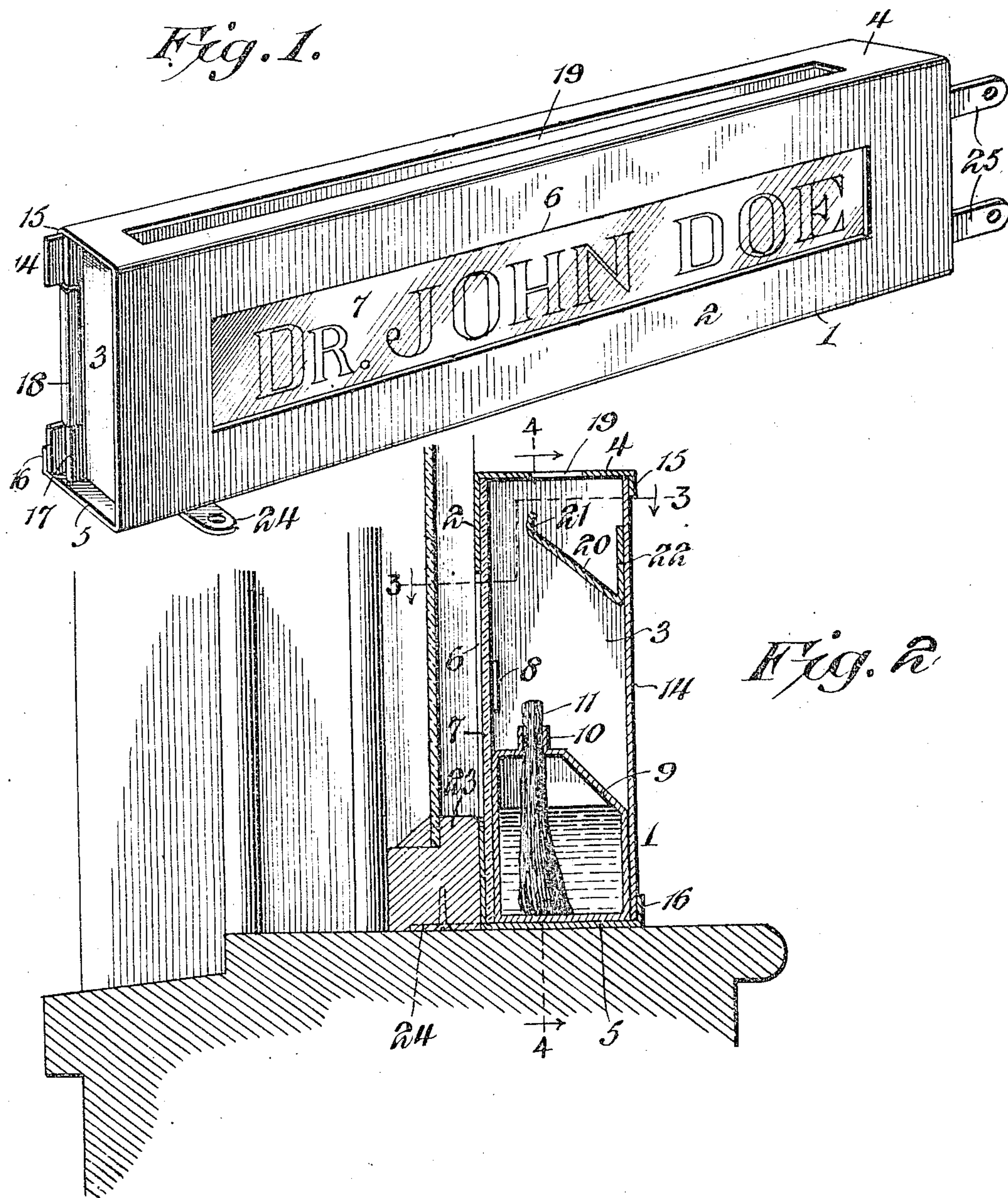


No. 831,664.

PATENTED SEPT. 25, 1906.

O. HERRMANN.
ILLUMINATED SIGN.
APPLICATION FILED APR. 3, 1906.

2 SHEETS—SHEET 1.



Oscar Herrmann, Inventor,

By

E. G. Siggers

Attorney

Witnesses

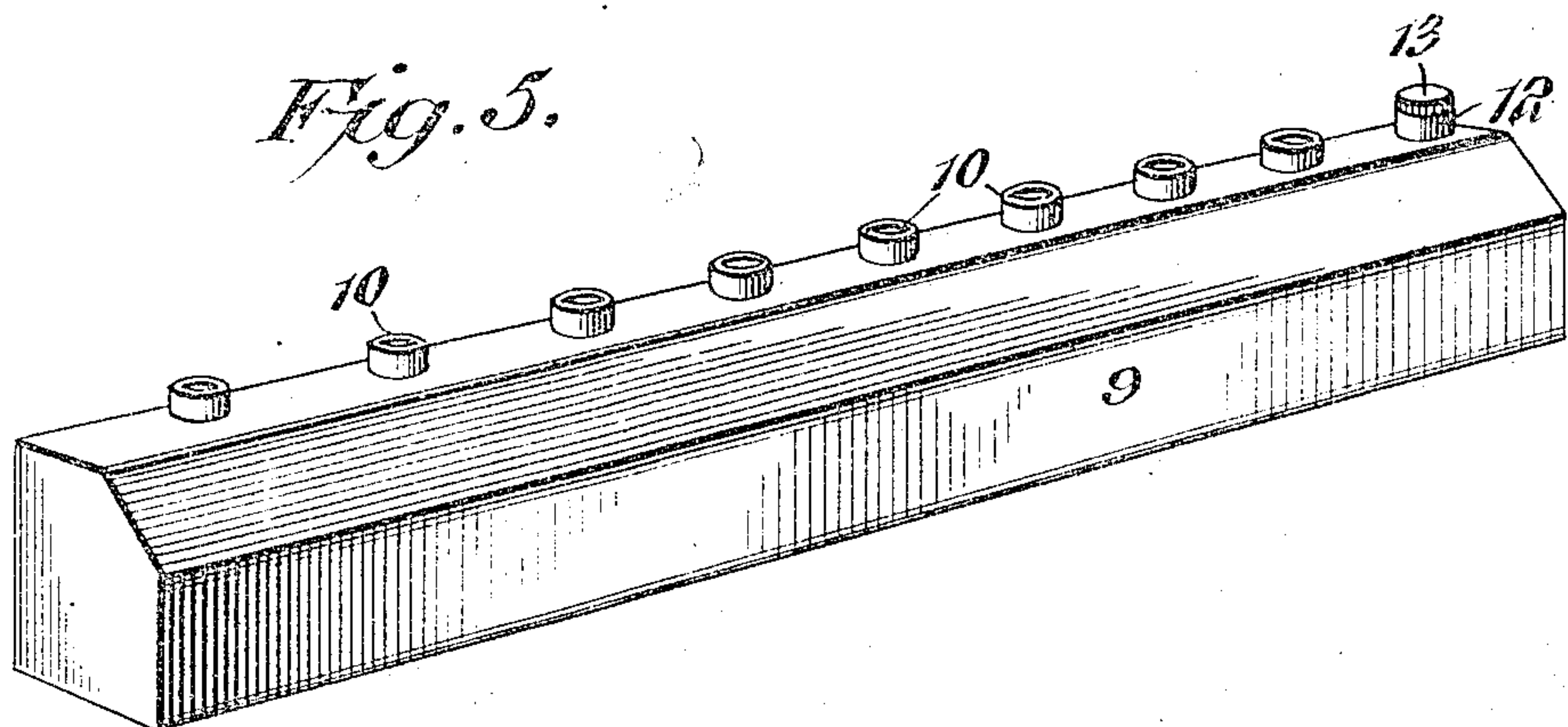
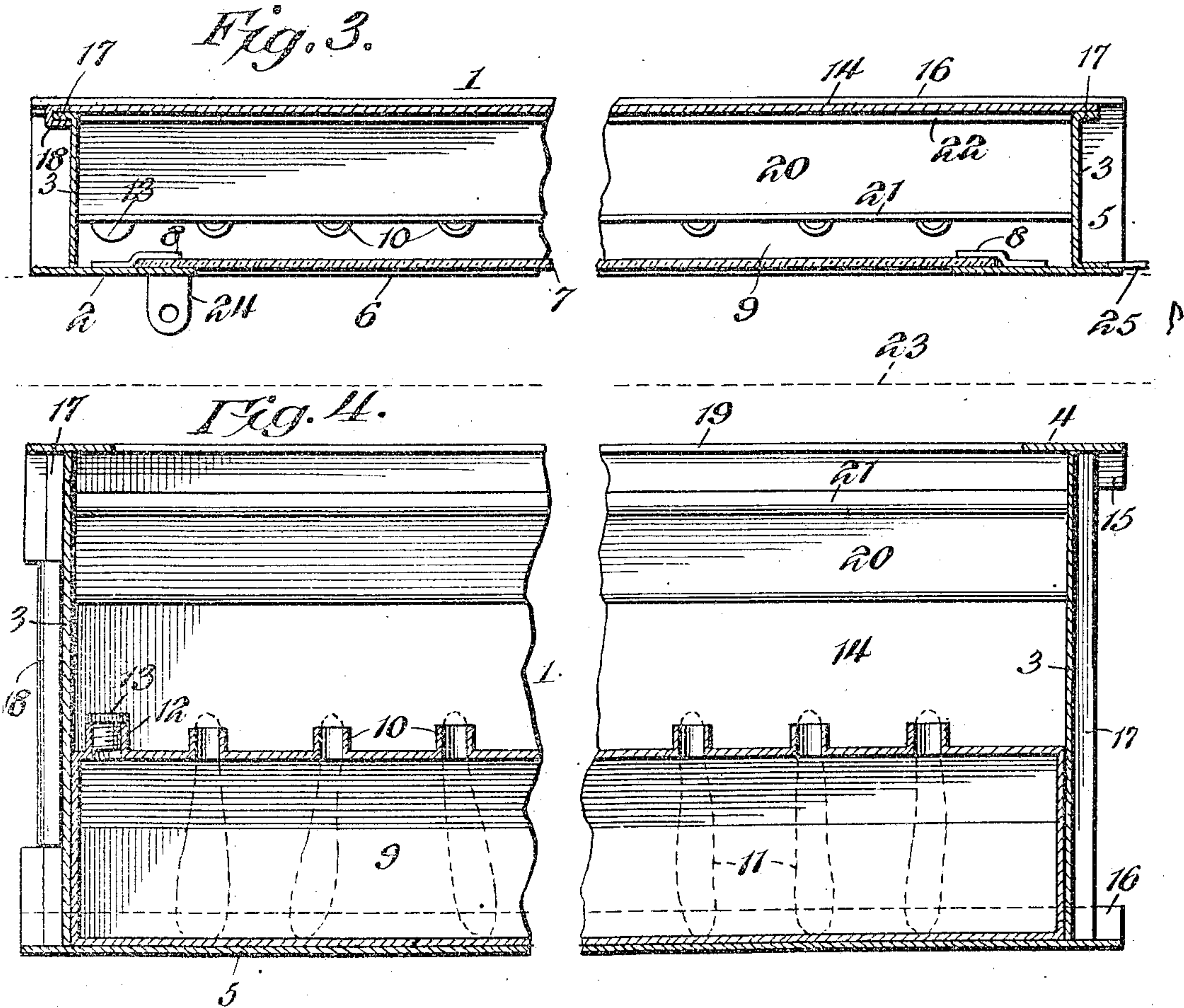
Howard D. Orr
J. F. P. Lee

No. 831,664.

PATENTED SEPT. 25, 1906.

O. HERRMANN.
ILLUMINATED SIGN.
APPLICATION FILED APR. 3, 1906.

2 SHEETS—SHEET 2.



Oscar Herrmann, Inventor,

By *E. J. Siggers*

Attorney

Witnesses

Howard D. Orr.
J. F. Piles

UNITED STATES PATENT OFFICE.

OSCAR HERRMANN, OF BROWN STATION, NEW YORK.

ILLUMINATED SIGN.

No. 831,664.

Specification of Letters Patent.

Patented Sept. 25, 1906.

Application filed April 3, 1906. Serial No. 309,614.

To all whom it may concern:

Be it known that I, OSCAR HERRMANN, a citizen of the United States, residing at Brown Station, in the county of Ulster and State of New York, have invented a new and useful Illuminated Sign, of which the following is a specification.

The invention relates to improvements in signs.

The object of the present invention is to improve the construction of signs and to provide an illuminated one designed particularly for the use of physicians and adapted to be readily mounted on the interior of a window for displaying the name of a doctor or other matter.

A further object of the invention is to provide a sign of this character adapted to be secured to the lower sash of a window and to be carried by the same in its vertical movement and capable also of affording ready access to the lighting device and of preventing the flame from injuring the curtain or draperies of a window.

With these and other objects in view the invention consists in the construction and novel combination and arrangement of parts hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claims hereto appended, it being understood that various changes in the form, proportion, size, and minor details of construction within the scope of the claims may be resorted to without departing from the spirit or sacrificing any of the advantages of the invention.

In the drawings, Figure 1 is a perspective view of an illuminated sign constructed in accordance with this invention. Fig. 2 is a transverse sectional view of the sign, showing the same applied to the lower sash of a window. Fig. 3 is a horizontal sectional view taken substantially on the line 3-3 of Fig. 2. Fig. 4 is a longitudinal sectional view, the sign being broken away at the center. Fig. 5 is a detail perspective view of the oil-reservoir.

Like numerals of reference designate corresponding parts in all the figures of the drawings.

1 designates an oblong casing constructed of suitable sheet metal and composed of a front wall 2, end walls 3, a top wall 4, and a bottom 5. The front wall is provided with a longitudinal aperture 6 for exposing a transparent sign plate or piece 7, which is designed

to bear the name of a physician or other matter to be displayed.

The transparent sign-plate is preferably constructed of glass, and it is secured to the inner face of the front wall 2 of the casing by means of lugs 8, located at each end of the transparent sign-plate and consisting of small plates or pieces of sheet metal or other suitable material secured to the inner face of the front wall of the casing and having projecting portions for engaging the sign-plate. The projecting portions are adapted to be readily bent out of engagement with the plate should it be desired to remove the same for any purpose.

The sign is illuminated by means of a lighting device consisting of an oil-reservoir 9, arranged upon the bottom of the casing and extending the entire length of the same and provided at intervals with wick or burner tubes 10, adapted to receive wicks 11. The oil-reservoir is provided at one end with a suitable filling-opening having a projecting flange 12, which receives a threaded closure 13.

The oil-reservoir is removable from the casing, which is provided with a slidable rear wall or back 14. The back 14 is arranged in suitable ways, consisting of upper and lower flanges 15 and 16, formed by bending the rear edges of the top and bottom 4 and 5 at right angles, as shown. The end walls are spaced from the end edges of the front wall and the top and bottom of the casing and are provided at their rear vertical edges with outturned flanges 17, one of which is engaged by a projecting flange or portion 18 of the removable back, as clearly shown in Fig. 3 of the drawings.

The top of the casing is provided with a longitudinal slot 19 for the escape of heat and other products of combustion, and in order to prevent the flames of the lighting device from flaring through the slot and injuring the curtains and draperies by smoke or heat the sign is provided with a combined guard and reflector 20, having an inclined portion extending upwardly and forwardly from the back of the casing, as clearly illustrated in Fig. 2 of the drawings, and terminating short of the front wall of the same, but at a point in advance of the slot 19, whereby it is interposed between the lights and the said slot 19. The hot air is permitted to escape around the combined guard and reflector, which is provided with front and rear flanges 21 and 22, extending upwardly

from the front and rear edges of the inclined reflecting portion and adapted to stiffen the combined guard and reflector. The rear wall extends upwardly to approximately the plane of the upper edge of the inclined portion, the combined guard and reflector being substantially V-shaped in cross-section, as shown.

The sign is secured to the lower sash 23 of a window by means of a bottom lug 24 and end lugs 25. These lugs, which are provided with perforations to receive screws or other suitable fastening devices, fit against the sash and are secured to the same; but the sign may be mounted on a window in any other desired manner, and it may be advantageously employed for a variety of purposes, but will be found to be especially advantageous as a doctor's sign.

The substantially V-shaped combined reflector and guard forms an upper groove or gutter, which is located directly beneath the slot 19 and which is adapted to catch anything falling into the casing and prevent the same from coming in contact with the lighting device.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. An illuminated sign comprising a casing provided with an aperture, a sign plate or piece arranged at the aperture, a lighting device located within the casing in rear of the sign plate or piece, and a combined guard and reflector having an inclined portion located above the lighting device.

2. An illuminated sign comprising a casing provided at the top with an opening for the escape of heat, and having a transparent sign plate or piece at its front, a lighting device arranged within the casing in rear of the sign plate or piece, and a combined guard and reflector interposed between the lighting device and the escape-opening and having an inclined portion for throwing the light upon the transparent sign plate or piece.

3. An illuminated sign comprising a casing provided in its top with a longitudinal slot, a lighting device, and a combined guard and reflector interposed between the lighting device and the top of the casing, and having an inclined portion extending upwardly and forwardly from the back of the casing and terminating at its front edge in advance of the said slot, the front edge of the combined guard and reflector being spaced from the front wall of the casing to provide a passage for the heated air.

4. An illuminated sign comprising a casing provided at the top with an outlet for the escape of heated air, a lighting device located within the casing, and a combined guard and reflector interposed between the outlet and the lighting device and forming an upper groove or gutter.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

OSCAR HERRMANN.

Witnesses:

OTTO GREENBERGER,
B. B. ZIPPERT.