

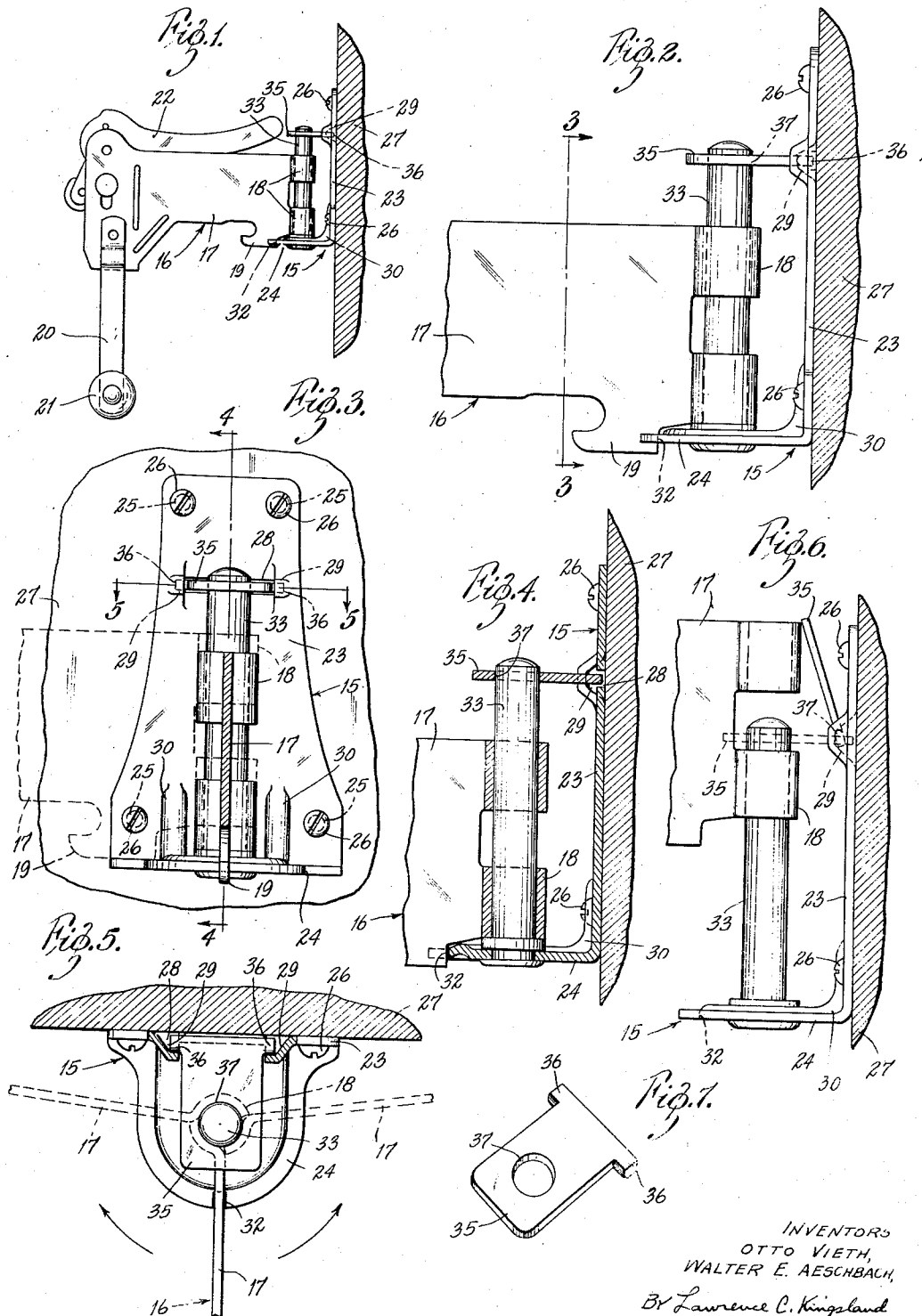
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3 Claims. (Cl. 248—296)

The present invention relates generally to can opening devices, and more particularly to a novel mechanism for supporting can opening devices in accessible relationship.

An object of the present invention is to provide a novel mechanism for supporting a can opening device in accessible relationship.

Another object is to provide a supporting mechanism for a can opening device whereby the device can be alternately disposed in operative and nonoperative positions.

Another object is to provide a novel mechanism for supporting a can opening device whereby the device is maintained in firm relationship for operative purposes.

Another object is to provide a novel mechanism for supporting an elongated can opening device whereby the device may be positioned for can opening operations or may be positioned in a nonoperative position whereby the same is removed as a kitchen hazard or obstruction.

Another object is to provide a novel supporting mechanism for a can opening device whereby the device may be removed from the mechanism when desirable.

Another object is to provide a novel supporting mechanism which is simple in construction, inexpensive to manufacture, and which is adapted to fulfill all of the objects and advantages sought therefor.

Other objects and advantages will be apparent from the following description, taken in conjunction with the accompanying drawing, in which:

Fig. 1 is a side view of a supporting mechanism constructed in accordance with the teachings of the present invention supporting a can opening device in operative position;

Fig. 2 is an enlarged side view of the supporting mechanism shown in Fig. 1, together with a part of a can opening device;

Fig. 3 is a section on the line 3—3 of Fig. 2;

Fig. 4 is a section on the line 4—4 of Fig. 3;

Fig. 5 is a section on the line 5—5 of Fig. 3, the nonoperative positions of a can opening device being indicated in dotted lines;

Fig. 6 is a view similar to Fig. 2, an element of the supporting mechanism being shown in a position to permit release of a can opening device; and

Fig. 7 is a perspective view of an element of the present supporting mechanism.

Referring to the drawing more particularly by reference numerals, 15 indicates generally a supporting mechanism constructed in accordance

with the teachings of the present invention (Fig. 1), a can opening device 16 being shown in operative disposition relative to said mechanism 15. The can opening device 16 includes an elongated flat body 17 terminating in hinge loops 18 at one end and having a heel 19 adjacent thereto, an operating arm 20 having a handle 21, and an engaging lever 22. The remaining elements of the can opening device 16 are not disclosed, being disposed at the far side of the body 17, the can opening device 16 being of well-known construction.

The supporting mechanism 15 includes a vertical section 23 and a horizontal section 24. The vertical section 23 has spaced apertures 25 (Fig. 3) which receive screws 26 for securing the mechanism 15 to a support as a wall 27. Towards the upper portion of the vertical section 23 is a transverse slot 28, the material of the vertical section 23 adjacent the ends of the slot 28 being forced outwardly to form recesses 29 (Fig. 5). Adjacent the lower portion of the vertical section 23 are spaced strengthening ribs 30 which extend into the horizontal section 24.

The horizontal section 24 is of semi-circular configuration (Fig. 5) throughout the major portion thereof and includes a central notch 32 which is adapted to receive the heel 19 of the body 17 of the can opening device 16. A post 33 is fixed to the horizontal section 24 in a central position relative to the circular periphery and extends upwardly therefrom in parallel relation to the vertical section 23. A plate 35 (Fig. 7) has extensions 36 which engage the recesses 29 of the vertical section 23 (Fig. 5) and an aperture 37 by means of which it is disposed about the upper end of the post 33.

Operation

After the plate 35 is inserted through the transverse slot 28 into a position with the projections 36 disposed within the recesses 29, the supporting mechanism 15 is secured to a supporting surface such as the wall 27 by screws 26. The can opening device 16 is disposed on the post 33 through the medium of the spaced pivot loops 18. The plate 35 is lowered over the upper end of the post 33 to aid in providing a rigid support.

When the can opening device 16 is to be used for opening a can, or for opening a bottle, the heel 19 of the body 17 is disposed in the notch 32. This anchors the can opening device 16 in a position at substantially 90° relative to the wall

27. The can opening device 16 may then be used.

When the opening operation has been completed, the can opening device is moved vertically, the pivot loops 18 sliding on the post 33, until the heel 19 is disengaged from the notch 32. The can opening device 16 may then be swung in either direction into a position against the wall 27, in which position it is out of the way and, therefore, is not a kitchen hazard. Should the can opening device 16 be required to be removed for some purpose or other, it is but necessary to lift the plate 35 about the projections 36 as a pivot axis and to slip the can opening device 16 from the post 33.

It is, of course, to be understood that the herein described mechanism is to be constructed of suitable material and of suitable configuration. It is apparent that the present supporting mechanism fulfills all of the objects and advantages sought therefor.

It is to be understood that the foregoing description and accompanying drawing have been given by way of illustration and example and not for purposes of limitation, the invention being limited only by the claims which follow.

What is claimed is:

1. A supporting mechanism for pivotally supporting a can opening device from a supporting surface comprising a member including a vertical section and a horizontal section, said vertical section being adapted to be secured to a wall or the like, a vertical member secured to said horizontal section and extending therefrom providing a free end, an elongated member pivotally connected to said vertical member and freely removable therefrom over the free end, and means formed in the horizontal member adapted to be engaged by a portion of said elongated member when said elongated member is in one position of movement, said means being located to dispose said elongated member at substantially right angles to said vertical section, said elongated member being adapted to be moved out of engagement with said means and pivotally

into a position substantially parallel with said vertical section.

2. A supporting mechanism for pivotally supporting a can opening device from a supporting surface comprising a member including a vertical section and a horizontal section, said vertical section being adapted to be secured to a wall or the like, a vertical member secured to said horizontal section and extending therefrom, an elongated member pivotally connected to said vertical member, a notch in said horizontal section adapted to receive a portion of said elongated member when in one position of movement, and a member pivotally connected to said vertical section having an aperture therein, said pivotally connected member by its aperture being adapted to engage the free end of the vertical member to strengthen the same and to prevent accidental removal of the elongated member.

3. A supporting mechanism for pivotally supporting a can opening device from a supporting surface comprising a member including a vertical section and a horizontal section, said vertical section being adapted to be secured to a wall or the like, a vertical post secured to said horizontal section and extending therefrom, a notch in said horizontal section, an elongated member terminating in looped portions at one end, said looped portions pivotally engaging said post, said elongated member including a portion adapted to engage said notch in one position of said elongated member, said notch being disposed to position said elongated member at right angles to said vertical section, said elongated member being adapted to be moved from said notch and pivotally into a position substantially parallel to said vertical section, and a member pivotally connected to said vertical section having an aperture therein, said member being adapted to engage the free end of the post to strengthen the same and to prevent accidental removal of the elongated member.

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