

A. GREGORY.
CASING FOR ELECTRIC FANS.
APPLICATION FILED JULY 19, 1911.

1,040,934.

Patented Oct. 8, 1912.

3 SHEETS—SHEET 1.

Fig. 1.



Witnesses

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3 SHEETS—SHEET 2.

Fig. 3

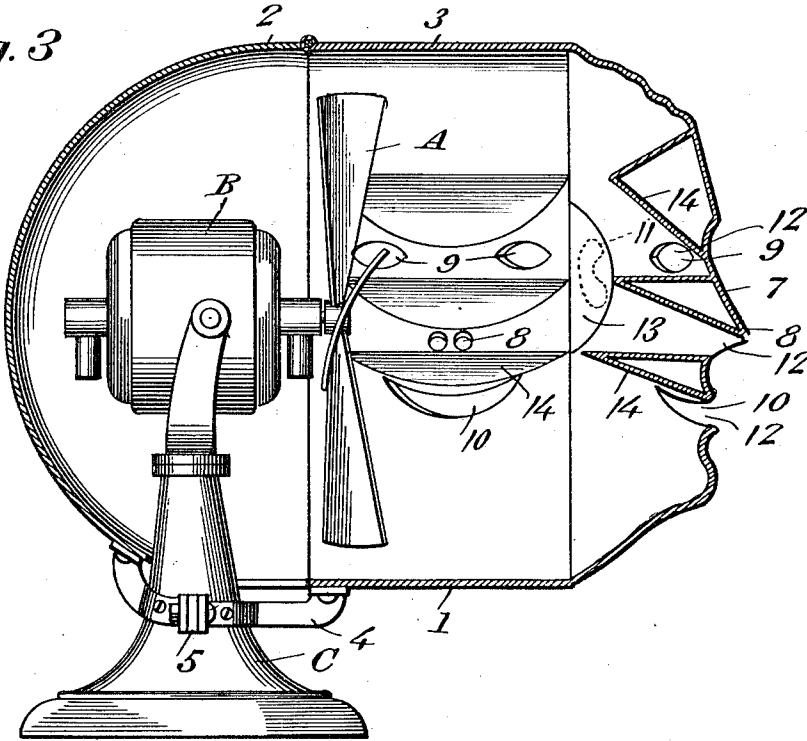
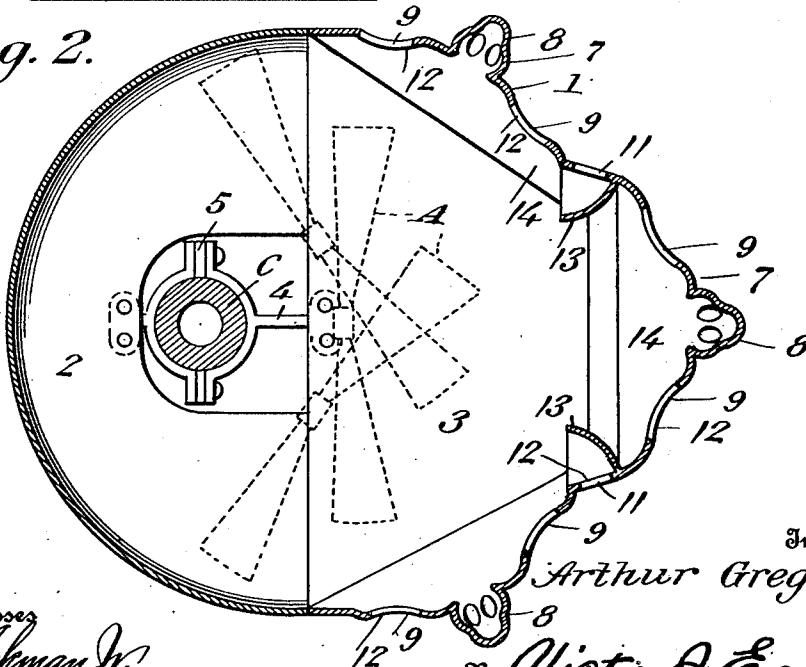


Fig. 2.



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3 SHEETS-SHEET 3.

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Fig. 4

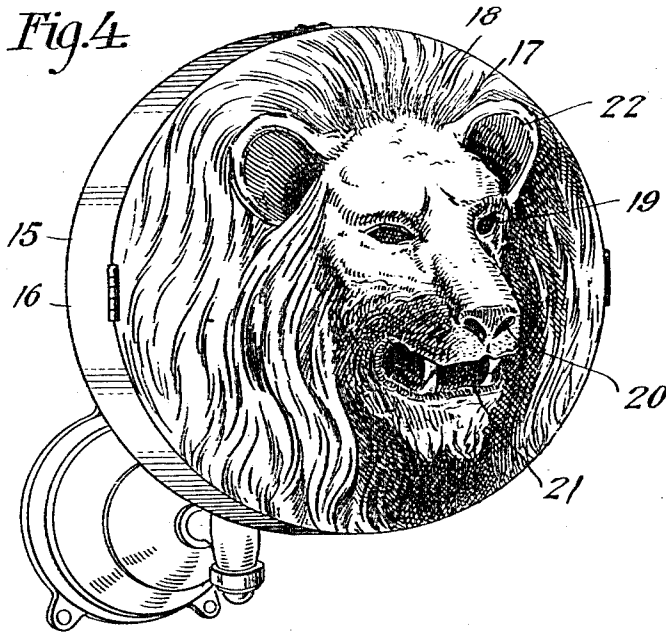
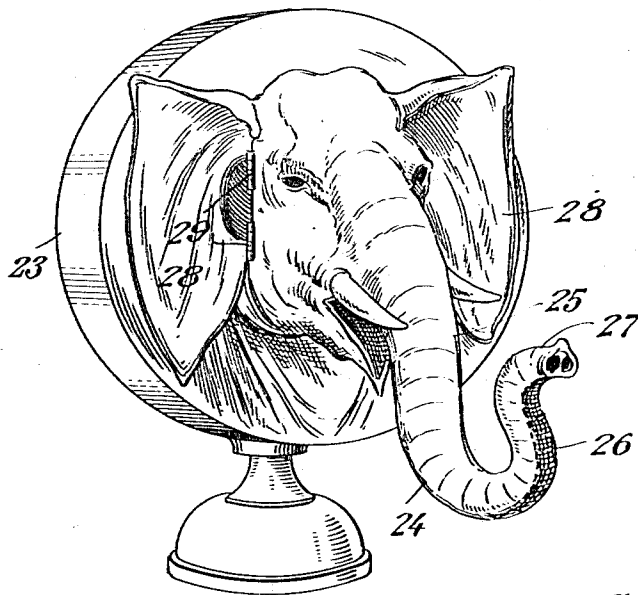


Fig. 5.



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UNITED STATES PATENT OFFICE.

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CASING FOR ELECTRIC FANS.

1,040,934.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, ARTHUR GREGORY, a citizen of the United States, residing at Wytheville, in the county of Wythe and State of Virginia, have invented new and useful Improvements in Casings for Electric Fans, of which the following is a specification.

This invention relates to casings for electric fans, and has for an object to provide an ornamental casing which may be used advantageously as an advertising display, being particularly designed for use in amusement houses, cafés, or the like, the said casing being provided with grotesque portions or figures such as the representation of faces of human beings or animals, the eyes, the nose, the mouth and the ears of the representation being provided with openings to permit of the discharge of the air blast created by the fan.

Another object of the invention is to provide the casing with deflecting means whereby the currents of air will be deflected upwardly and downwardly and laterally so as to effect a thorough distribution of the air.

Another object of the invention is to provide a casing that can be conveniently attached to any well known form of fan motor frame or support.

In the drawings, forming a portion of this specification and in which like numerals of reference indicate similar parts in the several views:—Figure 1 is a perspective view of the casing showing the application of the same to the oscillating fan motor. Fig. 2 is a horizontal section therethrough. Fig. 3 is a vertical section therethrough. Fig. 4 is a view similar to Fig. 1 showing a slightly modified form of fan casing, the same being adapted for use in connection with a fan having a fixedly supported motor, the casing having a figure thereon representing a lion's head. Fig. 5 is a view similar to Fig. 4 showing the casing provided with a miniature representation of an elephant's head.

In the form of the invention shown in Figs. 1 to 3, inclusive, of the drawings, I provide a fan casing 1 that can be constructed of celluloid, cardboard, papier-mâché, or suitable flexible material or stiff material, the latter being preferable. This casing is adapted to embrace the fan A shown in connection with the oscillating motor B, and as illustrated, the casing is formed of hinged sections 2 and 3, one section being provided

with means 4, whereby it may be secured to the adjacent section and to hold the sections in their adjusted positions on the fan. Devices 5 are employed for holding the fan against accidental displacement under the force of the air blast created by the fan, and as shown, these devices are carried by the casing and are detachably engaged with the portion C of the fan structure. The casing is provided with the grotesque portions 7 which, in this instance, represent faces of human beings each being provided with a nose 8, the eyes 9, the mouth 10, and the ears 11, and as shown, they are provided with openings 12 through which the air agitated by the fan may be discharged. I preferably provide the casing at points adjacent to the ears of the figures herein represented with deflectors 13 for deflecting the air currents laterally. Similar deflectors 14 are also mounted in the casing and arranged with respect to the nose portions of the figures so that the air when discharged in the casing will be deflected downwardly. While, as described and shown herein, the figures of the casing represent human faces, figures representing animal faces or the like may be substituted therefor without departing from the spirit of the invention.

In the form of the invention shown in Fig. 4, the casing 15 comprises the sections 16 and 17 which are either singly or in their entirety formed to provide the figure 18. This figure represents the head of a lion or like animal and it is provided with the eyes 19, the nostrils 20, the mouth 21, and the ears 22. The ears of the animal figure shown form deflectors for directing the air laterally of the casing.

In the form of the invention shown in Fig. 5, the casing 23 has a figure thereon representing an elephant's head, the trunk 24 being curved downwardly, at 25, and upwardly, at 26, and then outwardly, at 27. The eyes of the elephant are constructed somewhat similar to the eyes in the previously described forms of the invention. The ears 28 are also constructed somewhat in a similar manner to the previously described forms of the invention, but, as shown, they are hinged, at 29, and are constructed of light material so that on the displacement or discharge of the air from the casing the ears will flap occasionally which will add desirably to the device and furnish considerable amusement. The ears will be dis-

posed slightly at an upward angle under the force of the air when the fan is in operation so that the currents of air will be discharged laterally as in the preferred form of the invention. In this form of the invention the air discharged from the trunk of the animal herein illustrated will be distributed in a plane below the air discharged from the ears and the eyes. The latter feature of this form of the invention is most desirable as it is very necessary for a perfect ventilation or cooling of a room that the air be distributed at different planes.

I claim:—

15 1. The combination with an electric fan and a motor therefor, said fan discharging axially, of a casing inclosing said fan and motor and comprising a rear wall, a side wall and a front wall, one of said walls
20 having a vertical series of relatively spaced

openings, a deflector secured to the inside of the wall having the openings, said deflector being located above each of the said openings.

2. A casing for electric fans comprising a rear and front section hingedly connected together at the top thereof and means carried by each section and disposed on the bottom of the section, thereby preventing any accidental displacement of the sections from their operative position, said means being detachably secured and embracing a portion of the fan structure below the plane of the bottom of said rear section.

In testimony whereof I affix my signature in presence of two witnesses.

ARTHUR GREGORY.

Witnesses:

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