

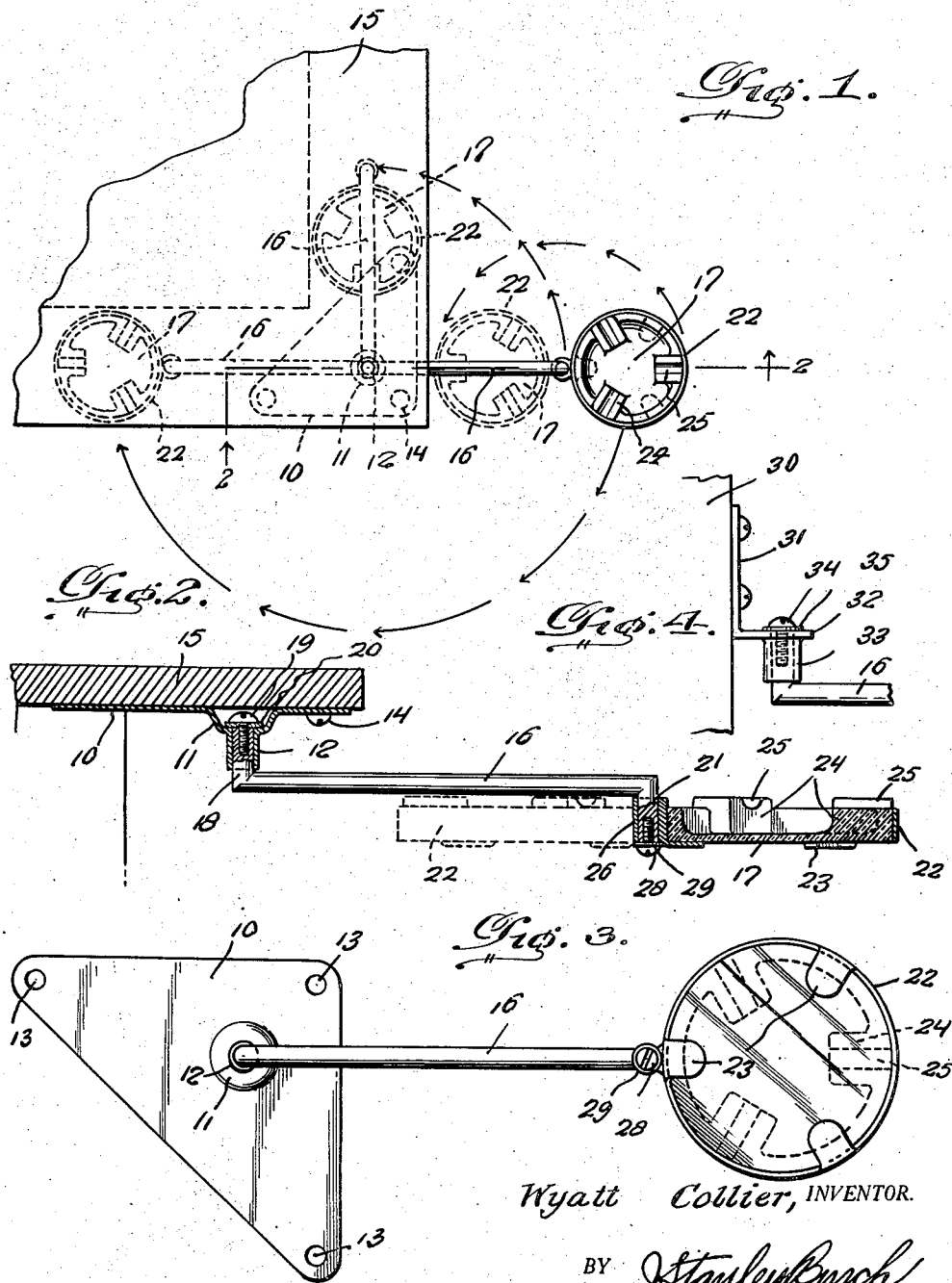
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ASH TRAY

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ASH TRAY

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The present invention relates to ash trays and more particularly to a novel construction of means for mounting the tray on either a horizontal or vertical support, whereby the tray can be swung in a horizontal plane to an out of the way position when not in use.

In carrying out the invention I preferably employ a tray supporting ring pivotally mounted on one end of an arm for independent swinging movement, the arm being also pivotally mounted at its other end upon the support and capable of being swung toward and away from the latter.

The nature and advantages of the invention will be better understood when the following detail description is read in connection with the accompanying drawing, the invention residing in the construction, combination and arrangement of parts as claimed.

In the drawing forming part of this application like numerals of reference indicate similar parts in the several views and wherein:

Figure 1 is a fragmentary plan view of a chair arm illustrating one embodiment of the invention, and showing the various positions in which the tray can be arranged.

Figure 2 is a sectional view on line 2—2 of Figure 1.

Figure 3 is a bottom plan view of the tray and its supporting means.

Figure 4 is a view of a modified construction.

The invention essentially embodies a bracket plate 10 of any suitable size and contour, and in accordance with this embodiment of the invention, the plate 10 is adapted to be secured to the under side of the arm of a chair, or other suitable support. The bracket plate is formed with a central depression 11 having an opening therein, while depending from the edge of the opening is a bearing sleeve 12. The plate is also provided with openings 13 to accommodate suitable fastening elements 14 utilized to secure the plate to its support. The support is indicated generally at 15. The plate is designed to pivotally support

an arm 16 mounted to swing in a horizontal plane, and which arm supports the ash tray 17 in a manner to be hereinafter described.

The arm 16 may vary in length and is provided with an upwardly extending offset terminal 18 received by the sleeve 12 of the plate in which it is pivotally mounted. The terminal 18 is held associated with the sleeve by a headed element 19 threaded into said terminal and passed through a washer 20 seated in the central depression 11 which also accommodates the head of the element 19. The opposite end of the rod is provided with a downwardly extending terminal 21 on which the ash tray is pivotally supported.

The ash tray 17 is received by a ring 22 and supported therein by lugs 23 projecting inwardly from the lower edge of the ring as illustrated. The tray itself is of any ordinary construction, except that the cigarette supporting blocks 24 project above the ring, each having its groove 25 lying flush with the upper edge of the ring. Consequently a cigarette can be conveniently placed on or removed from the block without interference of the ring 22. The ring is provided with an exteriorly located bearing sleeve 26 which receives the adjacent offset terminal 21 of the arm, and held associated therewith by a headed element 28 threaded into the terminal and passed through a washer 29 as illustrated. The ring and its tray are pivotally supported on the terminal 21 of the arm so that they can be conveniently moved to any desired position at either side of the arm, or wholly arranged beneath the arm as shown in Figures 1 and 2. As the arm 16 is also pivotally mounted on the bracket plate 10, the arm together with the tray can be swung horizontally in either direction with relation to the support, to occupy an out of the way position beneath the latter as illustrated in Figure 1.

In Figure 4 I have illustrated how the arm 16 can be similarly mounted on a vertical support 30. For this purpose I employ a bracket 31 having a horizontally offset apertured extension 32 from which depends a bearing sleeve 33 to rotatably accommodate the upwardly offset terminal 18

of the arm. A headed element 34 is utilized to hold the arm pivotally mounted within the sleeve, and is threaded into the terminal 18, being passed through a washer 35 re-
5 posing upon the extension 32 of the bracket. The invention is otherwise the same as described in connection with Figures 1 to 3 inclusive. Manifestly the ash tray can be conveniently swung outwardly from the sup-
10 port 15 in Figure 1 or 30 in Figure 4, after which the tray and its supporting ring can also be conveniently moved with relation to the arm to any desired position for use. The tray can also be swung to an out of the way
15 position beneath the arm as illustrated in Figures 1 and 2, while the arm itself together with the tray can be swung beneath or in close proximity to its support when not in use.

20 While it is believed that from the foregoing description the nature and advantages of the invention will be readily apparent I desire to have it known that I do not limit myself to what is herein shown or described
25 and that such changes may be resorted to when desired as fall within the scope of what is claimed.

What is claimed is:

Means for mounting a tray on the arm
30 of a chair, comprising a plate secured to the under side of said arm and having a centrally depressed portion provided with an opening, a sleeve depending from the edge of the opening, an arm having an upwardly
35 offset extremity pivoted in said sleeve, a headed element threaded into said extremity through the opening in said depressed portion of the plate, a tray supporting ring, a sleeve carried thereby, the opposite end of
40 said arm being offset downwardly and received by the sleeve of said ring, whereby the latter is freely pivoted on the arm, and a headed element threaded into the last mentioned extremity of said arm.

45 In testimony whereof I affix my signature.

WYATT COLLIER.

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