

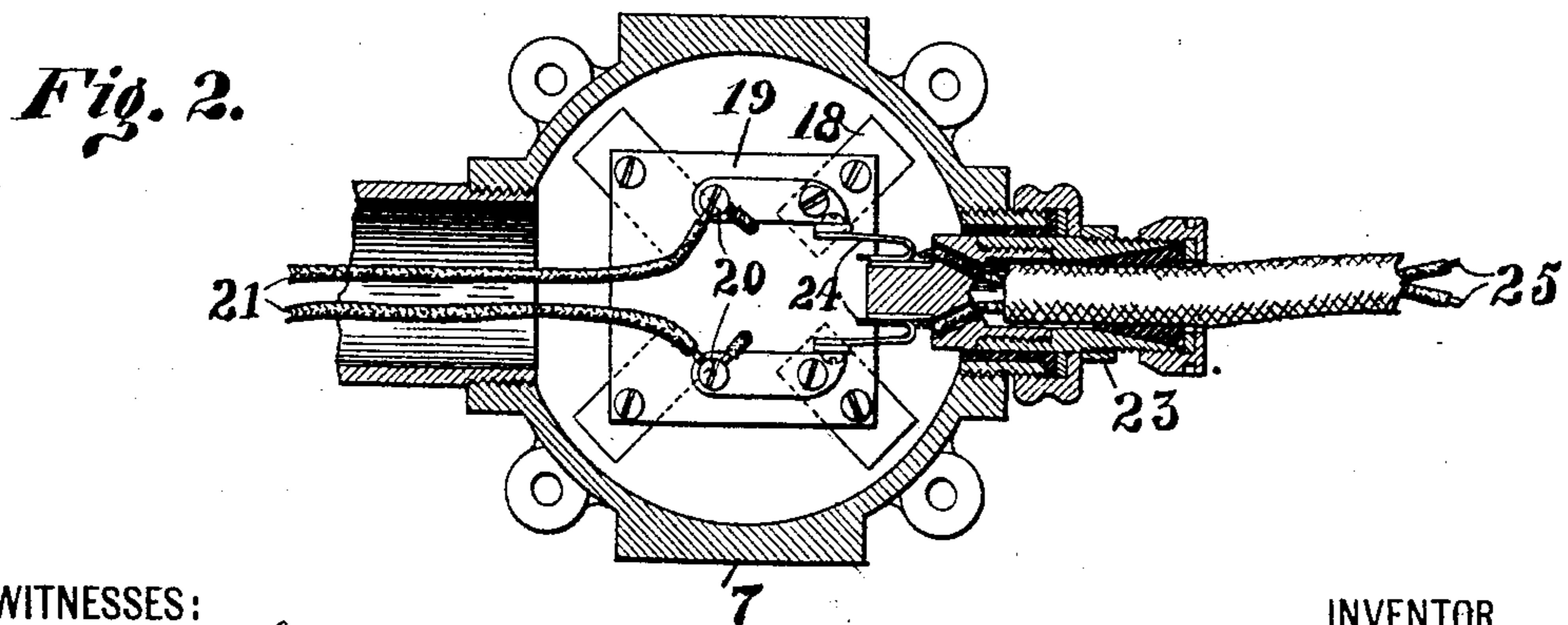
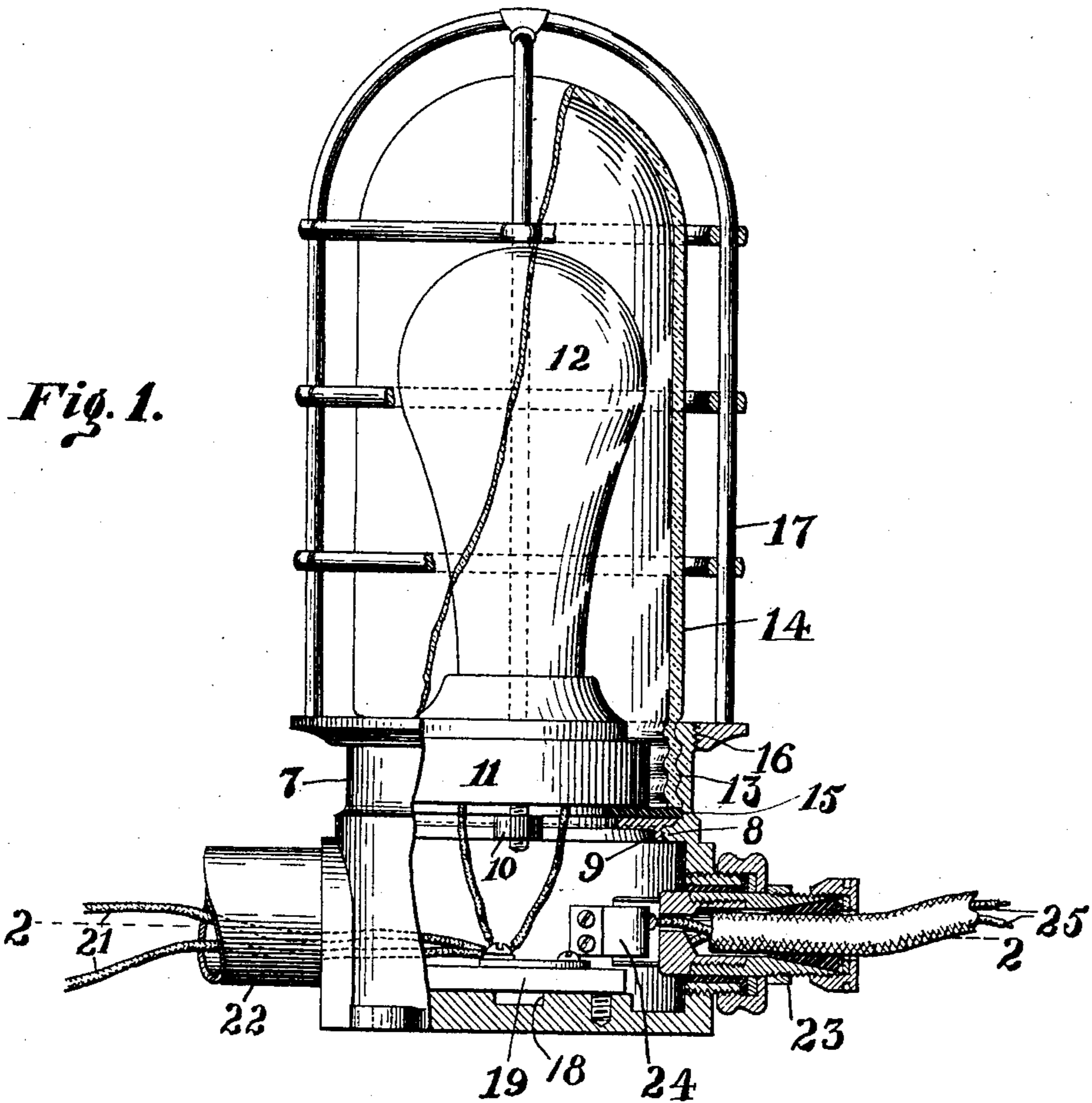
No. 771,259.

PATENTED OCT. 4, 1904.

G. L. MARTIN.
ELECTRIC FIXTURE.
APPLICATION FILED FEB. 2, 1903.

NO MODEL.

2 SHEETS—SHEET 1.



WITNESSES:

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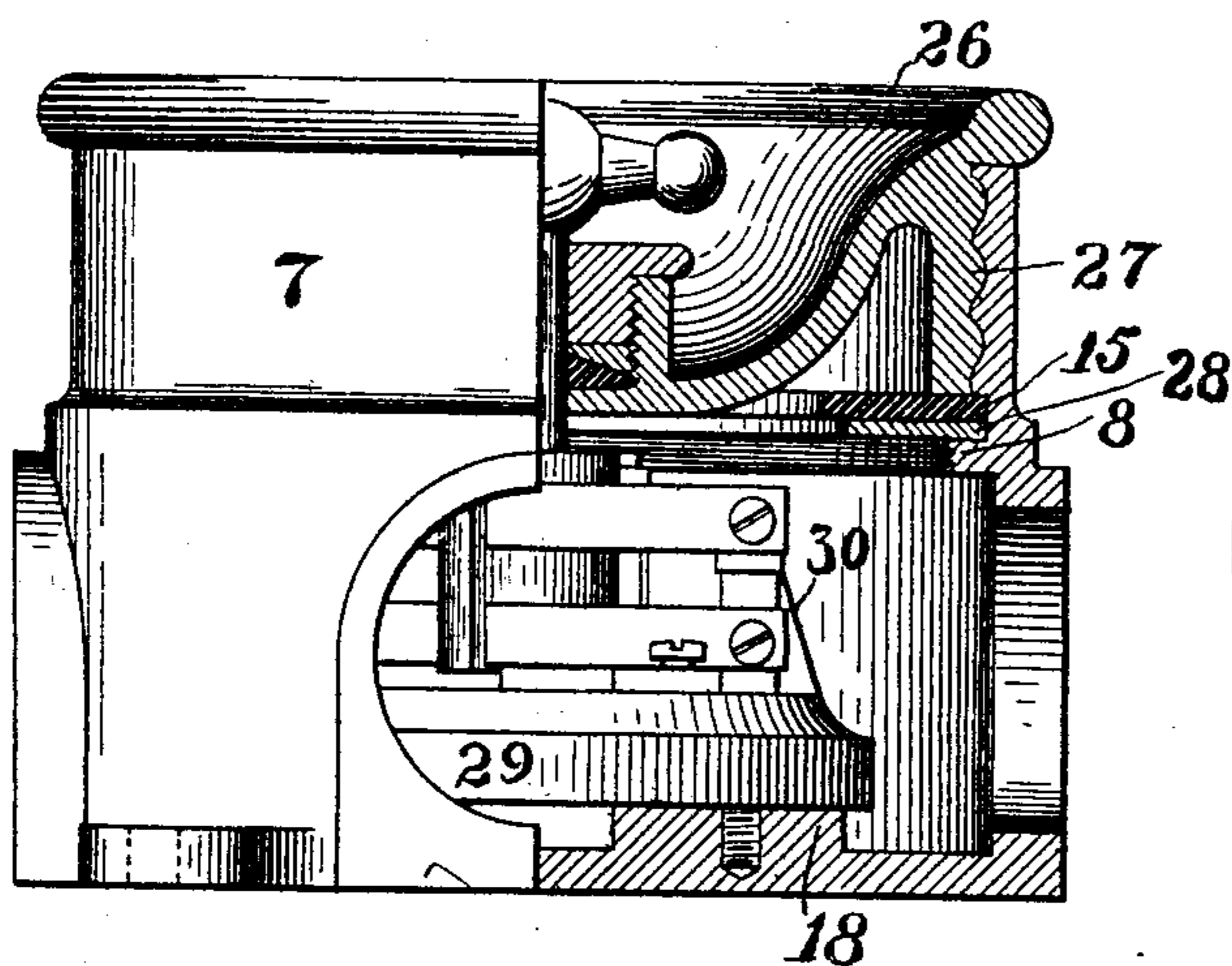


Fig. 4.

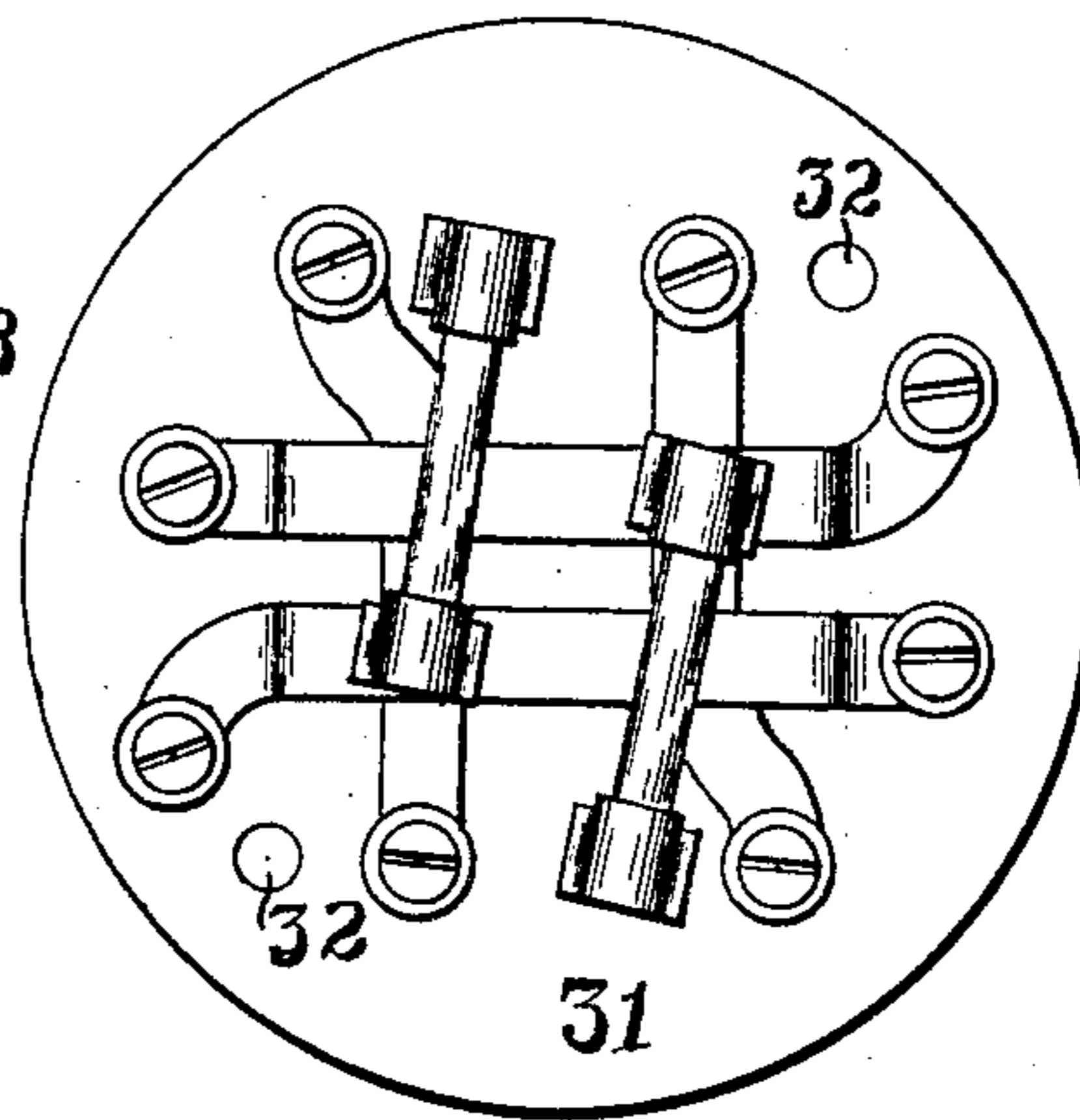


Fig. 6.

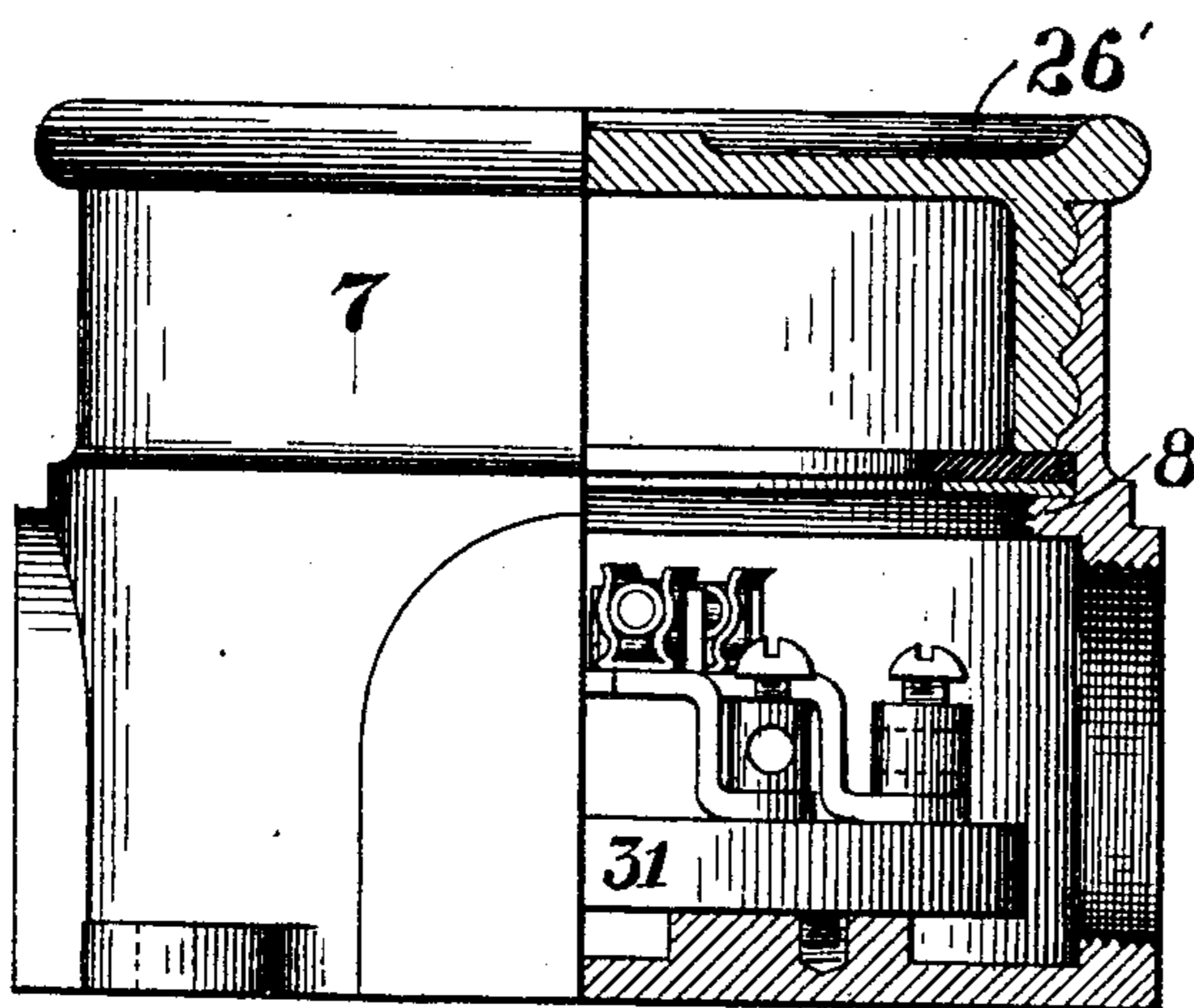


Fig. 5.

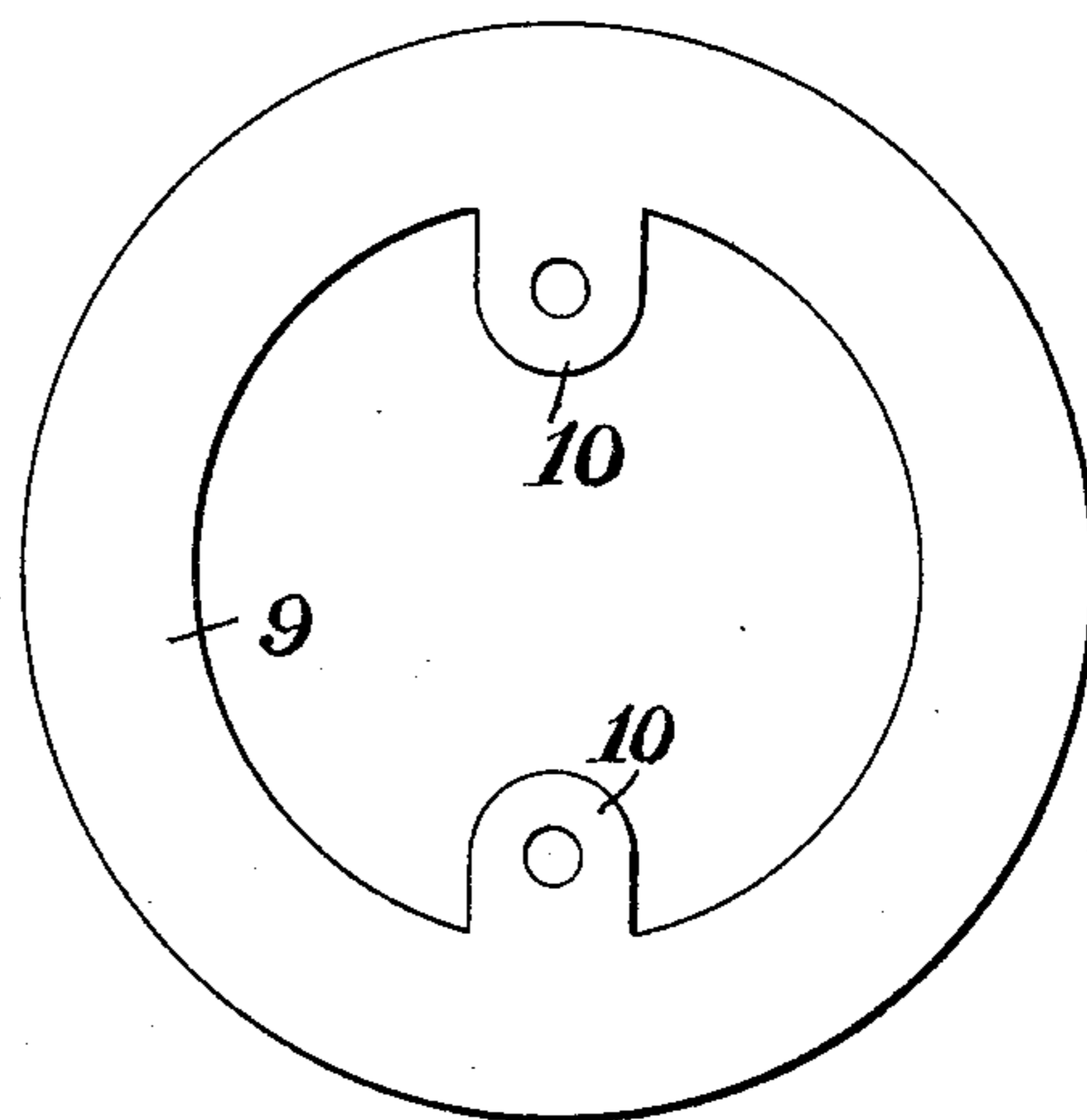


Fig. 3.

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GEORGE L. MARTIN, OF NEW YORK, N. Y.

ELECTRIC FIXTURE.

SPECIFICATION forming part of Letters Patent No. 771,259, dated October 4, 1904.

Application filed February 2, 1903. Serial No. 141,543. (No model.)

To all whom it may concern:

Be it known that I, GEORGE L. MARTIN, a citizen of the United States, residing at New York, in the county and State of New York, have invented a new and useful Electric Fixture, of which the following is a specification.

My invention relates to electric fixtures especially adapted for marine work; and the object thereof is to provide an outlet-box for work of this kind that shall be water-tight, simple, and cheap to manufacture; second, to connect an electric-light globe and guard with said box in a water-tight manner; third, to provide means for tapping said box for a portable lamp whenever desired while keeping the box water-tight; fourth, to so construct a box of this kind that it may be quickly changed into a switch or fuse box, if desired.

My invention is fully illustrated in the accompanying drawings, in which—

Figure 1 is an elevation of an outlet-box, light-globe, and guard embodying my invention, a part being broken away to show the construction. Fig. 2 is a sectional view on the line 2 2 of Fig. 1. Fig. 3 is a detail of construction shown in Fig. 1. Fig. 4 is a view of the outlet-box, partly in section, adapted to be used as a switch-box. Fig. 5 is a similar view showing the same as a fuse-box; and Fig. 6 is a plan view of a four-way fuse, showing how the same may be mounted in the outlet-box.

In the accompanying drawings the several parts of my invention are indicated by numerals of reference, and in practice I provide an outlet-box 7, formed in one piece of metal and having intermediate of the interior side walls thereof a shoulder or flange 8, to which may be secured an annulus 9, which may be provided with the lugs 10, to which may be secured the electric-lamp base 11, carrying the bulb 12. The interior of the outlet-box above the flange 8 is provided with a screw-thread adapted to glass, as shown at 13, and in engagement therewith is a globe 14, inclosing the bulb 12 and which is screwed into the top part of said outlet-box until it comes in tight contact with a gasket 15, mounted on the top of the annulus 9, so that water cannot pass to the interior of the box. The box

is also provided with an exterior screw-thread 16, on which is mounted the guard 17, as clearly shown in Fig. 1. The base of the box is provided with interior radial supports or bosses 18, on which may be mounted a base 19, carrying binding-screws 20, with which wires 21 may be connected and then connected with the lamp-bulb, as clearly shown in Fig. 1, said wires passing into the box through the tube 22.

To provide for the ready tapping of the current within the box, I mount in one of the ports of the box a plug 23 of substantially the construction shown in Figs. 1 and 2, and on the base 19 I mount contact-plates 24 in electrical connection with the wires 21 and in engagement with the plug 23, and in the plug I mount short wires 25, with which the wires of a portable light may be quickly connected, thus taking current from the interior of the box without endangering the admission of water thereto.

In Fig. 4 I have shown my outlet-box used as a switch-box, the cover 26 being adapted to be screwed into the upper part of the outlet-box above the ledge or flange 8 and being provided with a flange 27, adapted to be screwed against the gasket 15 to form a water-tight seal. Instead of the annulus 9, however, screwed to the flange 8, as in Fig. 1, I may simply use an annular band 28, adapted to rest upon the flange 8 to form a sufficient base or support for the gasket, and as nothing is secured to this ring when used with the switch or fuse, as in the next figure, there is no strain upon it, and it need not be secured to the flange. As the radial bosses or lugs 18 in the outlet-box form a support for various-sized bases, the base 29 of the switch need not be the same size as the base 19 of the contact; but it would be preferable to make them the same size or at least place the screw-holes at equal distances apart, so that the bosses need be bored and tapped but once.

In Fig. 5 I have shown the outlet-box adapted as a fuse-box, the construction being the same as in Fig. 4, except the cover 26', which is made in a simpler manner. In Fig. 6 I have shown a four-way fuse mounted on a base 31 and having screw-holes 32, by means

of which it may be secured to the outlet-box, as previously described. This figure is given to illustrate the securing of both the switch and fuse to the outlet-box, the one plan view
5 answering for both. It will thus be seen that I have provided an outlet-box adapted to various purposes and have combined therewith an electric light and a plug in a simple and efficient manner.

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

1. An electric-light fixture comprising an outlet-box composed of one piece of metal
15 and having a flange intermediate of the interior walls thereof, an annulus mounted on said flange, a lamp bulb and base secured to said annulus, a gasket mounted thereon, a globe screwed into the top part of said box and in

engagement with said gasket, and a guard 20 screwed on the exterior of said box, as and for the purpose set forth.

2. An electric-light fixture comprising an outlet-box, a lamp connected therewith, a globe inclosing the same in a water-tight manner, a 25 base mounted in the base of said box, contact-plates on said base, wires in engagement with said plates and with said lamp, and a plug in engagement with said contact-plates, as and for the purpose set forth. 30

In testimony whereof I have hereunto subscribed my name in the presence of two subscribing witnesses.

GEORGE L. MARTIN.

Witnesses:

ANTHONY SCHLATTER,
KURT STOYE.