No. 811,865. PATENTED FEB. 6, 1906.

W. L. MOORE.

CENTRIFUGE ATTACHMENT FOR ELECTRIC FANS.

APPLICATION FILED JUNE 15, 1905.

Fig. 1.

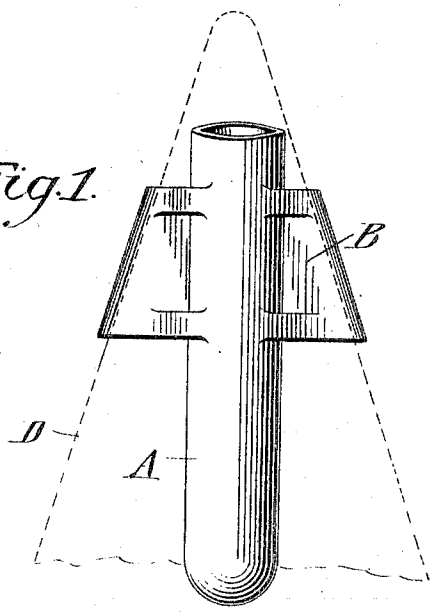


Fig. 2.

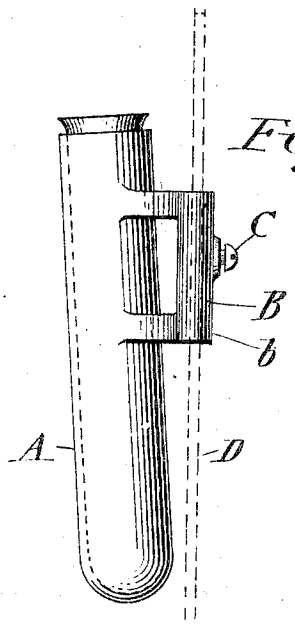


Fig. 3.

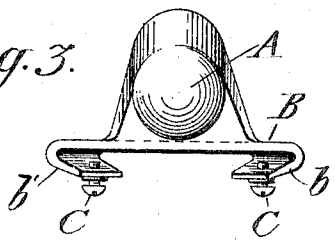
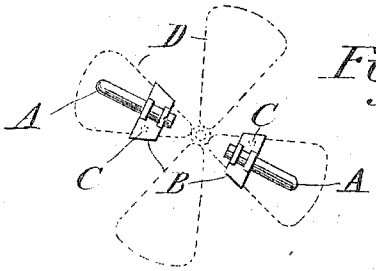


Fig. 4.



Witnesses:
D. W. Edelin.
R. C. Bryant

Inventor:
William L. Moore,
by Pennie & Goldsborough,
attys.

UNITED STATES PATENT OFFICE.

WILLIAM LEVI MOORE, OF HONOLULU, TERRITORY OF HAWAII.

CENTRIFUGE ATTACHMENT FOR ELECTRIC FANS.

No. 811,865. Specification of Letters Patent. Patented Feb. 6, 1906.

Application filed June 15, 1905. Serial No. 265,311.

To all whom it may concern:

Be it known that I, WILLIAM LEVI MOORE, a citizen of the United States, residing at Honolulu, Island of Oahu, Territory of Hawaii, have invented a new and useful Centrifuge Attachment for Electric Fans, of which the following is a specification.

The object of this invention is to produce a cheap attachment which can be easily applied to any blade of an ordinary electric fan, by which test-tubes or graduated apparatus may be held and revolved for centrifugal effect in bacteriological examinations, &c.

The following is a specific description of one form of my invention, while the claims are a definition of the actual scope thereof.

In the accompanying drawings, forming a part of this specification, Figure 1 represents a top plan view; Fig. 2, a side elevation, and Fig. 3 an end view, respectively, of one form of an attachment embodying my invention. Fig. 4 shows two of such attachments as applied to opposite blades of an electric fan.

A represents a receptacle adapted to hold a test-tube or the like, supported by a base B. The base B is provided with lips *b b'* underneath its outer edges and at an angle to one another, such that they may engage and be wedged over the diverging edges of a blade of an electric fan, as D. A screw C through said lips *b b'* when tightened against the under side of said blade D prevents the base B from becoming loosened from the blade D. The screw C may have a slot for a screw-driver or have a milled head. The screw C may pass through the body B instead of through the lips, as in Fig. 4. The receptacle A is preferably placed inclined to the base B, as shown in Fig. 2, in order that the test-tube may be withdrawn without hitting the attachment on the opposite blade. It will be noted that the centrifugal force when the fan is revolved tends to further tighten rather than to loosen the attachment.

It is obvious that the attachment can be made in various shapes and that the lips *b b'* instead of being a part of could be adjustably attached to the base B, so as to fit any angle of blade D, as will be understood.

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

1. An attachment for electric fans and the like, comprising a socket to receive a test-tube, and means for securing said socket to a fan-blade.

2. An attachment for electric fans and the like, comprising a socket to receive a test-tube, and lateral arms for securing said socket to a fan-blade.

3. An attachment for electric fans and the like, comprising a socket to receive a test-tube, lateral arms having flanges adapted to engage the edges of a fan-blade, and means for locking said flanges to the blade.

4. An attachment for electric fans and the like, comprising a tubular receptacle to receive a test-tube, lateral arms extending therefrom, inturned flanges on said arms, and screws for securing the arms to a fan-blade.

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

WILLIAM LEVI MOORE.

Witnesses:
VIOLET JONES,
ARTHUR NOTT SANFORD.