

Aug. 4, 1942.

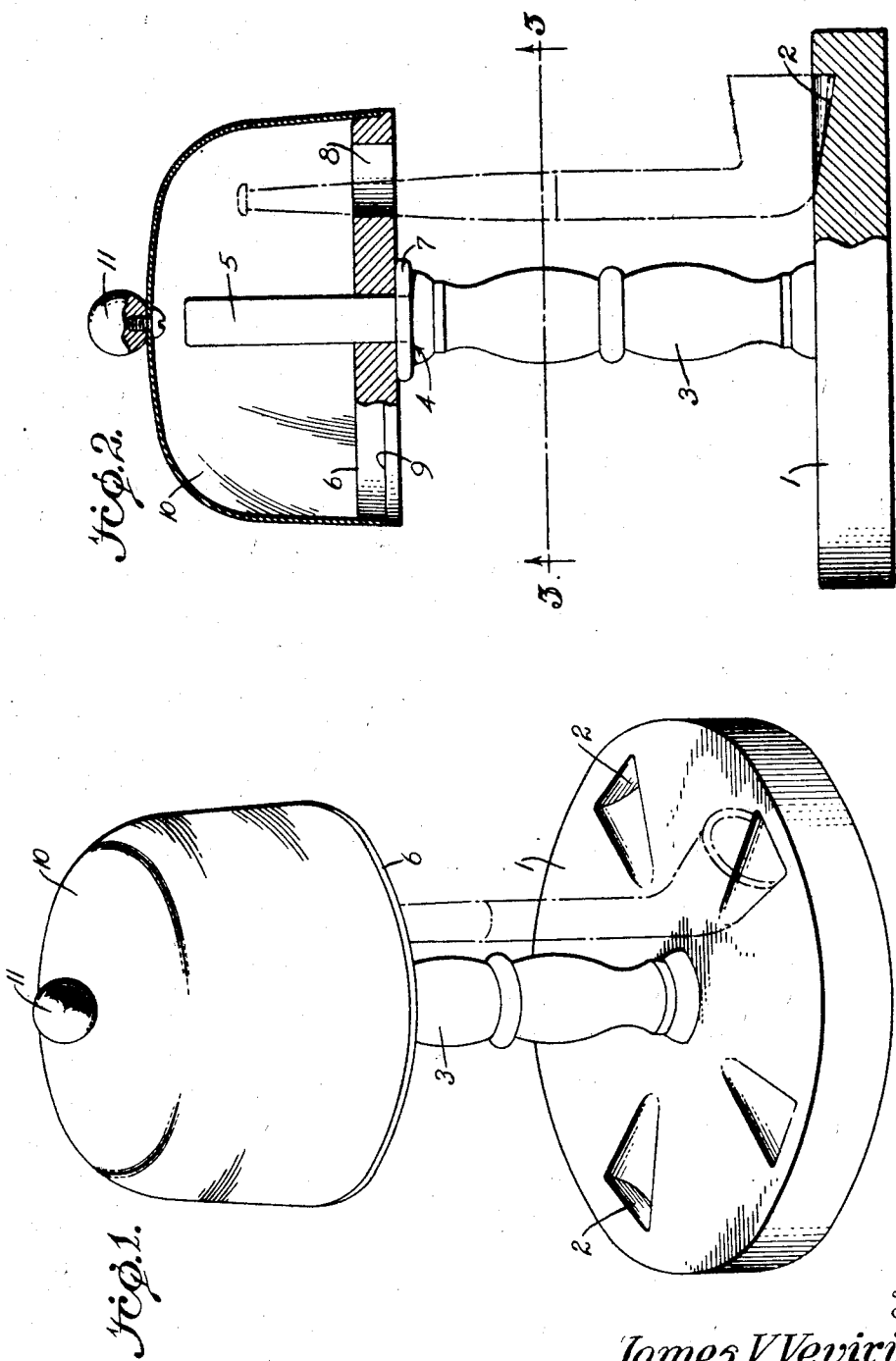
J. V. VEVIRIT

2,291,933

PIPE RACK

Filed May 16, 1941

2 Sheets-Sheet 1



Inventor

James V. Vevirit

By

Robert L. Smith
Attorney

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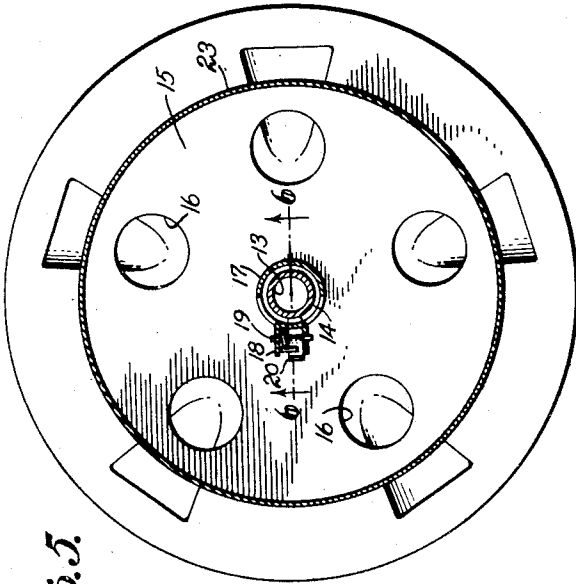


Fig. 5.

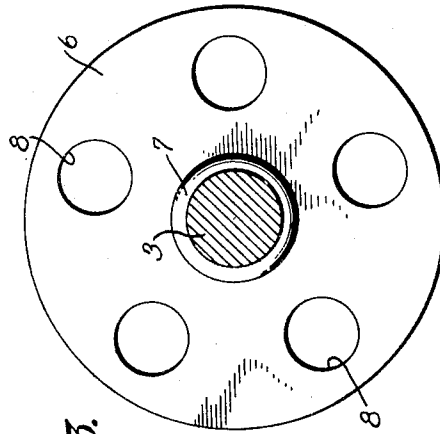


Fig. 3.

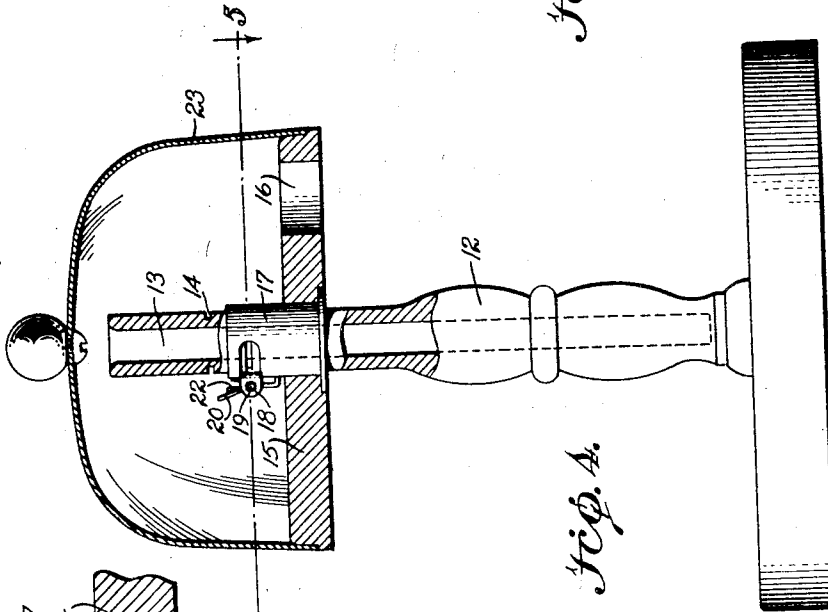


Fig. 4.

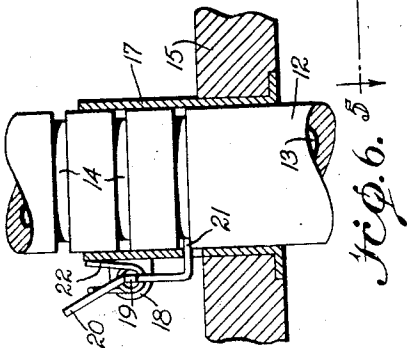


Fig. 6.

Inventor
James V. Vevirit

By

Attorney

UNITED STATES PATENT OFFICE

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PIPE RACK

James V. Vevirit, Lewiston, N. Y., assignor to McDonald Products Corporation, Buffalo, N. Y.

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6 Claims. (Cl. 211-60)

This invention relates to a smoker's pipe rack. The invention provides a pipe rack with a canopy to seat on one of the holder members and cooperate therewith to form a compartment so that the free ends of the stems of pipes mounted in the pipe rack and extending beyond one side of the holder member are housed within the compartment formed by the canopy. The canopy also prevents dust and dirt from entering the stem of a pipe when the pipe bowl is supported by one holder member while the stem is supported by another carrying the canopy. The canopy also eliminates the unsightly appearance of the free ends of the stems of pipes carried in the rack and provides a means for closing a pipe cleaner compartment carried by the pipe rack and having the open end projecting into the compartment.

The invention also provides a pipe rack having the one holder member mounted for positioning at different distances from the other so it may be selectively adjusted to any one of a plurality of different spaced positions relative to the other member to conveniently accommodate pipes with different length stems in such a manner that the stems will not project into engagement with the canopy.

In the drawings:

Figure 1 shows a pipe rack constructed according to the present invention, in perspective.

Figure 2 is a vertical cross section with portions left in elevation for convenience in illustration.

Figure 3 is a cross section taken on line 3-3 of Fig. 2.

Figure 4 is a side elevation of a pipe rack similar in construction to the one shown in Figs. 1 and 2 with portions broken away and shown in cross section for convenience in illustrating how the upright may be constructed to provide a pipe cleaner receptacle and how the top member may be adjustably mounted on the upright for support at different elevations above the base.

Figure 5 is a cross section taken on line 5-5 of Fig. 4.

Figure 6 is a cross section on an enlarged scale taken on line 6-6 of Fig. 5.

The pipe rack includes a holder member or base 1, of any suitable shape, but is illustrated in the form of a disc member having a plurality of recesses 2 adapted to receive a portion of a pipe bowl as illustrated in dot-dash lines in Figs. 1 and 2. Base 1 is flat on the bottom and may be covered with felt or the like, not shown, so that it may be conveniently supported on the polished

surface of a desk, table or other suitable piece of furniture.

An upright 3 is suitably mounted on the base and extends upwardly therefrom. In the pipe rack illustrated, upright 3 is shaped in any desired manner, such as that illustrated, to present an ornamental appearance and at 4 is provided with a shoulder from which a reduced cylindrical portion 5 extends upwardly. A top plate or holder member 6 of disc shape is provided with a central opening adapted to slidably engage on portion 5 and be supported on shoulder 4. A ferrule 7 is engaged over reduced end 5 and rests on shoulder 4 for supporting top member 6.

This ferrule is provided for adding to the ornamental appearance of the pipe rack and also as a spacer member to position top plate 6 at a desired spaced distance substantially parallel to and above base 1, as illustrated in Fig. 2. Top plate 6 is formed with a plurality of pipe supporting means or apertures 8 corresponding in number to the recesses 2 in base 1. Apertures 8 are arranged in members 6 so as to be aligned with recesses 2. These apertures 8 are adapted to receive the ends of pipe stems when the pipe is mounted in the rack in the manner shown in Fig. 2, in dot and dash lines, with the bowl engaged in one of the recesses 2 in base 1.

The periphery of top plate 6 is formed to provide a seat portion 9 for receiving the edge portion of a canopy 10 to support the canopy in detachable relation on said top plate. The canopy is supported in the manner illustrated in Figs. 1 and 2 with the central portion in spaced relation above top plate 6 while the edge portion extends in depending relation from the central portion to engage and be supported on the seat 9 about the periphery of plate 6. In this way canopy 10 forms a compartment over top of top plate 6 into which the upper ends of the stems projecting above plate 6 extend, and in which they are concealed and protected from dust, dirt and the like. The canopy covers the ends of the pipe stems and adds an attractive ornamental appearance to the pipe rack. The handle 11 mounted on the top central portion of the canopy adds to the ornamental appearance of the pipe rack and provides a means for manually removing the canopy from plate 6 when access to the compartment above plate 6 is desired.

Referring to Figs. 4 to 6 inclusive, the pipe rack shown therein is substantially similar to the pipe rack shown in Figs. 1 to 3. This pipe rack is provided with the same type of base construction and with an upright 12 having the upper end

provided with an elongated bore 13 opening through the upper end to provide a pipe cleaner compartment. The upper ends of pipe cleaners in the compartment will project slightly above the upper end of upright 12 so they may be manually gripped for removal from the compartment.

The outer surface of the upper end portion of upright 12 is provided with a plurality of annular grooves 14. Top plate 15 is provided with a plurality of pipe receiving apertures 16 and has a central opening receiving a supporting sleeve 17 suitably mounted therein to carry top plate 15. Sleeve 17 extends above the upper face of top plate 15 and carries a pair of ears 18 in spaced parallel relation to receive pivot projections 19 formed in the central portion of retaining latch 20. Retaining latch 20 has a laterally extending end 21 projecting through a slot in sleeve 17 to engage in any one of the grooves 14. A suitable spring 22 normally actuates latch 20 to normally retain projection 21 in a groove 14. By depressing the free end of latch 20 projection 21 can be withdrawn from groove 14 when it is desired to adjust top member 15 into another position at a different distance from the pipe rack base.

A canopy 23 is mounted on top member 15 in the same manner as canopy 10 is mounted on top member 6.

In the construction illustrated in Figs. 4 to 6, top member 15 may be readily positioned at varying distances above the base by removing canopy 23 and manually disengaging the end 21 of latch 20 from groove 14 whereupon the plate member may be slidably moved up and down on upright 12 to another position where the end 21 of latch 20 engages in another groove 14. A compartment is provided above top member 15 for enclosing and covering the upper ends of pipe stems mounted in the rack, and provides a cover for the upper ends of pipe cleaners in the compartment in upright 12, as well as adding to the ornamental appearance of the pipe rack.

The pipe rack may have the holder members constructed and arranged in different ways to receive and support pipes therein, wherein the free ends of the stems will project beyond one side of one of these holder members. The canopy in cooperating with one of these holder members to enclose the free ends of the stems provides a cooperation with the holder members that not only adds utility to the pipe rack but provides for cooperation that will facilitate many different combinations of holder members and canopy for supporting pipes in an efficient manner for convenient handling. At the same time the unsightly appearance is eliminated.

Various shapes and arrangements of the pipe rack may be made to give different ornamental appearance. Variations may be made in the shape and arrangement of the cover on top member 15 to change the ornamental appearance of the pipe rack in any desired manner, while still maintaining the arrangement illustrated, in which the canopy protects the upper ends of the pipes to eliminate the unsightly appearance thereof while adding an ornamental appearance to the pipe rack. The arrangement of the pipes in the pipe rack may be varied as fashion and convenience dictate.

The invention claimed is:

1. A smoker's pipe rack comprising a pair of holder members mounted in spaced relation, pipe holding means provided on each member to receive and hold one or more smokers' pipes, and

a canopy mounted over one of said members providing a closed compartment at one side of said member housing the free ends of pipe stems mounted on said members.

2. A smoker's pipe rack comprising a pair of spaced holder members formed for cooperation to receive and hold one or more pipes with the free ends of the stems projecting beyond one side of one of said members, and a canopy formed to provide a central portion and side portions projecting laterally from the central portion to engage the margin of said one holder member to provide a compartment on one side of said holder member receiving and enclosing the ends of said pipe stems with said central portion spaced from said holder member.

3. A smoker's pipe rack comprising a base, an upright mounted on and extending upwardly from said base, a top plate member mounted on said upright in spaced parallel relation above said base and having one or more recesses for receiving portions of one or more pipes supported on said base and extending through said recesses, and a canopy mounted on said plate member having an edge portion engaged with the edge of said plate member and a central portion extending above said plate member in spaced relation to provide a compartment above said plate member housing the upper ends of pipes supported on said base and extending through said recesses.

4. A smoker's pipe rack, comprising a base, an upright mounted on and extending upwardly from said base, a top plate member mounted on said upright in spaced parallel relation above said base and having one or more recesses for receiving portions of one or more pipes supported on said base and projecting above said plate member, said plate member having an edge portion formed to provide a seat, and a canopy formed of imperforate sheet material having an edge portion engaging said seat for support of the canopy thereon and a central portion extending over said plate member in spaced relation to form a closed housing concealing the portions of said pipes and upright projecting above said plate member.

5. A smoker's pipe rack, comprising a base, an upright mounted on and extending upwardly from said base, a top plate member, means for selectively mounting said top plate member in any one of a plurality of differently spaced positions above said base in substantially parallel relation; said plate member having pipe receiving recesses therein, and a canopy mounted on the marginal portion of said plate member and extending above the central portion of said plate member and providing a housing over the portions of said pipes extending above said plate member and also housing said means.

6. A smoker's pipe rack comprising a base, an upright mounted on and extending upwardly from said base, said upright being formed to provide a compartment for pipe cleaners, a top member mounted on said upright in spaced parallel relation above said base and having one or more pipe receiving recesses therein, and a canopy of sheet material formed to provide a central portion spaced above said top member and depending edge portions seated on said top member for supporting said canopy thereon to form a compartment above said top member to enclose pipes projecting above said top member and also enclose the compartment in said upright.

JAMES V. VEVIRIT.