Dec. 8, 1936. W. J. CAMPBELL 2,063,581

SMOKING STAND

Original Filed Nov. 16, 1934

Fig. 1.

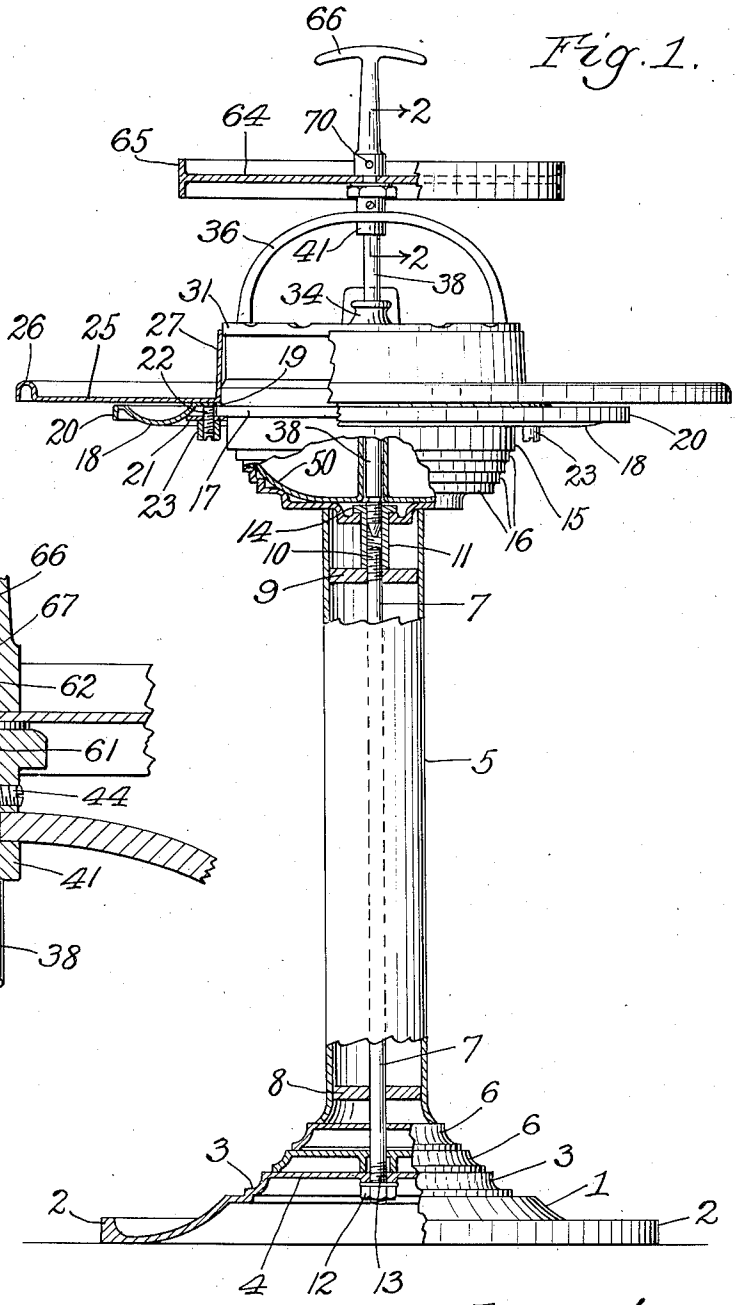
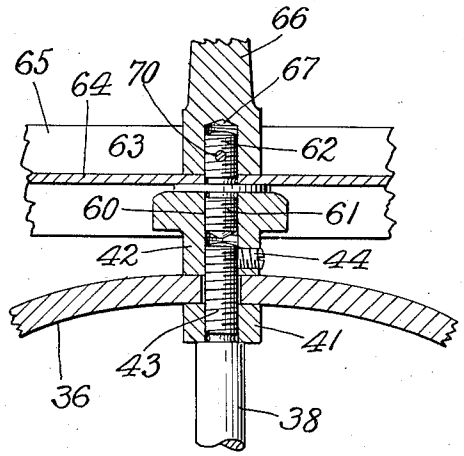



Fig. 2.




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# UNITED STATES PATENT OFFICE

2,063,581

## SMOKING STAND

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Original application November 16, 1934, Serial No. 753,260, now Patent 2,000,920. Divided and this application May 10, 1935, Serial No. 20,720

2 Claims. (Cl. 131—51)

The present application is a division of my copending application 753,260, filed November 16, 1934, now matured into patent 2,000,920.

My invention relates to an improvement in stands, for example, in smoking stands. One object is the provision of a smoking stand which shall be efficient in use and stable, long lived, and difficult to break or tip over. Another object is the provision of means for supporting simultaneously a plurality of trays upon a smoking stand. Other objects will appear from time to time in the course of the specification and claims.

I illustrate my invention more or less diagrammatically in the accompanying drawing, wherein—

Figure 1 is a side elevation with parts in section; and

Figure 2 is a section on an enlarged scale, through lines 2—2 of Figure 1.

Like parts are indicated by like symbols throughout the specification and drawing.

Referring to the drawing, 1 generally indicates a base which may include a heavy circumferential ridge 2, and an upstanding central portion or boss 3, closed by a top partition or wall 4. 5 generally indicates an upstanding support, herein shown, for purposes of illustration, as a single column, although more than one may be used. 6 indicates intermediate holding members, which may be separately positioned and are here shown as separate elements, but which may be formed integrally with a central column 5. 7 indicates a compression member in the form of a long bolt which is shown as aligned in perforated discs, 8, 9, one position being shown at the bottom and the other at the top of the member 5. The upper end of the member 7 is screw threaded as at 10 to conform to the screw threads of a locking sleeve 11 which bears against the upper surface of the disc 9. 12 is a locking nut upon the lower screw threading 13 at the bottom of the member 7, whereby the entire assembly may be locked firmly together. It will be observed that the upper end of the locking sleeve 11 is provided with a flange 14. The flanged sleeve passes through an aperture in a housing 15 and when the nut 12 is tightened up the bottom of this housing 15 is drawn down against the top of the central column 5 in such fashion that all the parts are solidly held together, the parts being centered by the fit of the rod or bolt 7 with the discs 8, 9.

The member 15 is provided with a plurality of circumferential ridges and angles 16 the purpose of which is primarily ornamental but which also serves to strengthen or reinforce the housing. A main upper circumferential flange 17 is employed which has the important function of acting as a tray support. 18 indicates a small tray having a central generally flat inner portion 19 and an outer downwardly turned flange 20. As the tray 18 is formed with an upwardly concave trough, as will be clear from Figure 1, its form is such as to prevent ready bending. The circumferential flange 20 serves as a species of reinforcement. The upward depression is convenient for receiving articles, cigarettes and the like, and keeping them from rolling off. The tray member 18 may be locked against the upper face of the flange 17, as by clamps or clips 21 through which may pass the lower portions of the bolts 22, the locking nuts 23 engaging the lower face of the locking clamps or clips. The heads of the bolts may pass through appropriate apertures in the flange 19 of the tray 18.

Resting upon the tray 18, or, if that tray is removed, upon the upper face of the flange 17, is a main tray structure 25, which includes also a surrounding upwardly and downwardly extending flange 26 and an inner collar 27. The flange 26 and the collar 27 serve as reinforcements for the flat tray 25, preventing its ready bending or deformation. The collar 27 is shown as extending upwardly a substantial distance, its upper edge abutting against the outer ring 31. This is advantageous as preventing tilting of the tray in relation to the stand. A very substantial weight may be placed upon one edge of the tray, without affecting the stability of the tray. In order to remove the tray it is necessary to lift it directly upwardly. In fact, it is practically impossible to remove the tray unless the tray is carefully lifted in horizontal position. This eliminates the tendency to spill articles upon the tray either by an unintended pressure downwardly at one end of the tray at one edge thereof or by a careless lifting of the tray in a non-horizontal position.

36 is a handle, herein shown as generally arcuate, which is secured in any suitable manner to the smoking stand. Any suitable guide pin 38 may extend downwardly from the handle to serve as a guide for any suitable closure 34 for the ash-receiving portion 50 of the smoking stand. The guide 38 may terminate in a lower sleeve 41 through which passes a screw threaded portion 43 of the guide 38. Secured on the screw threaded portion, above the handle 36, is the upper locking member 42, which may be locked in position as by the small screw 44. A hole may be tapped, as at 60, in the top of the knob or locking member 42.

This may be penetrated by a screw threaded tap 61, with an upwardly extending, screwthreaded or snug fitting portion 62 and an intermediate spacing or positioning disc 63. 64 generally indicates a tray with a circumferential flange 65 and a handle 66. The handle 66 is provided also with a snug fitting aperture 67 conforming to the upper member 62.

It will be realized that whereas I have described and shown a practical and operative device, nevertheless many changes may be made in the size, shape, number and disposition of parts without departing from the spirit of my invention. I therefore wish my description and drawing to be taken as in a broad sense illustrative and diagrammatic rather than as limiting me to my specific showing.

The use and operation of my invention are as follows:

In the use of my device the smoking stand proper has an exceedingly efficient means for permitting the ready cleaning or dumping of the container 50, while preventing the escape of smoke or vapor during use. The stand may also be used to serve food and drinks. For example, the lower tray 25, which is readily removable, may be employed for glasses and drinks. The upper tray 64 may be employed for sandwiches and the like, or the two uses may be reversed. A number of separate trays may be employed with a single stand, so that the user can remove one tray 25, with empty bottles and used glasses and immediately replace it with a fresh tray with new glasses, bottles and the like upon it. The supplemental tray 18 may be employed or removed at will. It may be useful as a temporary receptacle when the tray 25 has been removed. Or the device may be employed without any trays, or with any single one of the above mentioned three trays or any combination thereof.

It will be understood that the member 62 may be screwthreaded or not, as desired. A pin 70 may be provided to serve as additional locking means, for preventing unintended withdrawal of the upper tray, or any other practical means may be employed for securing the tray 64 against unintended movement.

I claim:

1. In a smoking stand including a base, an upstanding member mounted upon the base, a horizontally disposed annular shelf carried by the upstanding member, said shelf being generally trough-shaped in cross-section and designed to receive and retain cigarettes, ashes and the like, and a cover for said trough in the form of a removable tray member adapted to be supported on the shelf, said tray having a generally flat, horizontal supporting surface overlying said trough and normally exposed for the support of a glass or like article thereon.

2. In a smoking stand including a base, an upstanding member mounted upon the base, a horizontally disposed annular shelf carried by the upstanding member, said shelf being generally trough-shaped in cross-section and designed to receive and retain cigarettes, ashes and the like, and a cover for said trough in the form of a removable tray member adapted to be supported on the shelf, said tray having a generally flat, horizontal supporting surface overlying said trough, said removable tray and said upstanding member being provided with cooperating flanges for the purpose of centering said tray with respect to the upstanding member and prevent tilting of the tray on the shelf, said tray being normally exposed for the support of a glass or like article thereon.

WILLIAM J. CAMPBELL.