

May 13, 1924.

1,493,487

S. FRANKENSTEIN

LIGHT

Filed Oct. 31, 1923

3 Sheets-Sheet 1

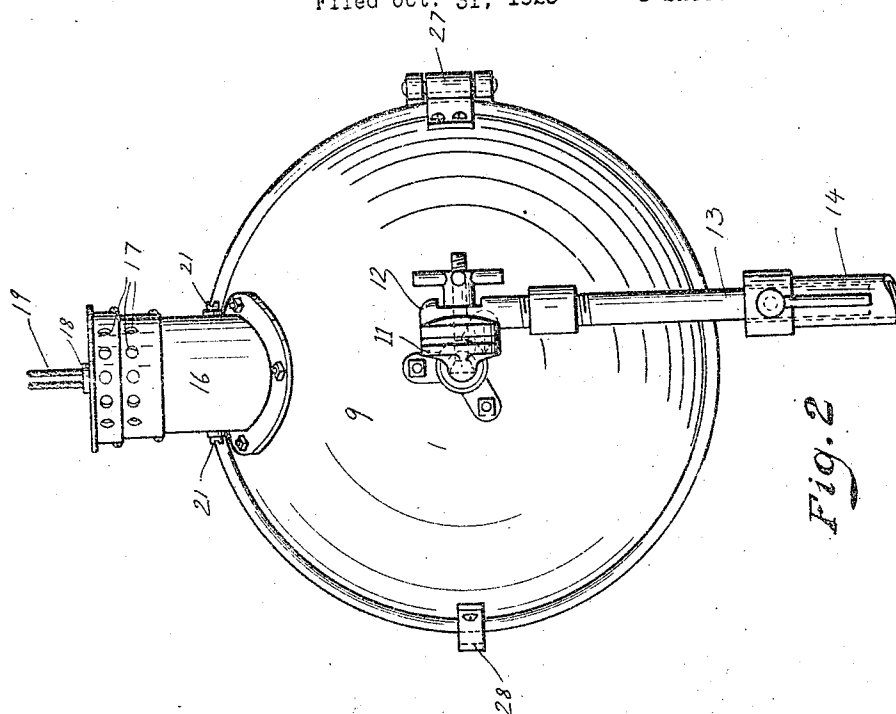


Fig. 2

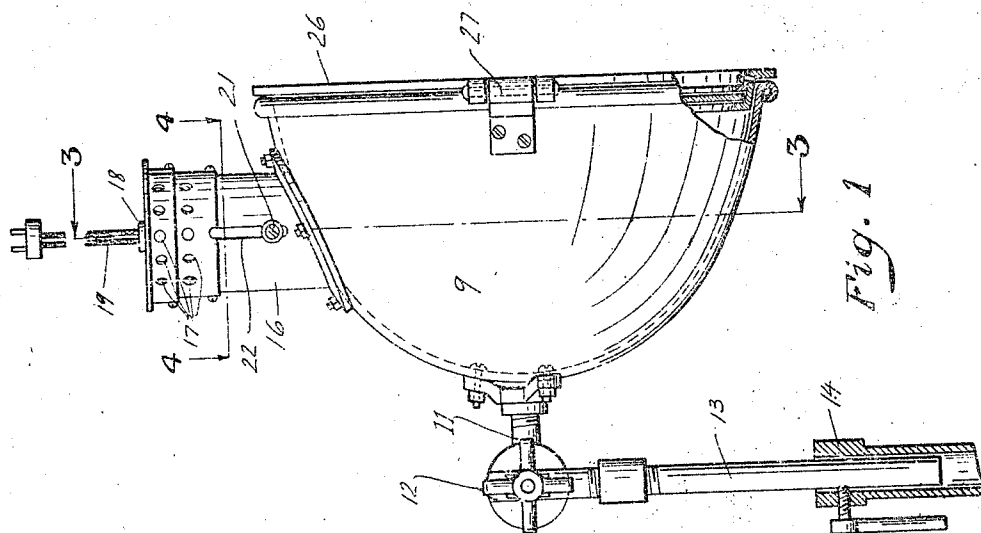


Fig. 1

Witnesses:

Wm. Schnellhardt.

B. G. Richards

Inventor
Samuel Frankenstein
By Joshua R. H. Potts
Attorney

May 13, 1924.

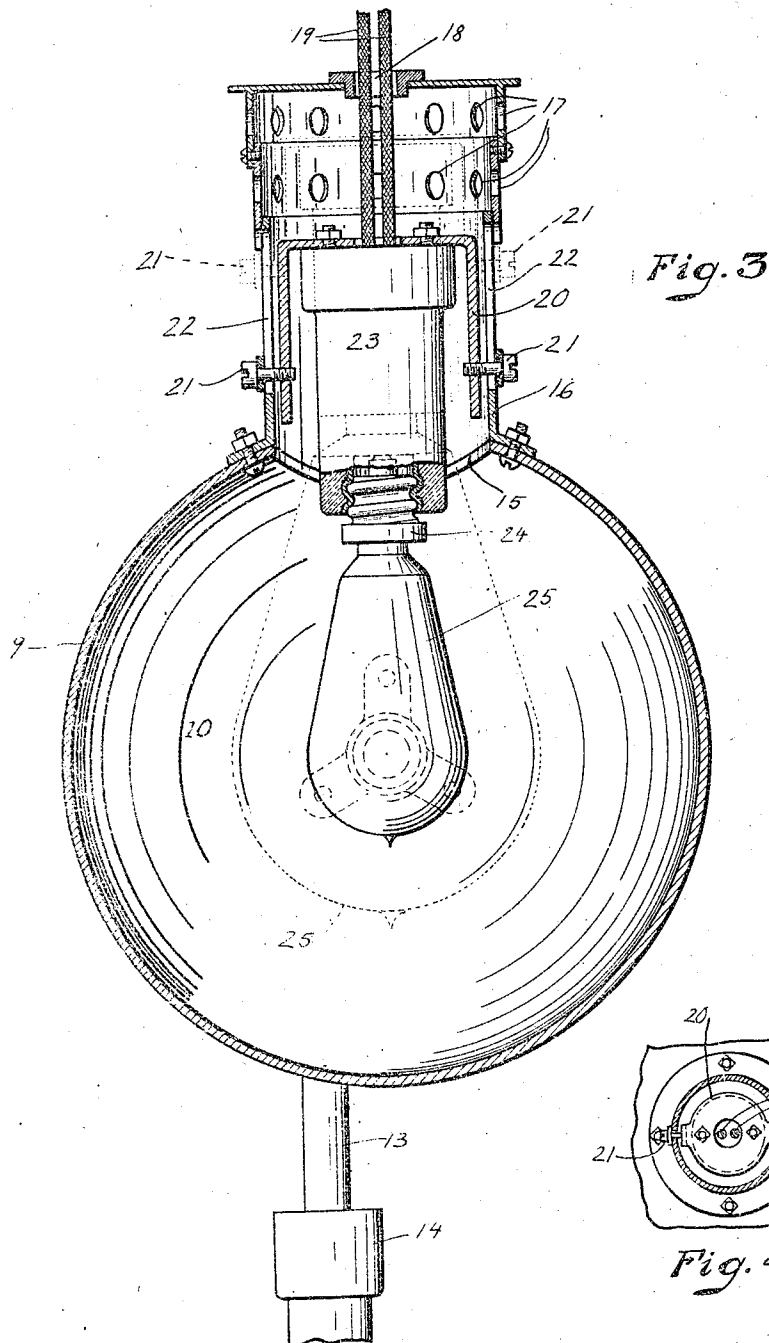
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B. G. Richards

Inventor
Samuel Frankenstein
By Joshua R. H. Potts
His Attorney

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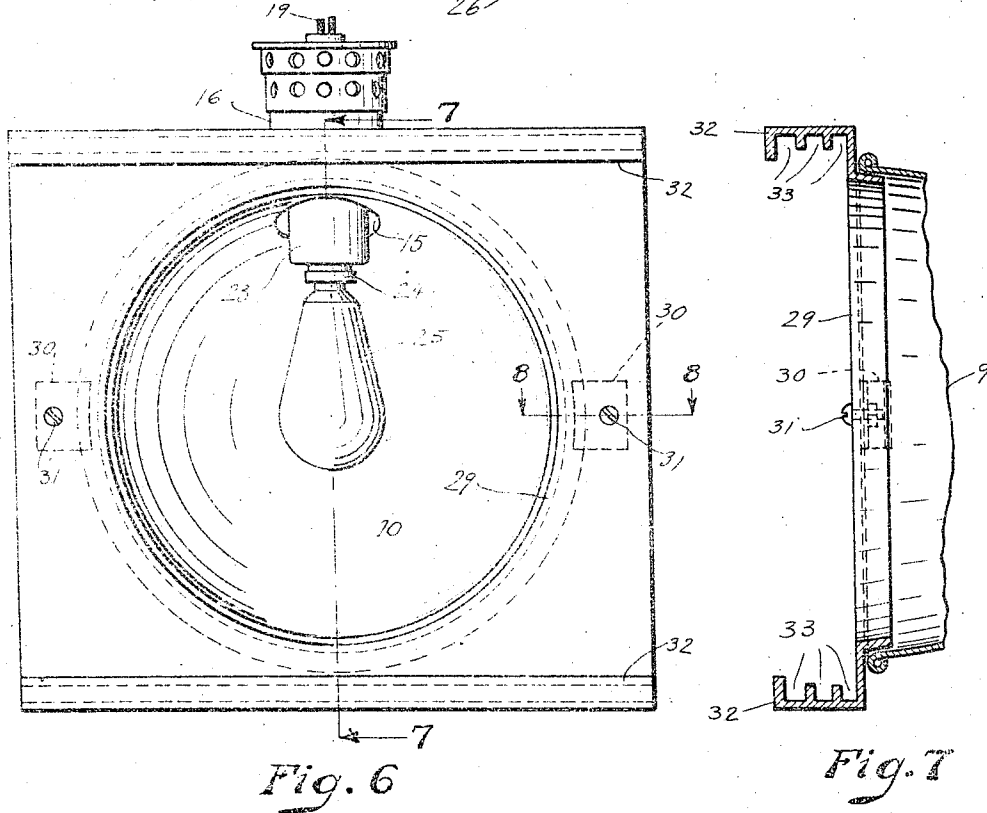
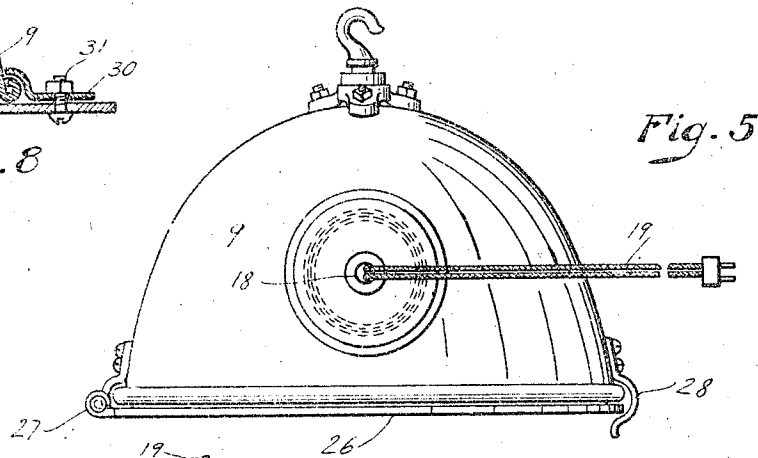
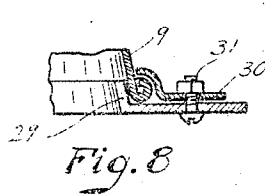
S. FRANKENSTEIN

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3 Sheets-Sheet 3



Witnesses:

Wm. Schnellhardt

B. G. Richards

Inventor

Samuel Frankenstein

By Joshua P. St. John

His Attorney

UNITED STATES PATENT OFFICE.

SAMUEL FRANKENSTEIN, OF CHICAGO, ILLINOIS.

LIGHT.

Application filed October 31, 1923. Serial No. 671,846.

To all whom it may concern:

Be it known that I, SAMUEL FRANKENSTEIN, a citizen of the United States, and a resident of the city of Chicago, county of Cook, and State of Illinois, have invented certain new and useful Improvements in Lights, of which the following is a specification.

My invention relates to improvements in lights and has for its object the provision of an improved construction of this character readily adjustable for various conditions and uses and which is of simple construction and efficient in operation.

Other objects will appear hereinafter.

This application is to the same subject matter as applicant's prior application for lights, Serial No. 489,421, filed August 3, 1921.

The invention consists in the combinations and arrangements of parts hereinafter described and claimed.

The invention will be best understood by reference to the accompanying drawings forming a part of this specification, and in which,

Fig. 1 is a side view of a light embodying the invention;

Fig. 2 is a rear elevation of the same;

Fig. 3 is an enlarged section taken substantially on line 3—3 of Fig. 1;

Fig. 4 is a section taken on line 4—4 of Fig. 1;

Fig. 5 is a top plan view of the construction;

Fig. 6 is a face view of a modified form of construction;

Fig. 7 is a section taken on line 7—7 of Fig. 6; and

Fig. 8 is a section taken on line 8—8 of Fig. 6.

The form of construction illustrated in Figs. 1 to 5 inclusive, comprises a suitable light casing 9 having a parabolic reflector 10 arranged therein. The casing 9 is supported upon a suitable bracket 11 adjustably engaged in a clamp 12 at the top of a stem 13, which is adjustable in a hollow post 14 as indicated, and whereby the casing 9 may be adjusted into any desired position.

The casing 9 is provided with a central opening 15 in the top thereof and a housing 16 is arranged around said opening projecting upwardly therefrom. The housing 16 is provided at its top with ventilating openings 17 and with a central aperture 18 for

the passage of feed wires 19, said feed wires leading to an incandescent electric light bulb suitably mounted within the casing. A substantially inverted U-shaped yoke or support 20 is arranged within the housing 16 and adjustably secured therein by means of binding screws 21 engaging through vertical slots 22 in the sides of said housing. An electric light socket 23 is mounted on the support 20 projecting downwardly therefrom, the feed wires 19 leading to said socket for supplying current thereto. A reducing socket 24 is arranged to cooperate with the socket 23 serving as a means for mounting smaller electric light bulbs 25 on the said socket as will be readily understood. By this arrangement, it will be observed that electric light bulbs of various sizes and shapes may be employed in the light and properly adjusted to central position with reference to the parabolic reflector 10. Where larger bulbs are used, the same are inserted directly into the socket 23. Where it is desired to use small bulbs, the reducing socket 24 is first inserted in the socket 23 where-upon the smaller bulbs may be inserted in the socket 24 as indicated. In either event, the inserted bulbs may be nicely adjusted to reflector 10.

The casing 9 is provided with a forwardly swinging door 26 hinged thereto at 27 and held in place by a spring catch 28.

In the modified form of construction shown in Figs. 6, 7 and 8, the door 26 is removed and a supporting ring 29 inserted within the mouth of casing 9, being secured by clips 30 and screw bolts 31 as will be readily understood and as best illustrated in Figs. 6 and 8. The supporting ring 29 carries forwardly projecting horizontal supporting flanges 32 having channels 33 formed therein and whereby various frames may be supported in the front of the light when desired. These frames may contain various colored glasses or other transparencies as desired.

While I have illustrated and described the preferred form of construction for carrying my invention into effect, this is capable of variation and modification without departing from the spirit of the invention. I, therefore, do not wish to be limited to the precise details of construction set forth, but desire to avail myself of such variations and modifications as come within the scope of the appended claims.

Having described my invention what I claim as new and desire to secure by Letters Patent is:

1. A light comprising a casing having a
5 parabolic reflector arranged within the same, there being an opening through the top of said casing; an upwardly extending housing surrounding said opening; vertical slots in said housing; an inverted U-shaped electric
10 light support, having its legs slidably and adjustably mounted in said slots; an electric light socket mounted upon said support and arranged to support an electric light bulb in operative relation with said reflector; and a
15 reducing socket for said first mentioned socket.

2. A light comprising a casing having a parabolic reflector arranged within the same, there being an opening through the top of
20 said casing; an upwardly extending housing surrounding said opening; vertical slots at the sides of said housing; an inverted U-shaped electric light support adjustably mounted in said housing; an electric light
25 socket mounted upon said support and arranged to support an electric light bulb in operative relation with said reflector; a reducing socket for said first mentioned

socket; and binding screws extending through said slots and secured to said
30 U-shaped support for adjusting said support to accurately center said bulb in said reflector.

3. A light comprising a casing having a curved reflector arranged within the same, there being an opening through the top of
35 said casing; a housing mounted over said opening; slots at the sides of said housing; an inverted U-shaped electric light support adjustably mounted in said housing; an elec- 40
tric light socket mounted upon said support for supporting an electric light bulb in operative relation with said reflector; a reducing socket for said first mentioned
45 socket; and means extending through said slots and engaging said U-shaped support for adjusting said support to accurately center said bulb in said reflector.

In testimony whereof I have signed my name to this specification in the presence of
50 two subscribing witnesses.

SAMUEL FRANKENSTEIN.

Witnesses:

MARGARET AUER,
JOSHUA R. H. POTTS.