

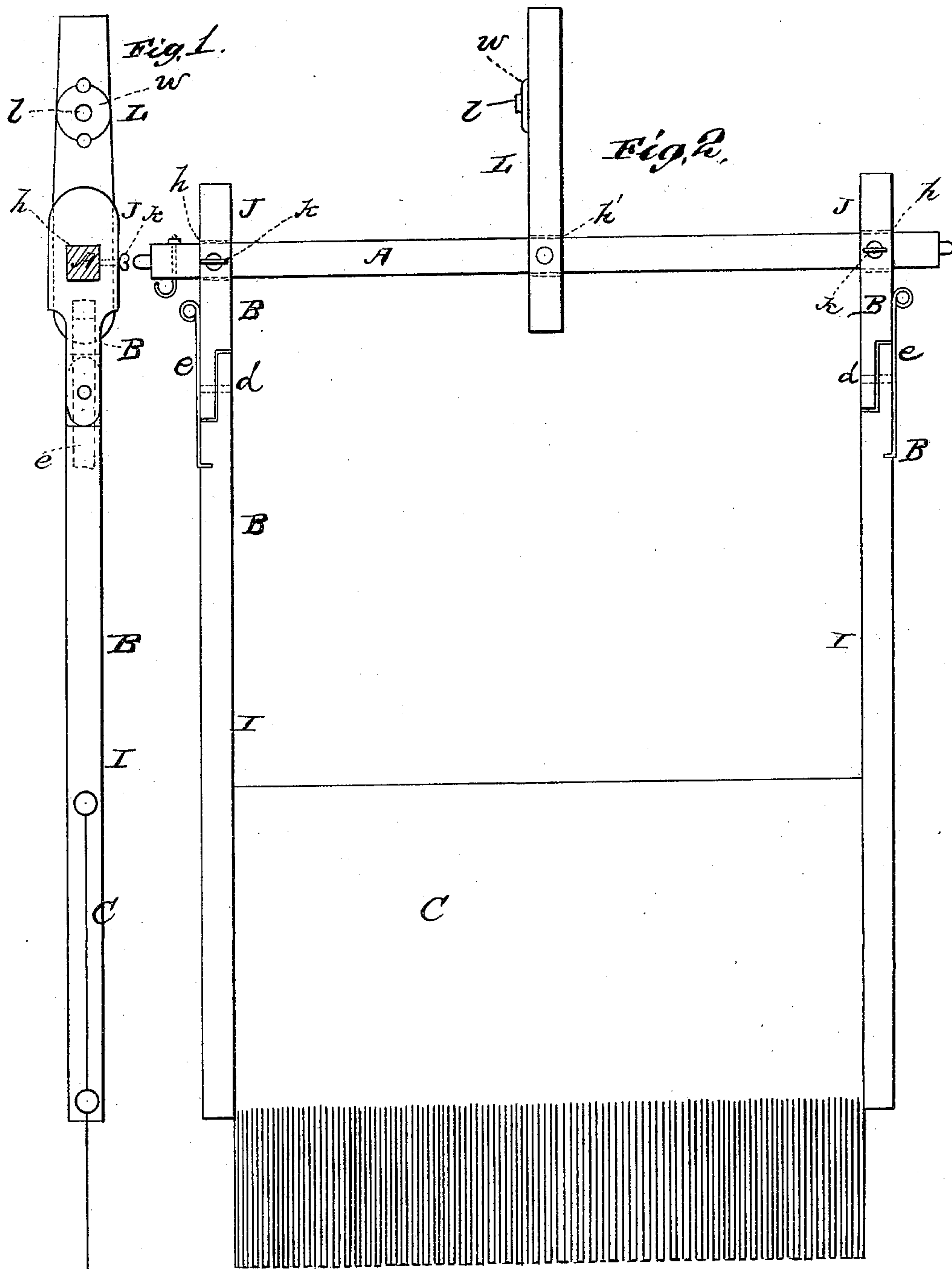
(No Model.)

T. A. MARTIN.

FLY FAN.

No. 258,785.

Patented May 30, 1882.



WITNESSES
E. H. Bates
Philip Masi.

INVENTOR
Thomas A. Martin
by Anderson & Smith
his ATTORNEYS

UNITED STATES PATENT OFFICE.

THOMAS A. MARTIN, OF EVANSVILLE, INDIANA.

FLY-FAN.

SPECIFICATION forming part of Letters Patent No. 258,785, dated May 30, 1882.

Application filed March 16, 1882. (No model.)

To all whom it may concern:

Be it known that I, THOMAS A. MARTIN, a citizen of the United States, and a resident of Evansville, in the county of Vanderburg and State of Indiana, have invented a new and valuable Improvement in Fly-Fans, (on Patent No. 251,612;) and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a vertical sectional view of my improved fly-fan, and Fig. 2 is a face view of the same.

This invention has relation to fly-fans; and it consists in the novel construction and arrangement of parts hereinafter fully described, and particularly pointed out in the claim.

In the accompanying drawings, the letter A designates the rock-shaft, which is of squared or prismatic form.

B B indicate the jointed arms of the fan C, the sections of which are pivoted together at *d*, and *e* represents a stiffener or latch-arm, which, when the sections are in line with each other, serves to hold them in this position. The fan can be easily raised by turning the lower sections, I, upward, and if the spring-latches *e* are sufficiently strong they will serve to hold the fan, which is designed to be of very light material, in the raised position. The upper section, J, of each arm is provided with an angular aperture, *h*, through which the rock-shaft passes. The arms are therefore adjustable on the rock-shaft to or from each other, to suit the size of the fan. When adjusted, the position of the arms is secured by means of the set-screws *k*.

L indicates an arm extending upward from the rock-shaft. This arm is also provided with an angular aperture, *h'*, to engage the rock-shaft, and has a lateral threaded bolt or stud, *l*, on which weight-nuts *w* are screwed. These weight-nuts may be of different weights, or there may be several, designed to be adjusted on the stud of the arm L, until the weight of the fan and its arms is counterbalanced; or there may be a slot made in the arm, and the threaded bolt may be adjustable in said slot to or from the rock-shaft, according to the weight of the fan, the bolt being secured in position by the weight-nut. The spring-latch *e* extends across the joint, being secured to the lower section and bearing on the upper section.

An automatic fly-fan adapted to be swung up out of the way when not in use is not broadly new, and no broad claim for such a construction is made herein.

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

In a fly-fan having a horizontal rock-shaft rectangular in form, the adjustable fan-arms consisting of the arm-sections I J, jointed at *d*, and the latch *e*, extending across the joint, in combination with the counter-balance L, extending upward from the rock-shaft, the threaded bolt *l*, and the weight-nut *w*, engaging the same, substantially as specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

THOMAS A. MARTIN.

Witnesses:

ALF. C. TANNER,
A. B. MILLER.