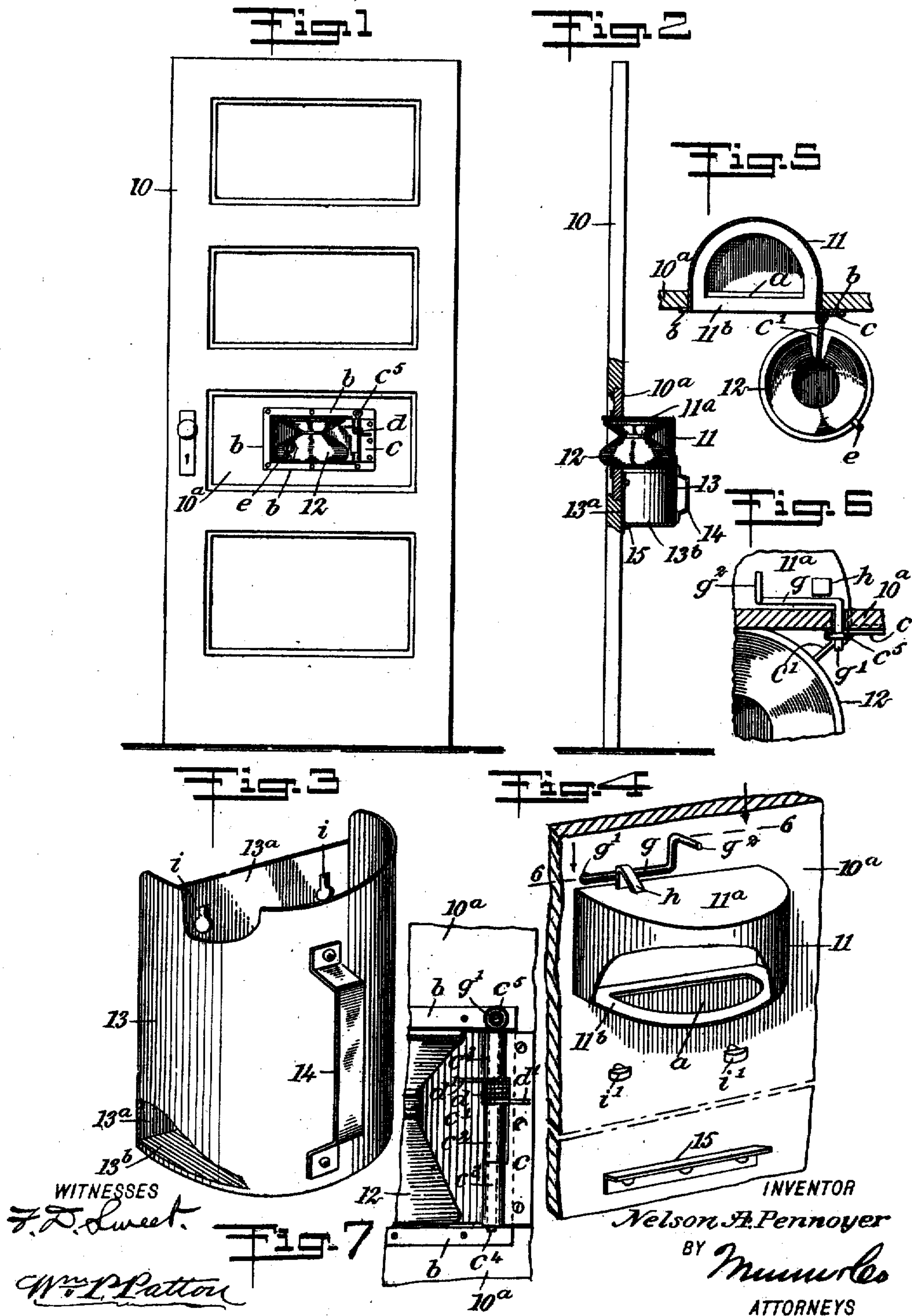


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COMBINED CUSPIDOR AND RUBBISH RECEPTACLE
APPLICATION FILED JUNE 20, 1908.

923,883.

Patented June 8, 1909.



UNITED STATES PATENT OFFICE.

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COMBINED CUSPIDOR AND RUBBISH-RECEPTACLE.

No. 923,883.

Specification of Letters Patent.

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Application filed June 20, 1908. Serial No. 439,541.

To all whom it may concern:

Be it known that I, NELSON ALONZO PENNOYER, a citizen of the United States, and a resident of Kenosha, in the county of Kenosha and State of Wisconsin, have invented a new and Improved Combined Cuspidor and Rubbish-Receptacle, of which the following is a full, clear, and exact description.

The purpose of my invention is to provide novel details of construction for a combined cuspidor and rubbish receptacle, which enables the sanitary collection of sputum and rubbish separately, in public buildings, railway cars, or in public toilet-rooms, where doors or partitions of such places may be utilized for supporting the improvement conveniently accessible for general use.

The invention consists in the novel construction and combination of parts, as is hereinafter described and defined in the appended claims.

Reference is to be had to the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views.

Figure 1 is a side view of the device mounted upon a door, a portion thereof being supported on the opposite side of the door; Fig. 2 is a vertical partly sectional edge view of a door, and a partly sectional side view of the combined cuspidor and rubbish holder mounted thereupon; Fig. 3 is an enlarged detached perspective view, showing the rubbish receptacle; Fig. 4 is an enlarged side view in part of a door or partition, and an enlarged perspective view of a cuspidor holder box, showing means for securing the cuspidor against removal therefrom, and also means for the connection of a rubbish receptacle with the cuspidor holder box; Fig. 5 is an enlarged partly sectional plan view of the cuspidor holder box, and a top view of a cuspidor secured thereto; Fig. 6 is a partly sectional plan view of details taken substantially on the line 6—6 in Fig. 4, showing novel means for detachably securing the cuspidor hinged upon a supporting door or upright wall; and Fig. 7 is an enlarged side view of a portion of a door or wall, a portion of a cuspidor, and a separable, spring-actuated hinge which detachably connects the cuspidor with the door or wall.

In the drawings, 10 indicates a door that may be a closure for a doorway into a toilet-room, and is shown without a casement for the purpose of illustrating the application of

the improvement to a suitable support. In a panel 10^a of the door 10, and which is a proper distance above the floor of the room having the door, an oblong rectangular aperture is formed transversely of the door, as best shown in Fig. 1, said aperture receiving a holder box that is a detail of the invention. The holder box is preferably formed of plate metal, having its body rendered semi-cylindrical as shown at 11, a top wall 11^a, and a bottom wall 11^b, having their curved edges affixed respectively upon the upper and lower edges of the body portion, thus disposing these flat walls parallel with each other, the bottom wall 11^b having an aperture *a* therein, the use of which will hereinafter appear. Upon the edges of the body and top and bottom walls, similar flanges *b* are bent outwardly thereon at a right angle, and when the body portion 11 is inserted through the aperture in the panel 10^a, said flanges will have a flat seated engagement with the surface of the panel whereon they are secured by screws or other means.

The cuspidor 12 that loosely fits into the holder box or body 11, may have the conventional form shown, and is preferably rendered non-oxidating by plating the metal body thereof. A detachable connection is provided for the cuspidor with the door panel 10^a, preferably constructed as shown in the form of a hinge having detachable leaves *c* and *c'*. On the leaves *c*, *c'* pintle sleeves *c*², *c*³ are respectively formed, that are loosely connected together by a pintle *c*⁴ the cylindrical body of which terminates at the normally upper end thereof in a ring *c*⁵, said pintle being insertible down through the sleeves *c*², *c*³ when they are axially alined, as represented in Figs. 1 and 7. One hinge leaf *c* that is provided with a central sleeve *c*² is secured upon the panel 10^a with screws or the like, and the remaining leaf *c'* which is marginally shaped to fit upon the exterior surface of the cuspidor 12 is thereon secured, so that the pair of pintle sleeves *c*³ will project far enough away from the cuspidor to permit them to be connected with the sleeve *c*², as is clearly shown in Fig. 7.

A coiled spring *d* mounted upon the pintle *c*⁴, between the sleeves *c*², *c*³, having considerable strength, is provided with integral extensions *d'* at its ends, these extensions or arms respectively contacting with the hinge leaves *c* and *c'*, the arm *d'* that presses upon the hinge leaf *c'* being thereon affixed, while

the other arm is loose, but is adapted for pressure on the hinge leaf *c*. The stress of the coiled spring *d* is exerted in a direction that will serve to swing the cuspidor 12 into the holder box, and for its use a handle ring *e*, that is secured on the cuspidor affords convenient means for manually rocking it outwardly.

The cuspidor is designed for sanitary reasons to be periodically detached from the holder box and cleaned, and to prevent its unauthorized removal, a locking device is provided consisting of the following constructive details. A locking arm *g* formed of wire rod, is bent at a right angle near one end, thus producing a keeper limb *g'* thereon, this limb in service being loosely inserted through a perforation in the panel 10^a, directly opposite the eye in the head ring *c'* on the pintle *c*⁴. On the top wall 11^a of the holder box, a lug *h* is secured at a proper distance from the side of the panel 10^a, that is opposite from the one on which the flanges *b* are secured, and as shown in Figs. 4, 5 and 7, the body of the arm *g* may be rocked down upon the top wall 11^a between the lug *h* and panel 10^a after the end portion of the keeper limb *g'* has been inserted through the ring eye head *c*⁵ of the pintle *c*⁴, which will obviously prevent a removal of the cuspidor until the locking member *g'* of the arm *g* is removed from the pintle. On the arm *g* at its remaining end, a lifting member *g*² is shown that enables the manipulation of the arm for its detachment from the lug *h*, and a subsequent removal of the keeper limb *g'* from the ring eye head *c*⁵.

The rubbish holder that is an attachment to the holder box wall 11 is formed of plate metal, cut and bent so as to produce a receptacle having a semi-cylindrical wall 13, that has a flat side wall 13^a attached thereto and an imperforate bottom wall 13^b as shown in Fig. 3. The body or semi-cylindrical wall 13 projects above the flat side wall 13^a so as to provide a curved flange at the free upper edge of said wall 13, and the relative curvatures of the holder box wall 11, and receptacle body 13, are such that the flanged upper end of the latter will fit closely against the lower portion of the holder body when applied thereupon. In the flat wall 13^a two locking slots *i* are formed which will receive the heads of two locking studs *i'*, that project from the panel 10^a, below the holder box body 11. A handle 14 is secured on the receptacle body 13, as shown in Figs. 2 and 3, which enables the manual adjustment of the receptacle for the interlocked engagement of the studs *i'*, with the slots *i*, which may be readily effected by engaging the flanged end of the receptacle 13 with the holder box body 11 at a point which will dispose the slots *i* opposite the studs *i'*, and then sliding the receptacle downward,

which will engage the heads of the studs with narrow portions of the slots, and secure the receptacle in position below the holder box upon the panel 10^a. At a suitable point below the holder box, an angle iron shelf 15 is secured, which affords a seat for the receptacle when the latter is in position for service, and serves to support the receptacle and its contents. It will be seen that when the receptacle 13 is in position for service as hereinbefore described, the aperture *a* in the bottom wall 11^b of the holder box will afford a mouth for the insertion of rubbish down into the receptacle, the outward swinging movement of the cuspidor 12 permitting access to the aperture.

Obviously the receptacle for rubbish may be removed at will for emptying out its contents, and serves a useful purpose in that it is always ready for reception of dry refuse, such as torn paper bits, or shells of nuts and the like, that are thrown on seats and the floor of public places. The provision of the cuspidor and its location, insures its frequent cleaning, as otherwise it would become a noticeable nuisance, and it would take the place of the cuspidors that are placed on the floor where they become unsightly and disease spreading vessels, owing to a want of proper attention.

Having described my invention, I claim as new and desire to secure by Letters Patent:—

1. The combination with a door having an aperture therein, of a holder box having a flanged edge for engaging the door around the aperture, said box being open to register with the aperture, and having an opening through the bottom thereof, a cuspidor hinged to the door to swing into and out of the holder box, a rubbish holder having an open top detachably connected with the door below the holder box, and having the opening in its top registering with the opening of the holder box, and means for detachably connecting the cuspidor to the door.

2. The combination with a door having an aperture therein, of a holder box having a flanged edge for engaging the door around the aperture, said box being open to register with the aperture, and having an opening through the bottom thereof, a cuspidor hinged to the door to swing into and out of the holder box, and a rubbish holder having an open top detachably connected with the door below the holder box, and having the opening in its top registering with the opening of the holder box.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

NELSON ALONZO PENNOYER.

Witnesses:

G. F. ADAMS,
A. HUDSON.