may be discharged when desired from said tray through standard 5 into receptacle 8 by manually lifting the valve 19 so as to open communication between tray 7 and standard 5.

It will be noted that when the handle 16 is grasped by one hand to lift the stand, two fingers of that hand may be readily engaged in the handle 18 for pulling the rod 12 upwardly and opening the shutters 9 so as to discharge the contents of receptacle 8. By forcing the handle 18 downwardly, the shutters 9 will be returned to

their closed position, and the stand may be readily set upon the floor for further use.

It will thus be seen that we have provided a very simple and efficient smoking stand which may be cheaply manufactured, which will afford great convenience to smokers, and which is slightly in appearance. It will further be noted that although the embodiment of the invention illustrated is at present preferred, minor changes may be made in the details of construction and form of parts shown and described, without departing from the spirit of the invention as claimed.

What we claim as new is:

1. A smoking stand comprising a hollow standard having a hollow base at the lower end thereof and an ash tray at the upper end thereof, the standard communicating with the base through the top of the latter and with the tray through the bottom of the same, a collection receptacle within the base having a bottom discharge opening, closure means for said discharge opening, an operating rod extending axially through the standard and operable from a point above the ash tray for opening said closure means, and a valve slidable on the operating rod and normally lowered by gravity to close communication between the ash tray and the standard.

2. A smoking stand comprising a hollow standard, having a hollow base at its lower end and an ash tray at its upper end, said ash tray having a bowed handle provided with a central depending hollow boss, an ash-collection receptacle within the base provided with a bottom discharge opening, closure means for said discharge opening, and an operating rod for said closure means extending upwardly through the standard and slidably engaged at its upper end in said hollow boss of the tray handle.

3. A smoking stand comprising a hollow standard having a hollow base at its lower end and an ash tray at its upper end, said ash tray having a bowed handle provided with a central depending hollow boss, an ash-collection receptacle within the base provided with a bottom discharge opening, closure means for said discharge opening, and an operating rod for said closure means extending upwardly through the standard and slidably engaged at its upper end in said hollow boss of the tray handle, a valve slidably mounted on the operating rod within the tray and normally lowered by gravity to close communication between the tray and the standard.

4. A smoking stand comprising a hollow standard having a hollow base at its lower end and an ash tray at its upper end, said ash tray having a bowed handle provided with a central depending hollow boss, an ash-collection receptacle within the base provided with a bottom discharge opening, closure means for said discharge opening, an operating rod for said closure means extending upwardly through the standard and slidably engaged at its upper end in said hollow boss of the tray handle, a valve slidably mounted on the operating rod within the tray and normally lowered by gravity to close communication between the tray and the standard, and a relatively small double loop handle on the upper end portion of the operating rod between the

handle of the tray and the valve for closing communication between the tray and the standard.

5. A smoking stand comprising a hollow standard having a hollow base at the lower end thereof and an ash tray at the upper end thereof, a collection receptacle within said base having a bottom discharge opening, a hinge pin mounted diametrically of said discharge opening, a pair of shutters normally closing the discharge opening and hinged at adjacent edges upon said hinge pin to swing downwardly to an open position, an operating rod extending upwardly through the standard and the ash tray and provided with a rigid cross bar at its lower end, upwardly extending crossed arms carried by the respective shutters, and cross links pivotally connecting the respective ends of the cross bar with the upper ends of the respective arms of the shutters.

6. A smoking stand comprising a hollow standard having a hollow base at the lower end thereof and an ash tray at the upper end thereof, an ash-collection receptacle within said base having a bottom discharge opening, a hinge pin mounted diametrically of said discharge opening, a pair of shutters normally closing the discharge opening and hinged at adjacent edges upon said hinge pin to swing downwardly to an open position, an operating rod extending upwardly through the standard and the ash tray and provided with a rigid cross bar at its lower end, upwardly extending crossed arms carried by the respective shutters, cross links pivotally connecting the respective ends of the cross bar with the upper ends of the respective arms of the shutters, a bowed handle for said ash tray having a central depending hollow boss, the upper end of said operating rod being slidably guided in said hollow boss, and a handle on the operating rod between the ash tray and the handle of said ash tray.

7. A smoking stand comprising a hollow standard having a hollow base at the lower end thereof and an ash tray at the upper end thereof, an ash-collection receptacle within said base having a bottom discharge opening, a hinge pin mounted diametrically of said discharge opening, a pair of shutters normally closing the discharge opening and hinged at adjacent edges upon said hinge pin to swing downwardly to an open position, an operating rod extending upwardly through the standard and the ash tray and provided with a cross bar at its lower end, upwardly extending crossed arms carried by the respective shutters, cross links pivotally connecting the respective ends of the cross bar with the upper ends of the respective arms of the shutters, a bowed handle for said ash tray having a central depending hollow boss, the upper end of said operating rod being slidably guided in said hollow boss, a handle on the operating rod between the ash tray and the handle of said ash tray, and a conical hollow valve slidably mounted on the operating rod beneath the handle of the latter for normally closing communication between the tray and the standard.

JOSEPH L. LEVENBERG.
HENRY M. SEEBERG.