

April 6, 1948.

H. I. BEARDSLEY ET AL.

2,438,891

TELEPHONE BOOTH

Filed May 11, 1944

3 Sheets-Sheet 1

FIG. 1

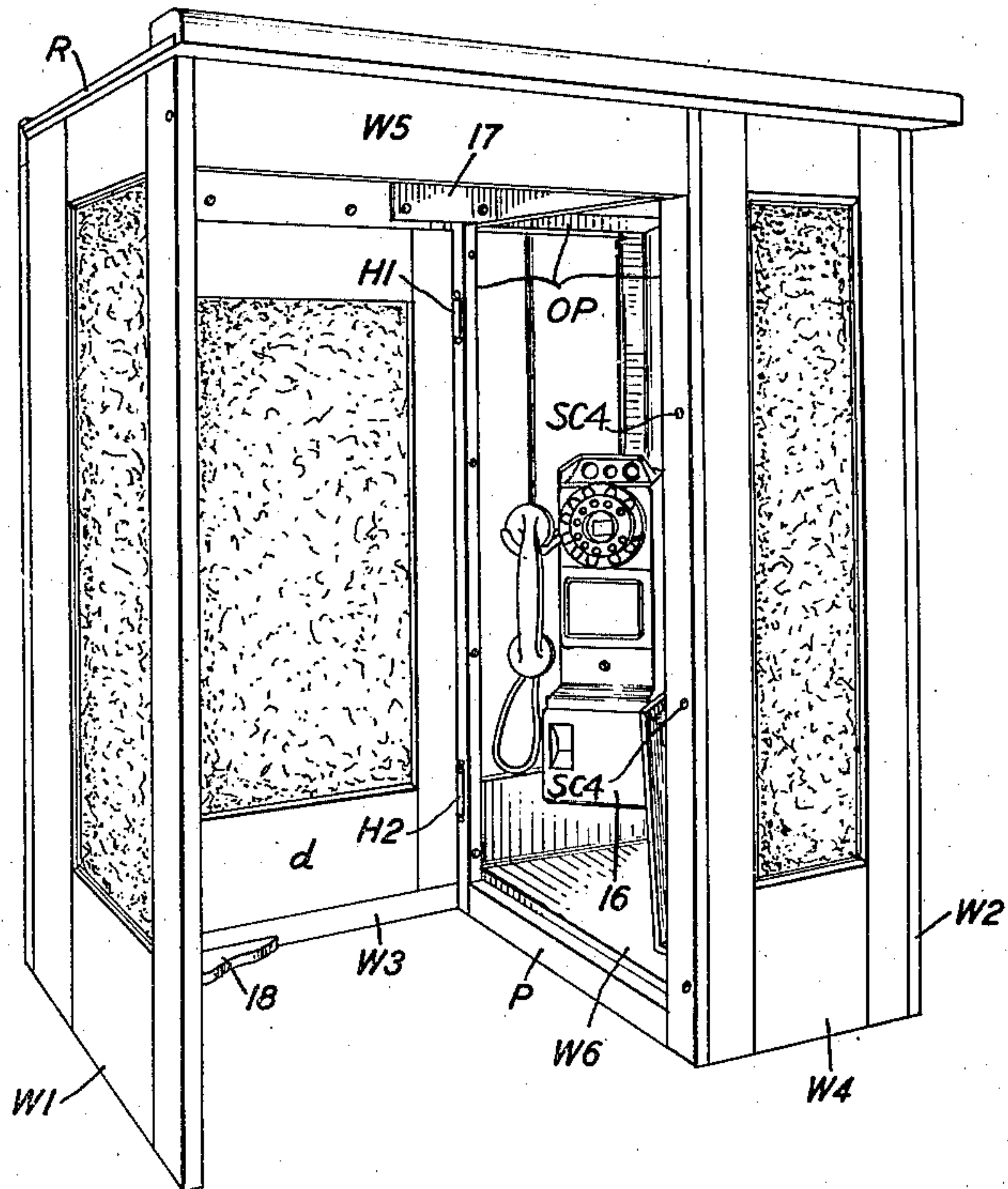
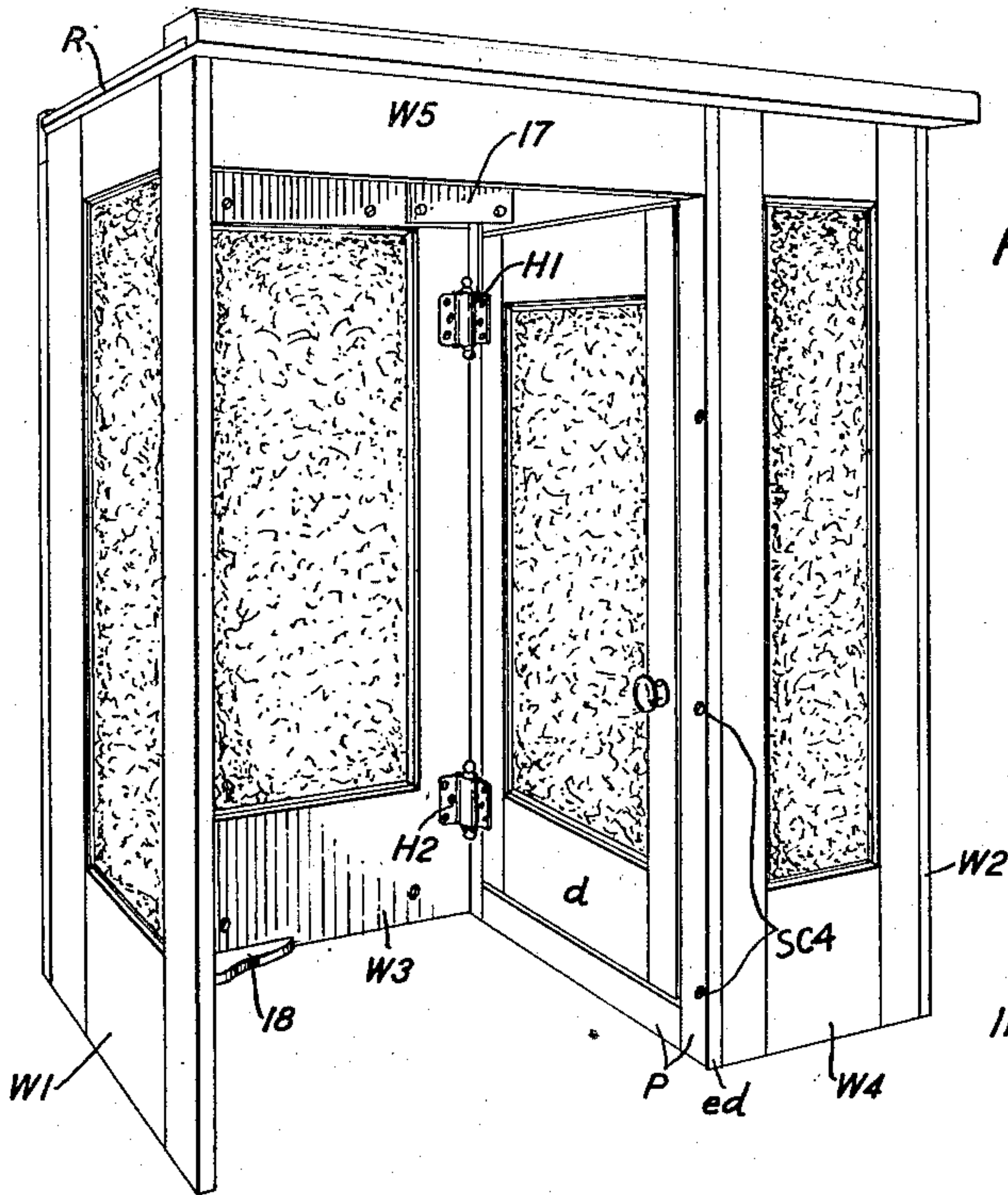


FIG. 2



INVENTORS: H. I. BEARDSLEY
H. W. MEEHAN
BY

Walter C. Kiesel

ATTORNEY

2,438,891

3 Sheets-Sheet 3

FIG. 8

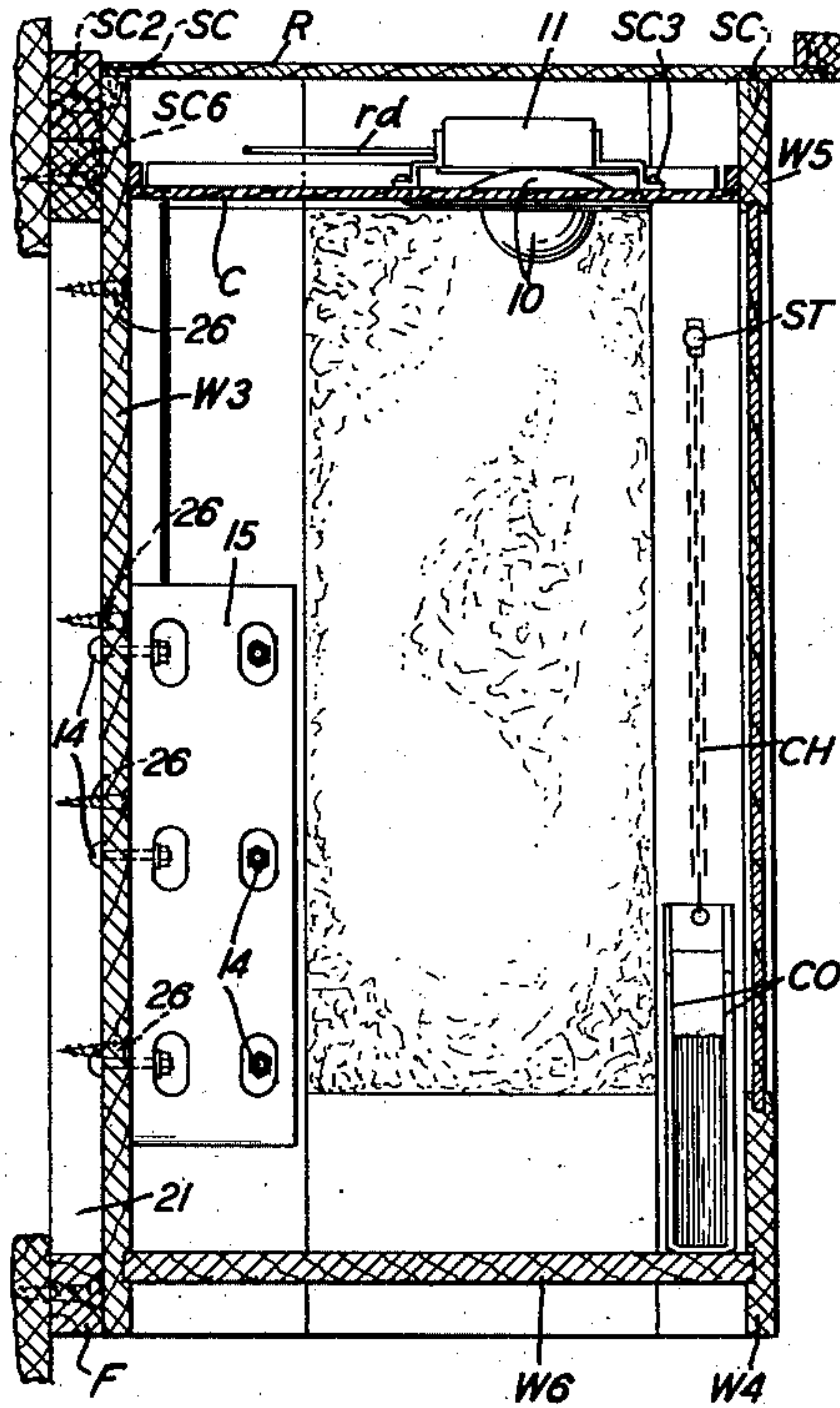
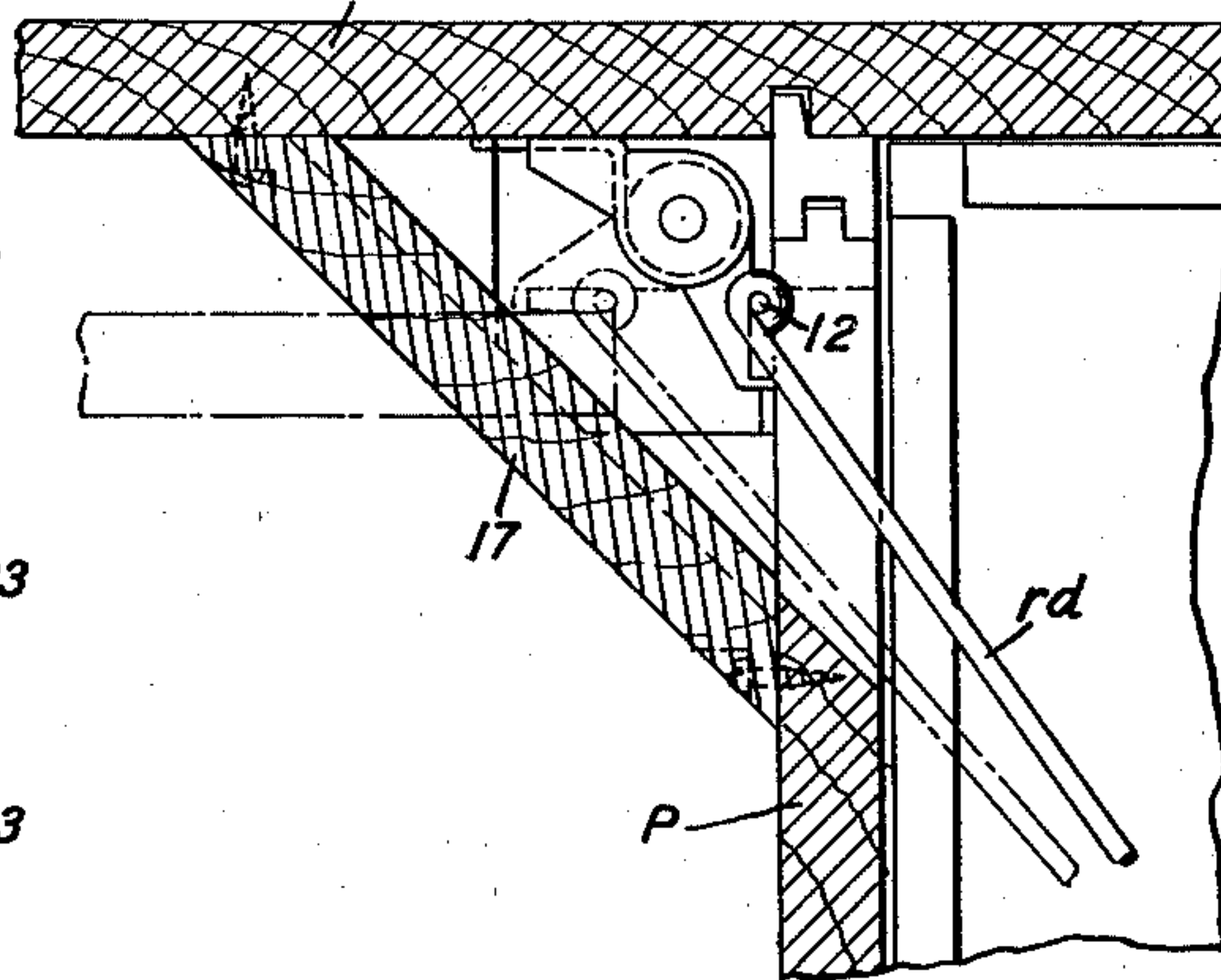


FIG. 10



ATTORNEY

UNITED STATES PATENT OFFICE

2,438,891

TELEPHONE BOOTH

Harry I. Beardsley, Chatham, N. J., and Howard W. Meehan, Scarsdale, N. Y.; said Beardsley assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York, and said Meehan assignor to American Telephone and Telegraph Company, a corporation of New York

Application May 11, 1944, Serial No. 535,152

2 Claims. (Cl. 20—3.5)

1

This invention relates to telephone booths of the hood type.

The object of this invention is the provision of a telephone booth of the type above referred to for indoor and outdoor use which will be simple in construction, cheap to manufacture and wherein the telephone apparatus is effectively protected from dust, rain and other adverse weather conditions.

According to this invention, a telephone booth of the hood type is provided in which a number of walls and a roof forming the booth cooperate with a partition to form a compartment within the booth proper for housing the telephone apparatus, the partition having an opening fitted with a door movable from its closed position to a point substantially in line parallel relative to the rear wall of the booth so as to permit access to the telephone apparatus in the interior of the compartment.

A ceiling in the compartment cooperates with the roof of the booth to form a second compartment for housing a lighting fixture and a switching mechanism. Such mechanism is actuated by the opening and closing of the door in the partition for controlling the operation of a lamp in a manner to light the compartment upon the opening of the door and to extinguish the lamp upon the closing of the door, which closing is effected by spring means tensioned during the movement of the door toward its open position.

Means in the compartment is provided for reinforcing the booth and for supporting the telephone apparatus in the form of a coin-collector device. The lower disposed wall of the compartment serves as a shelf for receiving a telephone directory, and another shelf secured to the booth walls outside of the compartment, serves as a writing shelf.

A frame secured to the rear wall of the booth is provided with means interengaging with means carried by a second frame adapted to be secured to a wall interiorly or exteriorly of a room the latter wall serving as a support for the booth assembly.

Other novel features of this 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 a view of the telephone booth shown in perspective with the door of the compartment in the open position;

Fig. 2 is a view similar to Fig. 1 but showing the door of the compartment in the closed position;

2

Fig. 3 is a front elevation with the hinges of the door in section;

Fig. 4 is a vertical section of the booth taken on line 4—4 of Fig. 3; the door of the compartment being shown in closed position;

Fig. 5 is a horizontal sectional view taken on lines 5—5 of Fig. 3 showing the telephone apparatus mounted on a bracket, and the telephone directory supported by a chain from one of the side walls at the interior of the compartment.

Fig. 6 is a partial plan view in horizontal section taken on line 6—6 of Fig. 3; showing the lighting fixture and its operating connection with the door of the compartment;

Fig. 7 is a vertical section taken on line 7—7 of Fig. 5; showing the coin-collector in position in the compartment;

Fig. 8 is a vertical section taken on line 8—8 of Fig. 5; showing the manner of securing the bracket for the coin-collector to the rear wall and side wall in the compartment;

Fig. 9 is a detailed view showing frames for securing the booth to a support; and

Fig. 10 is a partial view enlarged showing the operating connection of the door to the switching device controlling the operation of the lighting fixture.

The telephone booth of this invention consists of two side walls W1, W2, a rear wall W3 and front wall portions W4 and W5, the portion W5 of the front wall cooperating with the side wall W1 and the front molding portion *ed* of a partition P to form an entrance for the booth. A roof R is secured, by a plurality of screws SC best seen in Figs. 4, 7 and 8, to the side walls W1 and W2, to the rear wall W3 and to the front wall portions W4 and W5 and serve to hold these walls in assembled relation to each other at their upper end.

The partition P is fitted by tongues and grooves to the rear wall W3 and to the front wall portions W4 and W5 as shown in Fig. 6 and is secured to the roof R as by a number of screws SC1 shown in Fig. 7, while the partition, as shown in Fig. 4 is secured along the front wall portion W4 by a number of screws SC4. The partition P is provided with a rectangular opening OP best seen in Fig. 1 fitted with a door *d*, pivoted to the rear wall W3 as by a pair of hinges H1 and H2 having springs *sp* shown in Fig. 3 serving to move the door automatically from its open position shown in Fig. 1 to the closed position as shown in Figs. 2, 3, 4 and 5 when released by the occupant of the booth following the completion of a telephone conversation.

The side wall W2, the front wall portion W4, and the rear wall W3 cooperate with the partition wall P to form a compartment for the telephone apparatus and to these walls and partitions are secured as by a number of screws SC8, wooden strips or cleats c1, c2, c3, c4 provided for securing, as by a number of wooden screws, a ceiling C forming in cooperation with the roof R a second compartment. Ceiling C is provided with an opening OP2 best seen in Fig. 6 in which is fitted a lighting fixture 10 having arms b and b1 secured to the ceiling as by a plurality of screws SC3, while a switching mechanism (not shown) enclosed in a casing 11 forming a part of the lighting fixture is operatively connected to the door d by a rod rd having one end engaging pin 12 carried by a crank 13 secured to the door d adjacent the top-disposed hinge H1 of the door and extending into the compartment formed by the ceiling C and the roof R.

An angle piece 17 shown in Figs. 1, 2, 4, 6 and 10 secured to the top end portion of rear wall W3 and to the partition wall P is provided for housing the crank 13 and this end of the connecting rod for preventing access to the switching mechanism by unauthorized persons.

To the corner of the compartment formed by the right side wall W2 and rear wall W3 is secured, as by a plurality of screws 14, a reinforcing bracket 15 best seen in Figs. 5 and 8 to which is secured the telephone apparatus 16 and to the right-side disposed wall W2, to the wall portion W4, to the rear wall W3 and the partition wall P at the lower end portion of the compartment thus formed is secured a bottom wall W6 serving to reinforce the booth at its lower end while serving as a shelf at the interior of the compartment in addition to a shelf 18 secured to the rear wall W3 and to side wall W1 as by a plurality of similar screws 19.

To the rear wall of the booth as shown in Figs. 4, 5, 6, 7 and 8 is secured as by a plurality of similar screws SC2 an inverted L-shaped frame, shown in detail in Fig. 9, the vertically disposed arm 22 of which is provided with holes H3 and H4 for engagement with dowel pins d1 and d2 carried by the vertically disposed side molding 20 of a rectangularly shaped frame F. The moldings 20 and 21 of this frame are provided with similar clearance holes 23 for receiving screws SC6 Figs. 4, 5, and 8 serving for securing frame F to an outside or inside wall of a house or to any convenient upright support as the case may be, while the L-shaped frame as above mentioned is secured to the booth by the screws SC2 and the booth in turn is secured to the rectangular shaped frame F and to the L-shaped frame as shown in Figs. 4, 5, 7 and 8 by a number of similar screws 26 inserted from the interior of the booth in addition to screws SC2 the latter extending through similar clearance holes 27 in each of the frames for engaging the rear wall W3 and the side wall W1 of the booth

as best seen in Figs. 5 and 6. According to this construction, the engagement of the dowel pins d1 and d2 carried by the rectangularly shaped frame, in the holes H3 and H4 of the inverted L-shaped frame in addition to the securing of the rear wall of the booth to both the L-shaped frame and the rectangularly shaped frame F to the support of the booth afford a strong securing arrangement against any unauthorized attempt at removing the booth from its support.

A stud ST secured to the side wall W2 is provided for hooking one end of a chain CH to the other end of which is attached the cover CO of a telephone directory, the chain being made of any desired length so as to support the directory vertically as shown in Fig. 8 or of sufficient length so as to permit the directory to lay flat-wise on the bottom disposed wall W6 of the compartment.

What is claimed is:

1. A telephone booth having a rear wall, two side walls, a front wall section and a roof, a partition having a door dividing said booth and forming in cooperation with one of said side walls, a portion of said rear wall and roof a compartment for the patron using the booth, said partition cooperating with the remaining portion of said rear wall, the other of said side walls and said front wall section to form a compartment for the telephone apparatus, the said one side wall cooperating with said front wall section and said roof to form an entrance for the booth, said door in the open position giving access to the telephone apparatus from the first-mentioned compartment.

2. A telephone booth having a rear wall, two side walls, a front wall section and a roof, a partition dividing said booth from front to rear and forming, in cooperation with said front wall section, one of said side walls, a portion of said rear wall and a portion of said roof a compartment for the telephone apparatus, said partition having an opening therein and a door fitting said opening, said door being hinged to an intermediate part of said rear wall, the other side wall and the remaining portions of said rear wall and roof forming in cooperation with the remainder of the booth a compartment for protecting a patron from the weather when using the booth.

HARRY I. BEARDSLEY.
HOWARD W. MEEHAN.

REFERENCES CITED

The following references are of record in the file of this patent:

UNITED STATES PATENTS

Number	Name	Date
522,856	Sanderson	July 10, 1894
822,493	Turner	June 5, 1906
1,779,482	Martin, Jr.	Oct. 28, 1930
1,979,072	Kuntz	Oct. 20, 1934
2,215,799	Sherron	Sept. 24, 1940