

March 20, 1945.

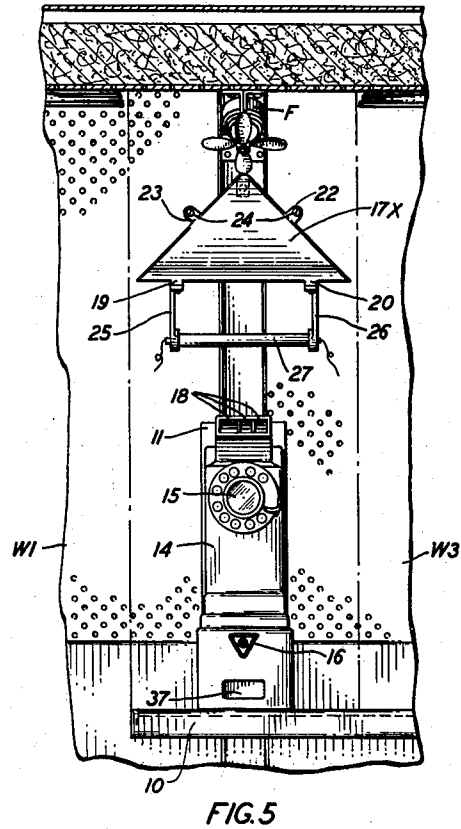
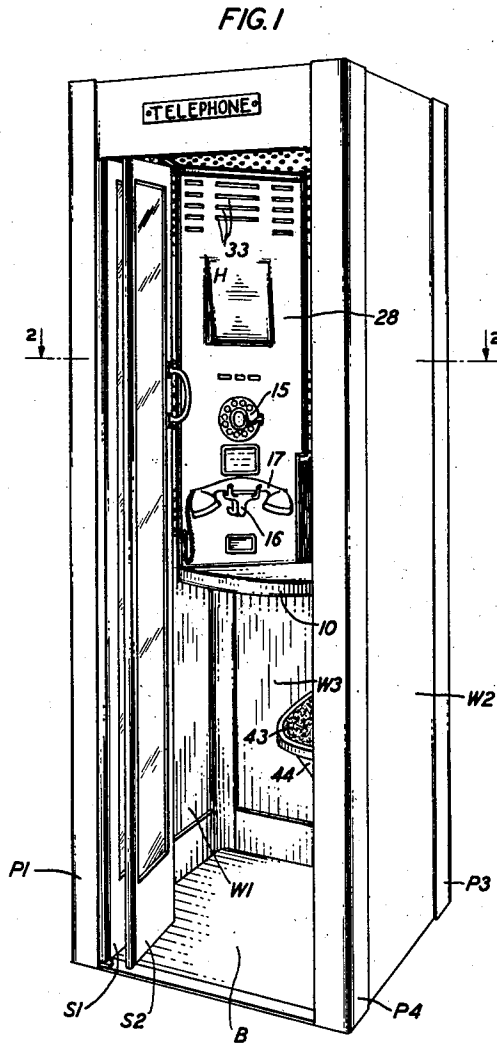
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2,371,968

TELEPHONE BOOTH

Filed Sept. 19, 1942

2 Sheets-Sheet 1



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2 Sheets-Sheet 2

FIG. 3

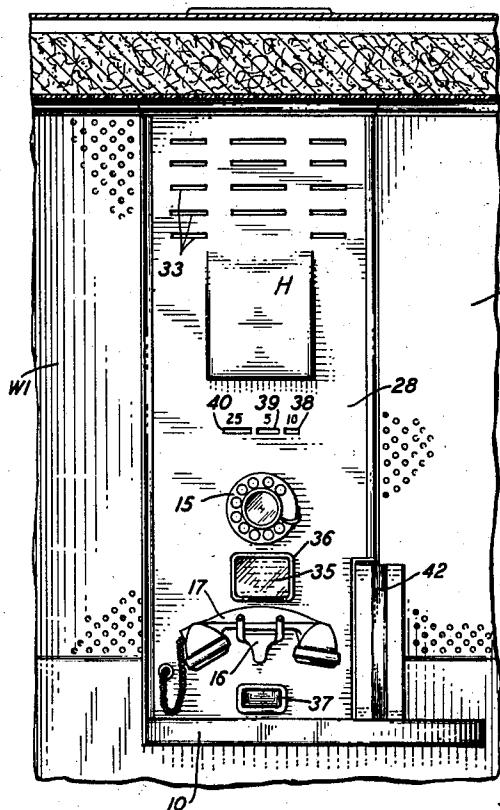


FIG. 4

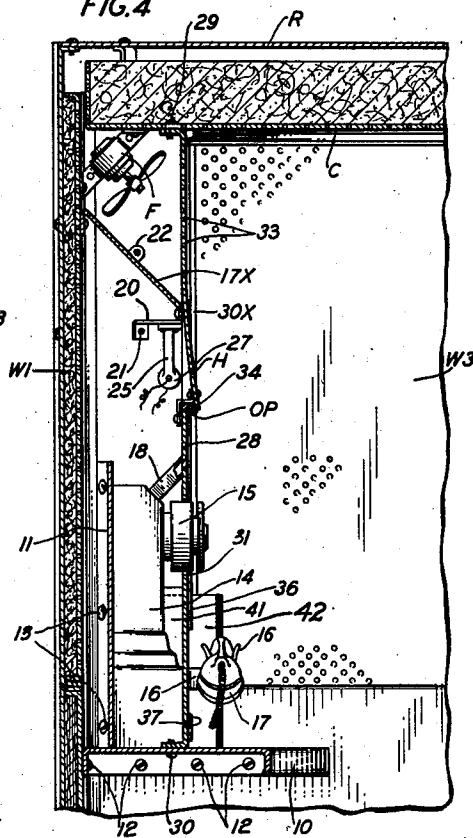
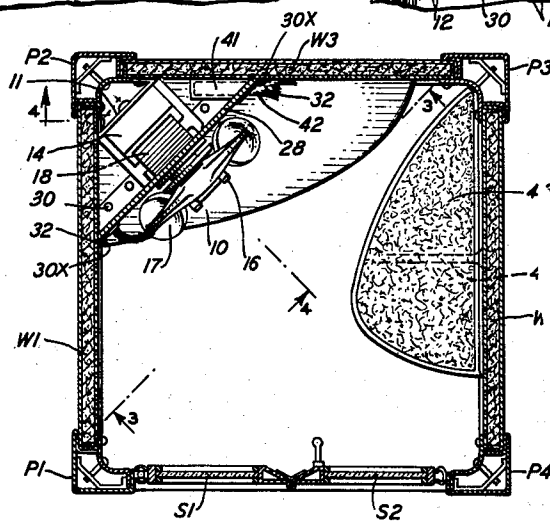


FIG. 2



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UNITED STATES PATENT OFFICE

2,371,968

TELEPHONE BOOTH

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Application September 19, 1942, Serial No. 459,005

3 Claims. (Cl. 189—2)

My invention relates to telephone booths.

It is the present practice to mount the coin collector telephone equipment on one of the inner walls of the booth in such a manner that the equipment is in full view and therefore accessible to the public. Thus vandals or persons bent on malicious mischief can more readily steal, damage or destroy the same.

It is the primary object of my invention to render it more difficult for the general public to have access to the telephone equipment, except those parts of it they must use.

It is a further object of my invention to improve the appearance of the interior of the booth by the very means employed to prevent vandals from damaging the apparatus or stealing it.

My invention consists broadly in so disposing the pieces of apparatus in the booth structure that only those parts thereof which must be operated by the subscribers are accessible to them, all the rest of the equipment or parts thereof being concealed and therefore protected.

The telephone booth to which the present invention is particularly well adapted may consist of a base, a rear wall, a left side wall, a right side wall, a plurality of corner posts, a ceiling and roof unit supported by the walls and the corner posts and a door of folding sections hinged to one of the corner posts which forms the entrance of the booth.

In the present embodiment of my invention, the telephone apparatus, which is in the form of a coin collector box, is supported by a combined bracket and shelf secured at the intersection of the left side and rear wall of the booth, the coin collector box being provided with a supporting cradle element extending through an opening in a concealing plate which extends from the left wall to the rear wall for receiving a telephone handset in parallel relation to such plate. Just below this opening an opening is provided in the concealing plate through which projects the coin refund receptacle of the coin box. Above the cradle element opening and in line therewith is an opening in the concealing plate through which projects the regular automatic dial which is secured to the coin collector equipment. Above and in line with the dial is another opening in the concealing plate through which extend three coin deposit passages which are a part of the coin collector box. Just above and in line with the coin passages is an opening in the concealing plate through which light is projected downwardly from a concealed lighting fixture. Above this opening a series of openings

in the concealing plate are provided serving as paths from a fan located behind the concealing plate.

Another feature of my invention is the provision of means in the plate for directing the stream of air generated by the fan in a general direction of the person using the booth.

Another feature is the mounting of a writing shelf adjacent the telephone apparatus and a compartment carried by the plate for receiving a writing pad.

Another feature is the mounting of the seat for the telephone booth on the right side wall of the booth in a convenient position relative to the writing shelf.

Another feature is the hinging of the booth door to the left corner post at the entrance of the booth so as to be more easily and conveniently operated from the interior of the booth while increasing the free usable floor space of the booth by the particular location of the shelf and the seat in the booth.

Other novel features and advantages of the invention will appear from the following description and by the claims appended thereto, reference being had to the accompanying drawings in which:

Fig. 1 is an assembly view of the booth shown in perspective;

Fig. 2 is a cross sectional view taken on line 2—2 of Fig. 1;

Fig. 3 is a vertical sectional view of the upper portion of the booth taken on line 3—3 of Fig. 2;

Fig. 4 is a vertical sectional view of the upper portion of the booth taken on line 4—4 of Fig. 2; and

Fig. 5 is a view similar to that of Fig. 3 with the concealing plate removed.

As shown in Figs. 1 and 2 of the drawings, the telephone booth embodying this invention may consist of two side walls W1, W2 and a rear wall W3, a ceiling C, a roof R, holding corner posts P1, P2, P3 and P4 in assembled relation to each other at their upper ends, while a base B holds the corner posts P1, P2, P3 and P4 in assembled relation at their lower disposed ends, a door or folding section S1 and S2 being hinged to the left disposed corner posts P1 at the entrance of the booth.

In accordance with this invention, a shelf 10 and a bracket 11 best seen in Figs. 2, 4 and 5 which may be formed singly or in combination into a unit structure are secured diagonally at the intersection of side wall W1 and rear wall W3 as by a plurality of screws 12 and 13, respec-

tively. The bracket 11 is provided for mounting a telephone apparatus in the form of a coin collector box 14 having provision for receiving a calling dial 15, a cradle 16 for receiving a telephone handset 17 and a coin chute element 18.

To the side wall W1 and to the rear wall W3 in vertical alignment with the coin collector box 14 is mounted a triangularly shaped plate 17X forming with wall W1, W3 and ceiling C a casing for housing a fan F shown in Figs. 2 and 4 secured to the wall W1 and ceiling C in a manner to position its armature shaft in line parallel with the triangular plate 17X. The triangular plate is formed with a pair of arms 19 and 20 provided for securing this plate to the walls W1 and W3 as by a number of screws 21 in addition to a pair of lugs 22 and 23 and screw 24 also engaging the walls W1 and W3, the arms 19 and 20 in turn serving for securing a lighting fixture in the form of downwardly extending arms 25 and 26 supporting the light bulb 27.

The rectangularly shaped concealing plate 28 is provided along its parallel longitudinally disposed edges with flange portions 30X best seen in Fig. 2 serving for securing this plate in booth walls W1 and W3 by a number of screws 32, while the top edge of plate 28 is secured to the ceiling C by a plurality of screws 29 and its longer edge to the writing shelf 10 by a plurality of screws 30 best seen in Fig. 4.

The plate 28 at its top portion is provided with a series of parallelly disposed horizontal slits 33 serving as air paths from the fan F to the interior of the booth in addition to an opening OP formed between a hood element H formed or carried by the plate 28 and closed by a translucent oblong glass plate 34 disposed adjacent the bulb 27 of the lighting fixture and in vertical alignment with the calling dial 15 so as to project the maximum amount of light on the dial to facilitate its operation, while lighting the coin deposit passages or apertures 38, 39 and 40 cooperating with the chute element 18. The calling dial 15 extends through an opening 31 in the plate 28, a small distance above an instruction card 35 in a frame 36 in turn secured to the plate 28. The coin return chute 37 formed or carried by the coin collector box 14 extends through an opening in the plate 28 adjacent the writing shelf 10 and a casing 41 carried by the plate 28 serves as a container for a paper pad 42 shown in Figs. 1, 2, 3 and 4.

According to applicant's invention a seat 43 is secured along its longitudinal edge to the right side wall W2 of the booth and is supported in the horizontal position by a diagonally disposed bracket 44. The applicant discovered that the mounting of the telephone apparatus to the rear left corner of the booth and the seat 43 to the right side of the booth, considerably facilitated the use of the writing shelf 10 while making pos-

sible the hinging of the door sections S1 and S2 to the left corner post P1 to facilitate the operation of this door from the interior of the booth while increasing the amount of usable space by the improved location of the telephone apparatus, the writing shelf, the seat, the folding door and the accessibility of the handset and writing pad relative to the person using the telephone booth.

It is understood that minor changes may be made in the invention without departing from the scope of the appended claims.

What is claimed is:

1. A telephone booth comprising a housing for a plurality of removable units including a dial coin collector set having a coin chute and a hand telephone supported on a cradle element projecting outwardly from the set, and a partition extending diagonally across one corner of said housing for concealing said units from the user and having cooperating openings in line with the coin chute of said set and other openings through which said dial and cradle element project to render them accessible for use.

2. A telephone booth comprising a housing for a plurality of units including an electric fan, a lighting fixture and a dial coin collector set having a coin chute and a cradle for the support of a hand telephone projecting outwardly from the set, all of said units being mounted in a line adjacent the junction of two walls of said housing, and a diagonal partition secured to said walls concealing said units from the user, said partition having cooperating openings adjacent said fan, lighting fixture and the coin chute of said set and other openings through which said dial and cradle extend to enable operation thereof by the user.

3. A telephone booth comprising a housing for a plurality of units consisting of an electric fan, a lighting fixture and a dial coin collector set having a coin chute and a cradle for the support of a hand telephone projecting outwardly from the set, all of said units being mounted in a line adjacent the junction of two walls of said housing, a writing shelf secured to said two walls, a diagonal metallic partition having flange portions secured to said walls, shelf and the ceiling of said housing, said partition having slits therein adjacent said fan for directing air flow to the interior of said housing and openings therein cooperating with the coin chute and coin return receptacle of said set, said partition also having openings for the extension of said dial and cradle for accessibility to the user, and a triangular sloping shield mounted between said fan and lighting fixture and supporting said fixture, said partition also having a rectangular hood portion forming a transverse opening for directing illumination downwardly from said lighting fixture to the coin openings and dial.

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