(No Model.)

J. E. FULLER.

BRACKET FOR FAN MOTORS.

No. 593,719. Patented Nov. 16, 1897.

Fig. 2.

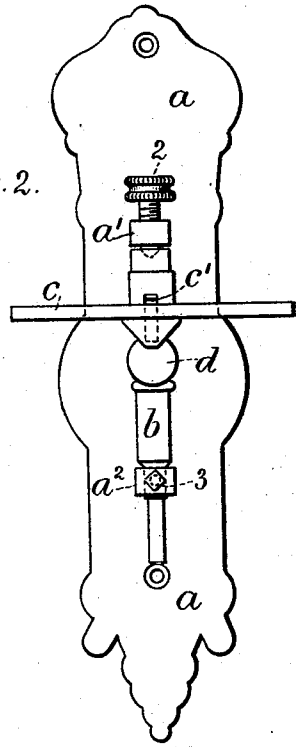


Fig. 1.

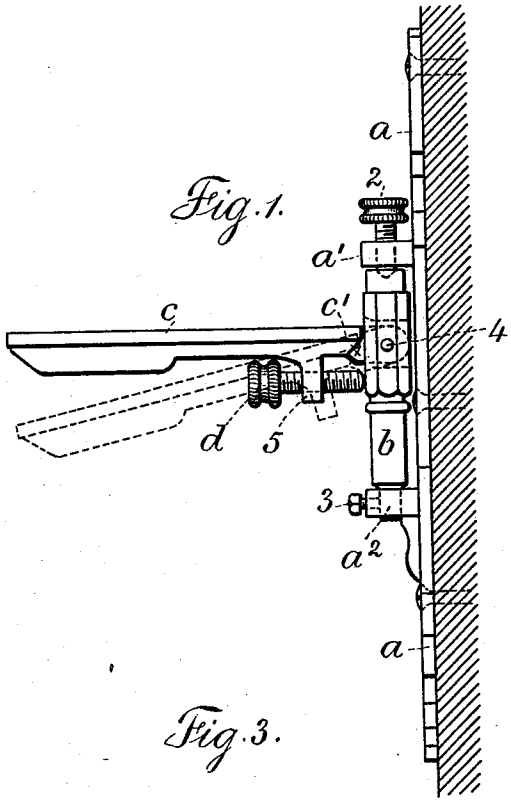


Fig. 3.

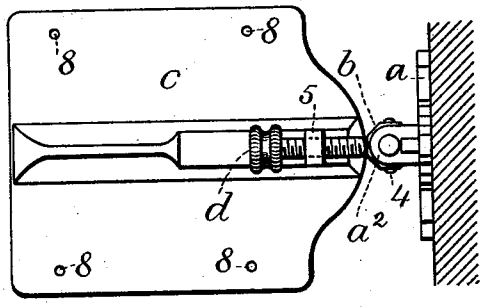
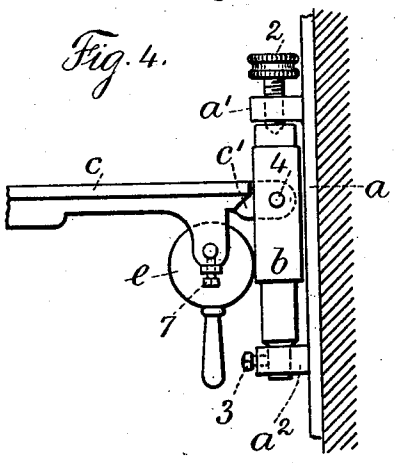


Fig. 4.



Witnesses:
J. Stair
Chas. H. Smith

Inventor:
John E. Fuller
per L. W. Serrell & Son
attys

UNITED STATES PATENT OFFICE.

JOHN E. FULLER, OF BROOKLYN, NEW YORK, ASSIGNOR TO C. COLES DUSENBURY, OF LAKE MAHOPAC, NEW YORK.

BRACKET FOR FAN-MOTORS.

SPECIFICATION forming part of Letters Patent No. 593,719, dated November 16, 1897.

Application filed May 28, 1896. Serial No. 593,367. (No model.)

To all whom it may concern:

Be it known that I, JOHN E. FULLER, a citizen of the United States, residing at Brooklyn, in the county of Kings and State of New York, have invented a new and useful Improvement in Brackets for Fan-Motors, of which the following is a specification.

Small fan-motors for creating currents of air are used in large numbers in various places. These are conveniently supported upon brackets fastened to vertical supports or walls, but these brackets have heretofore been fixed, so that the position of the motor could not be altered without shifting the supporting-bracket.

The object of my invention is to direct the current of air as desired by a supporting device that permits the fan-motor to be swung around horizontally or inclined at pleasure.

In carrying out my invention I hinge the shelf of the bracket to a vertical pivoted support connected to the back plate, and I provide an adjustable stop upon the under side of the hinged shelf to determine the inclination of the said shelf and to sustain the same in place. This stop may consist of a screw, cam, or equivalent device, and a set-screw may be employed to hold and clamp the vertical pivoted support after the position of the swinging shelf has been determined.

In the drawings, Figure 1 is a side elevation. Fig. 2 is a front elevation. Fig. 3 is an inverted plan illustrating my invention, and Fig. 4 is a partial side elevation showing a form of my invention.

a represents the back plate, having screw-holes for screws, by which it is secured to a wall or other support. This plate may be of any desired configuration, and the same is provided with two projections a' a^2. A thumb-screw 2 passes through the projection a', and there is a hole or socket in the projection a^2 and a clamping or set screw 3.

The vertical pivoted support *b* has a reduced lower end that passes into the opening in the projection a^2, and its upper end has a recess for the point of the thumb-screw 2, and the said support *b* is mortised to receive the tenon plate c' of the shelf *c*, and a pin 4 connects said parts, so that the shelf can be swung up or down thereon. The shelf can also swing upon the vertical pivoted support *b* to the extent of about one-third of a circle.

In Fig. 1 I have shown by dotted lines the shelf in an inclined position, and I employ an adjustable stop for holding the shelf, whether horizontal or inclined. This stop preferably consists of a thumb-screw *d*, passing through a downward projection 5 upon the under side of the shelf *c* and bearing against the face of the support *b*.

A form of stop is shown in Fig. 4 wherein a cam *e* is pivoted in bearings on the under side of the shelf and a set-screw 7 is employed to hold the cam in place when the shelf has been adjusted.

The fan-motor is preferably fastened upon the shelf *c* by screws passing through the holes 8 in the shelf into the bed of the motor.

With my improved shelf the fan-motor can be swung around or inclined so as to direct the current of air therefrom in various directions, as desired, and the same can be held in particular position by tightening the screws.

I claim as my invention—

1. The combination with the back plate *a*, of a vertical pivoted removable support *b* thereto, a shelf *c* and a pivotal connection therefrom to the support *b*, and a projection 5 on the under side of said shelf and a thumb-screw *d* passing through the projection 5 and bearing upon the support *b* for sustaining said shelf in a horizontal or inclined position, substantially as set forth.

2. The back plate *a* having projections a' a^2, the thumb-screw 2 and set-screw 3 in combination with the vertical pivoted support *b* having a mortise, the shelf *c* having a tenon secured in said mortise and a projection 5 and a thumb-screw *d* passing through the projection and bearing upon the support *b* for sustaining the shelf, substantially as set forth.

Signed by me this 22d day of May, 1896.

JOHN E. FULLER.

Witnesses:
GEO. T. PINCKNEY,
HAROLD SERRELL.