E. A. CORBIN, JR.

ELECTRIC LAMP AND HEATER.

APPLICATION FILED MAY 25, 1921.

1,394,667. Patented Oct. 25, 1921.

Fig. 1.

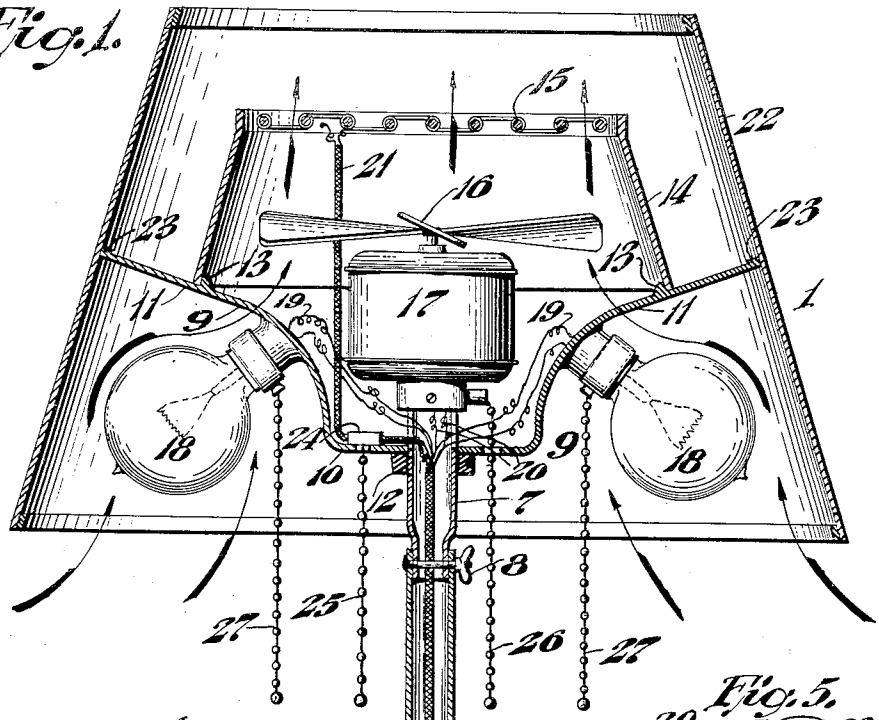



Fig. 4.

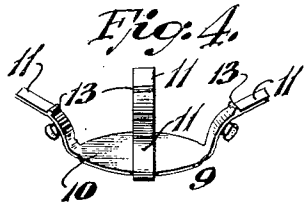



Fig. 5.

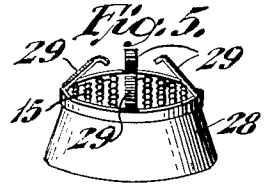



Fig. 2.

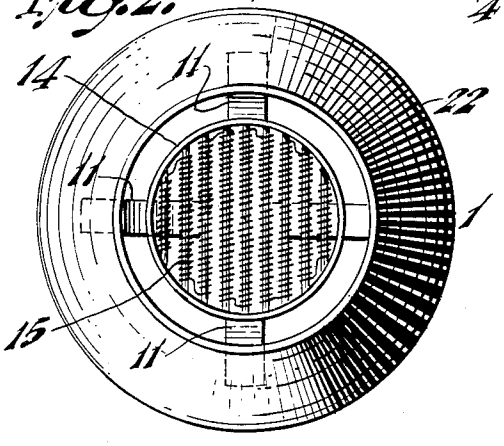
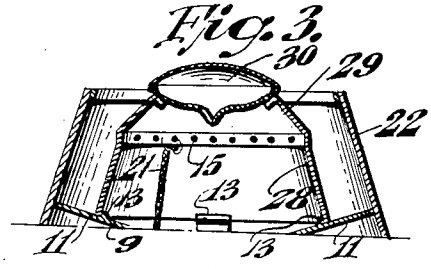



Fig. 3.




INVENTOR

Elbert A. Corbin, Jr.

BY

Wiedersheim & Fairbanks

ATTORNEYS

# UNITED STATES PATENT OFFICE.

ELBERT A. CORBIN, JR., OF SWARTHMORE, PENNSYLVANIA.

## ELECTRIC LAMP AND HEATER.

1,394,667. Specification of Letters Patent. Patented Oct. 25, 1921.

Application filed May 25, 1921. Serial No. 472,505.

*To all whom it may concern:*

Be it known that I, ELBERT A. CORBIN, Jr., a citizen of the United States, residing in the city of Swarthmore, county of Delaware, State of Pennsylvania, have invented a new and useful Electric Lamp and Heater, of which the following is a specification.

My invention consists of a novel construction of a combined electric heater and electric table wall or floor lamp, wherein I utilize a floor lamp structure as the standard or supporting device for the electric heater, fan and their adjuncts, the floor lamp standard serving to support both the heating and the lighting appliances as well as the rotary fan, which is adapted effectively to diffuse the heat throughout the room or apartment to be heated, and provision being made for enabling the shade of the lamp effectively to conceal the operative parts of the device, in addition to performing its usual function of a reflector, whereby a novel, pleasing and effective appliance is produced having a pleasing as well as a utilitarian appearance.

To the above ends, my invention consists of a novel construction of a base, a hollow standard supported thereon and a frame supported from said standard by means of which the electric lights, the electric blower or fan and the electric heater are supported, and collocated with respect to each other, the electrical connections to the lamps, heater and blower being concealed or contained within the hollow upright standard for the lamp and the shade of the lamp serving both to conceal the novel elements of my device as well as to reflect the light downwardly.

It further consists of a novel construction of an electric lamp having a skeleton frame adapted to support the lamp shade as well as the guard which carries the electric heater and surrounds the blower located in proximity thereto.

It further consists of other novel features of construction, all as will be hereinafter fully set forth.

For the purpose of illustrating my invention, I have shown in the accompanying drawings forms thereof which are at present preferred by me, since they will give in practice satisfactory and reliable results, although it is to be understood that the various instrumentalities of which my invention consists can be variously arranged and organized and that my invention is not limited to the precise arrangement and organization of these instrumentalities as herein shown and described.

Figure 1 represents a vertical, sectional view of a combined electric lamp and heater embodying my invention.

Fig. 2 represents a plan view of Fig. 1.

Fig. 3 represents a sectional view of a modification.

Fig. 4 represents a perspective view of the skeleton frame in detached position.

Fig. 5 represents a perspective view of a portion of Fig. 3.

Similar numerals of reference indicate corresponding parts.

Referring to the drawings:

1 designates my novel construction of combined electric lamp and heater and their adjuncts, the same comprising the base 2, which is preferably provided with the channels 3 and 4, through which the electric cable or conductor 5 passes, said conductor passing upwardly through the hollow tubular upright or standard 6 in the upper portion of which the tubular extension 7 is adjustably mounted, said extension 7 being capable of adjustment or removal with respect to the standard 6 upon the proper manipulation of the wing nut 8 and its adjuncts.

9 designates a skeleton frame composed of the base portion 10 and the upwardly extending outwardly flaring arms 11, said frame being supported upon the extension 7 by means of the nut or collar 12.

13 designates lugs or ledges on the upper inner surface of the arms 11, upon which rests the bottom of the conical guard 14, which is open at its top and bottom and is of substantially the shape of a truncated cone, said guard having secured in its upper portion the resistance coils or electric heater 15, below or in proximity to which is located the electric fan or blowing device 16 actuated by the electric motor 17, which is preferably mounted on the upper extremity of the extension 7. From the arms 11 of the frame 9 depend sockets for the electric lights 18, which may be any number desired, electricity being conducted to said lights by the connections 19.

The connections 20 conduct the electric current to the electric motor 17 and the connections 21 convey electricity to the heater or resistance coils 15. The shade 22 is provided with the lugs or abutments 23, where-

by it is secured on the outer edges of the arms 11.

24 designates a switch of any conventional type, which is provided with a pendant chain 25, whereby the flow of electricity to the electric heater 15 through the conductor 21 can be regulated and by means of the chain 26, the electric fan or blower 16 can be started and stopped and by the pendant chains 27, the electric lamps 18 can be controlled, as is evident.

By the provision of the conical guard 14, the air currents created by the fan 16 are properly directed toward the electric heater 15 and thence discharged upwardly and diffused into all parts of the room or apartment and the shade 22 serves to inclose and conceal all the operative parts of the device, and in addition performs its usual function of a reflector.

By reason of the upper extension 7 of the tubular standard, it will be apparent that upon the manipulation of the wing nut 8, the inclination of the lamp with respect to the standard 6 can be regulated according to requirements, and since all the parts carried by the frame 9, they are readily accessible.

In the construction seen in Fig. 3, I have shown the lamp shade 22 as provided with the guard 28, carrying the resistance coils or electric heater 15 of substantially the same character as already described, but above the guard 28 I provide the arms 29, see Fig. 5, on which is supported a hollow dome deflector 30 which may be employed, the location, function and construction of which will be apparent from Fig. 3.

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

1. In a combined electric lamp and heater, a standard, a frame carried thereby and having arms adapted to support electric lights, an electric fan supported above said lights, an open-ended guard for said fan supported on said arms, an electric heater supported within said guard and in proximity to said fan, and a lamp shade surrounding said arms, heater and guard.

2. In a combined electric lamp and heater, a hollow standard, a frame provided with arms supported thereon, electric lamps carried by said arms, lugs on the upper portions of said arms, a guard supported on said arms, an electric heater carried by said guard, a lamp shade supported on the outer ends of said arms, and an electric fan located below said heater.

3. In a combined electric lamp and heater, a hollow standard, an upper extension adjustable therein, a frame having arms mounted on said extension, and adapted to support electric lights, an electric blower supported above said frame, a guard supported above said arms, an electric heater carried by said guard, and a lamp shade supported on the ends of said arms.

4. In a combined electric lamp and heater, a skeleton frame having arms, an open ended conical guard supported on said arms, an electric heater in the upper portion of said guard, and an electric blower in proximity to said heater to diffuse the heated air.

5. In a combined electric lamp and heater, a skeleton frame having arms, an open ended guard supported on said arms, an electric heater in the upper portion of said guard, and an electric blower in proximity to said heater to diffuse the heated air, in combination with a dome supported above said heater.

6. In a device of the class stated, a standard, a frame supported thereon, an open-ended lamp shade supported on said frame, an electric heater supported above said frame, and an electric blower supported in proximity to said heater to diffuse the heated air.

ELBERT A. CORBIN, JR.

Witnesses:
E. HAYWARD FAIRBANKS,
C. D. MCVAY.