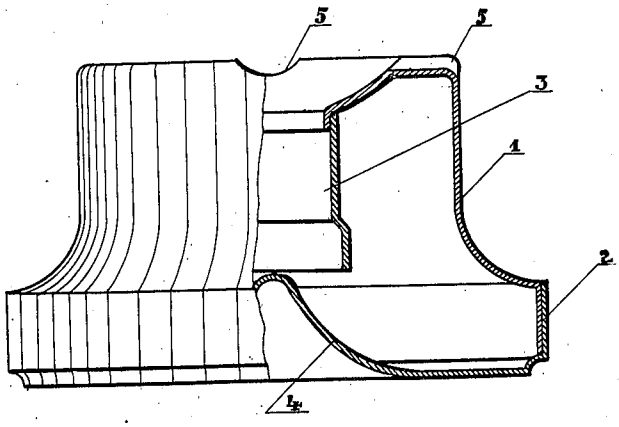
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ASH TRAY OR SMOKER'S STAND

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ASH TRAY OR SMOKER'S STAND

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This invention relates to an improved ash-tray or smoker's stand and has for its object to prevent the smoke of burning cigarette-ends, cigar-ends or burning tobacco, which are dropped into the said tray or stand, to escape into the open.

According to the present invention, the ash-tray or smoker's stand comprises a receptacle closed at all sides and into which extends a tubular member through which are dropped the burning débris, the walls of the said member and the walls of the receptacle forming a jacket which is closed at the top, and a baffle-plate disposed underneath the said tubular member for removing the débris, dropped into the tray or stand, out of the range of the said member, so that the rising smoke is collected in the said jacket.

One mode of carrying out the present invention is illustrated in part-sectional elevation on the accompanying drawing.

The receptacle, which is completely closed, consists of two hood-shaped members 1 and 2, pushed into each other, the top wall of the member 1 being furnished with a flanged opening for dropping-in the burning ends of cigars or cigarettes or burning tobacco. A tubular member of substantially uniform cross section 3 is secured to the flange surrounding the said opening and extends into the interior of the receptacle. A jacket is formed in this manner around the tubular member 3, which is bounded by the outer wall of the latter and by the inner wall of the member 1 of the receptacle.

A conically-shaped baffle member 4 is arranged underneath the bottom end of the tubular member 3 and serves for laterally deflecting or removing the burning débris, dropped into the receptacle, out of the range of the passage of the tubular member 3, so that the said débris are collected in the receptacle at a place, which lies underneath the jacket bounded by the member 3 and the inner wall of the member 1. Thus the smoke, rising vertically from the burning débris, is collected in the said jacket and cannot escape into the open by way of the tubular member 3.

It will be noted that the conical baffle shaped base member 4 terminates at its highest point at a point below, or on a level with the lower mouth of the tubular member 3. This construction prevents the clogging of the receptacle which would occur if this cone shaped member projected into the tubular member.

It will also be noted that the relative position of the tubular member and conical base is such that the vertical projection of the tubular member falls upon the inclined surface of the base, so that it will be impossible for smoky matter introduced into the receptacle to fall directly beneath the mouth of the tubular member and allow smoke to escape therethrough.

The jacket is of such size, that the accumulated smoke is cooled and condensed. Depressions 5 in the top wall of the receptacle serve for depositing cigars and the like.

The present invention is, of course, not limited to the illustrated embodiment. For instance the tubular member for the insertion of the burning débris may be disposed at any desired place of the receptacle, for instance laterally. The deflecting or baffle member may be formed by any conveniently shaped baffle plate or by a number of such plates, which are displaced with respect to one another. The baffle plates may be formed either by suitably shaping the walls of the receptacle or by a separate baffle member disposed in the ash-tray.

I claim—

In an ash tray, a bowl, an upward projection approximately in the center of the bottom of said bowl, said projection flaring downwardly and outwardly toward the sides of said bowl, a cover for said bowl, said cover having a hole approximately in the center

thereof, a substantially cylindrical tube attached to said cover and articulated with said hole, said cylindrical tube extending substantially vertically downward into close proximity with said projection in the bottom of said bowl, said cylindrical tube being of such dimensions that a cylindrical projection of said tube strikes the downwardly flaring sides of said projection in the bottom of said bowl.

In testimony whereof I affix my signature.

OTTO REICH.