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W. W. ADAMS

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LIGHTING SYSTEM

Filed April 26, 1930

Fig. 1.

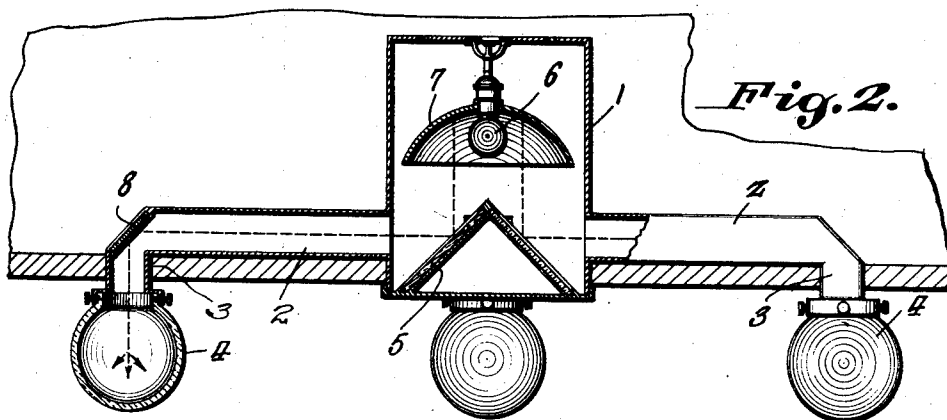
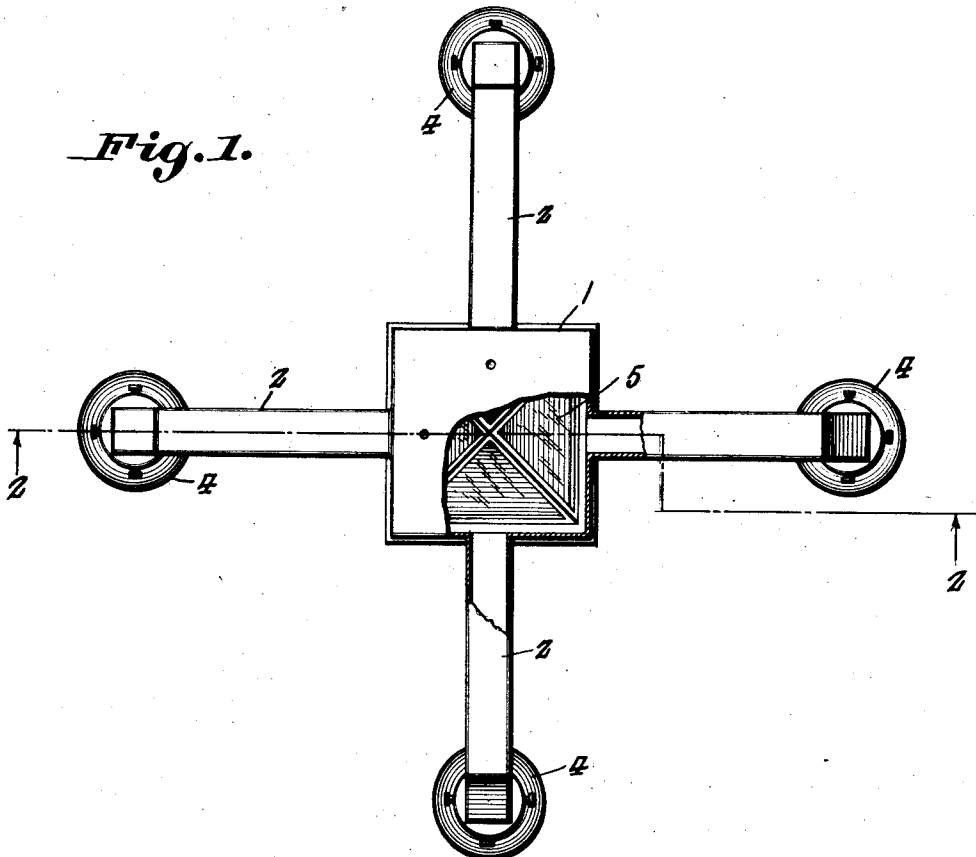


Fig. 2.

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LIGHTING SYSTEM

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This invention relates to a lighting system, the general object of the invention being to provide means for furnishing light to a plurality of globes from a single bulb.

5 This invention also consists in certain other features of construction and in the combination and arrangement of the several parts, to be hereinafter fully described, illustrated in the accompanying drawings and specifically pointed out in the appended claim.

10 In describing the invention in detail, reference will be had to the accompanying drawings wherein like characters denote like or corresponding parts throughout the several views, and in which:—

Figure 1 is a top plan view, partly in section, showing one arrangement of the invention.

20 Figure 2 is a section on line 2—2 of Figure 1.

25 In these views, the numeral 1 indicates a casing arranged in the ceiling or any other desirable part of a room or building, and the numeral 2 indicates conduits radiating from the casing and arranged in the wall in which the casing 1 is located. An elbow 3 is connected with the outer end of each conduit and extends from the wall and supports a globe 4. A reflector 5 of pyramidal shape is arranged
30 in the casing 1 in such relation to a lamp bulb 6 in the casing as to reflect the rays of light from the bulb to the conduits, the bulb being provided with the usual reflector 7. A reflector 8 is arranged in each elbow in such
35 a manner as to reflect the rays of light passing through the conduit into the bulb.

40 From the foregoing it will be seen that the rays of light from the single bulb 6 are reflected through all the conduits into the globes 4, so that the single bulb illuminates all the globes. Thus a single bulb affords illumination for a plurality of globes.

45 It is thought from the foregoing description that the advantages and novel features of the invention will be readily apparent.

It is to be understood that changes may be made in the construction and in the combination and arrangement of the several parts, provided that such changes fall within the scope of the appended claim.

What I claim is:—

A lighting system comprising a rectangular shaped casing embedded within the ceiling of a room, tubes in communication with the casing above the bottom wall thereof and concealed within the ceiling of the room and extending radially from said casing, elbows at the outer ends of the tubes and extending through the ceiling of the room, globes removably secured to the elbows and supported
55 in group formation within the room, an illuminating lamp carried by the top wall of the casing, a reflector between the lamp and the top wall of the casing to reflect the rays of light from the lamp toward the bottom wall
60 of said casing, a pyramidal shaped reflector arranged on the bottom wall of the casing to reflect the light rays from the first named reflector and lamp through the tubes, and reflectors in the elbows to reflect the light rays
65 from the tubes through the globes.

In testimony whereof I affix my signature.

WAYNE W. ADAMS.