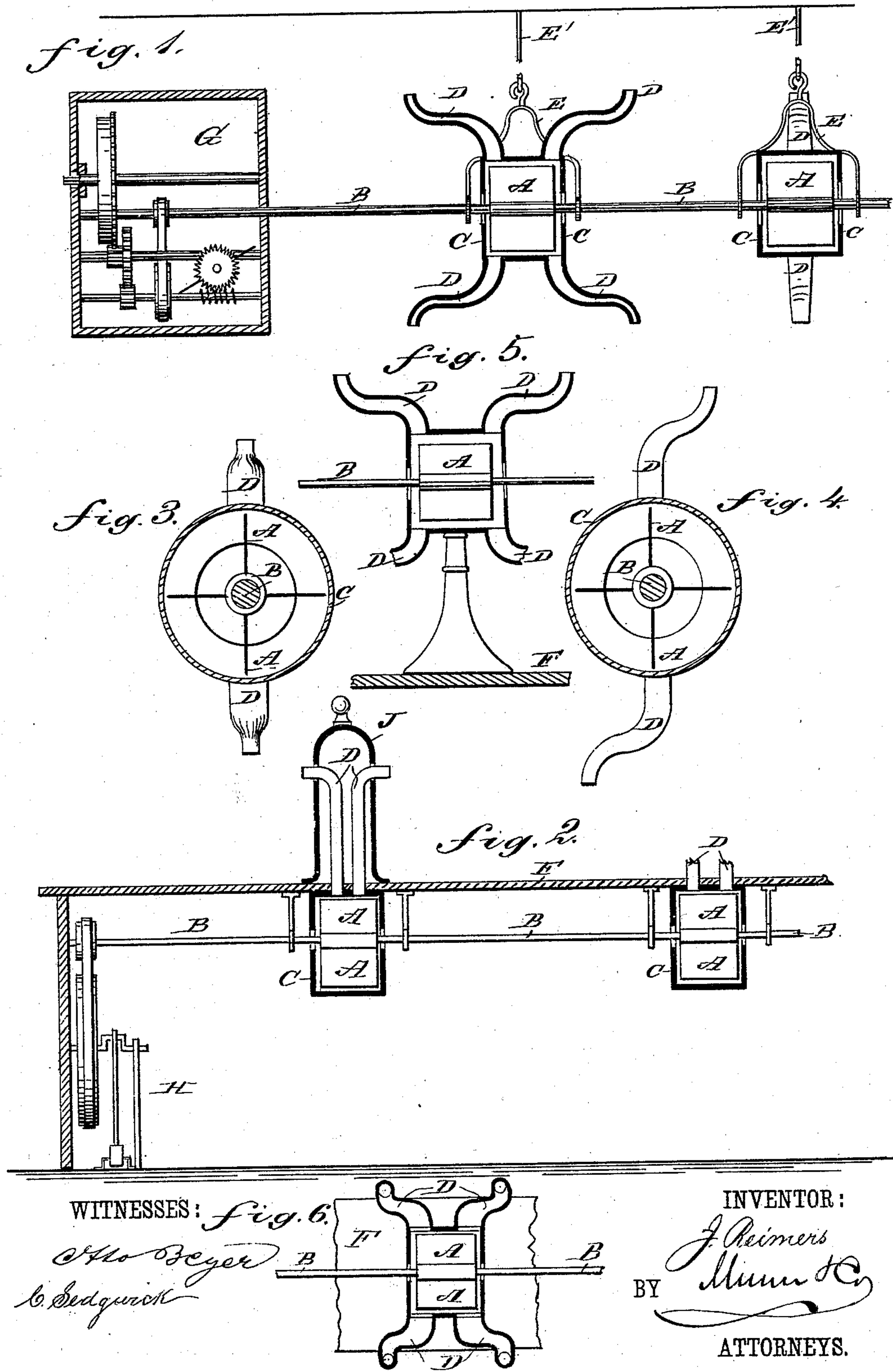


(No Model.)

J. REIMERS.  
FANNING APPARATUS.

No. 270,123.

Patented Jan. 2, 1883.



# UNITED STATES PATENT OFFICE.

JACOB REIMERS, OF DAVENPORT, IOWA.

## FANNING APPARATUS.

SPECIFICATION forming part of Letters Patent No. 270,123, dated January 2, 1883.

Application filed September 7, 1882. (No model.)

*To all whom it may concern:*

Be it known that I, JACOB REIMERS, of Davenport, in the county of Scott and State of Iowa, have invented a new and Improved Fanning Apparatus, of which the following is a full, clear, and exact description.

The object of my invention is to provide a new and improved device for supplying rooms with a supply of cool and refreshing air.

The invention consists in a fan-blower provided with a series of tubular arms for conducting the wind or air in different directions.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a longitudinal sectional elevation of my improved fanning apparatus. Fig. 2 is a longitudinal sectional elevation of a modification, showing the same attached to the under side of a table. Figs. 3 and 4 show cross-sectional elevations of my improved fanning apparatus. Fig. 5 is a longitudinal sectional elevation of the same. Fig. 6 is a sectional plan view of a modification.

A series of wings or blades, A, are mounted on a horizontal shaft, B, within a cylindrical casing, C, provided with a series of tubular arms, D, which may project upward, downward, sidewise, or diagonally, as may be desired, and according to where the current of air is to be delivered. The casings C are suspended by means of bails E and rods or chains E' from the ceiling; or these casings are attached to the under side of a table, F. The shaft B can be rotated by means of a clock-work operated by a spring or weight in a box, G; or this shaft can be rotated by means of a treadle, H. In the modification shown in Fig.

2 the tubular arms D project upward into an ornamental standard, J, on the table, and the upper ends of these tubular arms are bent horizontally. If the shaft B is rotated, the wings or blades A operate like a rotary fan and produce strong currents within the casings C, from where the currents of air pass through the tubular arms D, and issue from the outer ends of the same and cool the persons below the apparatus or at the side of it—for instance, when it is secured on the table.

If desired, the shaft B can be arranged above the table, and the blades are contained within a box provided with a series of arms, D, through which the air escapes. The said box is to rest on a heavy base resting on the table F; or the shaft B can be arranged below the table, and the arms D of the box extend to the edges of the table, and then project upward, as shown in Fig. 6.

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

1. A fanning apparatus made substantially as herein shown and described, and consisting of a series of fan wings or blades mounted on a rotary shaft, and contained within a casing provided with a series of tubular arms for conducting the air in different directions, as set forth.

2. The combination, with the shaft B, of the fan wings or blades A, the casing C, a series of tubular arms, D, and a clock-work for rotating the shaft, substantially as herein shown and described, and for the purpose set forth.

JACOB REIMERS.

Witnesses:

FRED. HEINZ,

OTTO SMITH.