

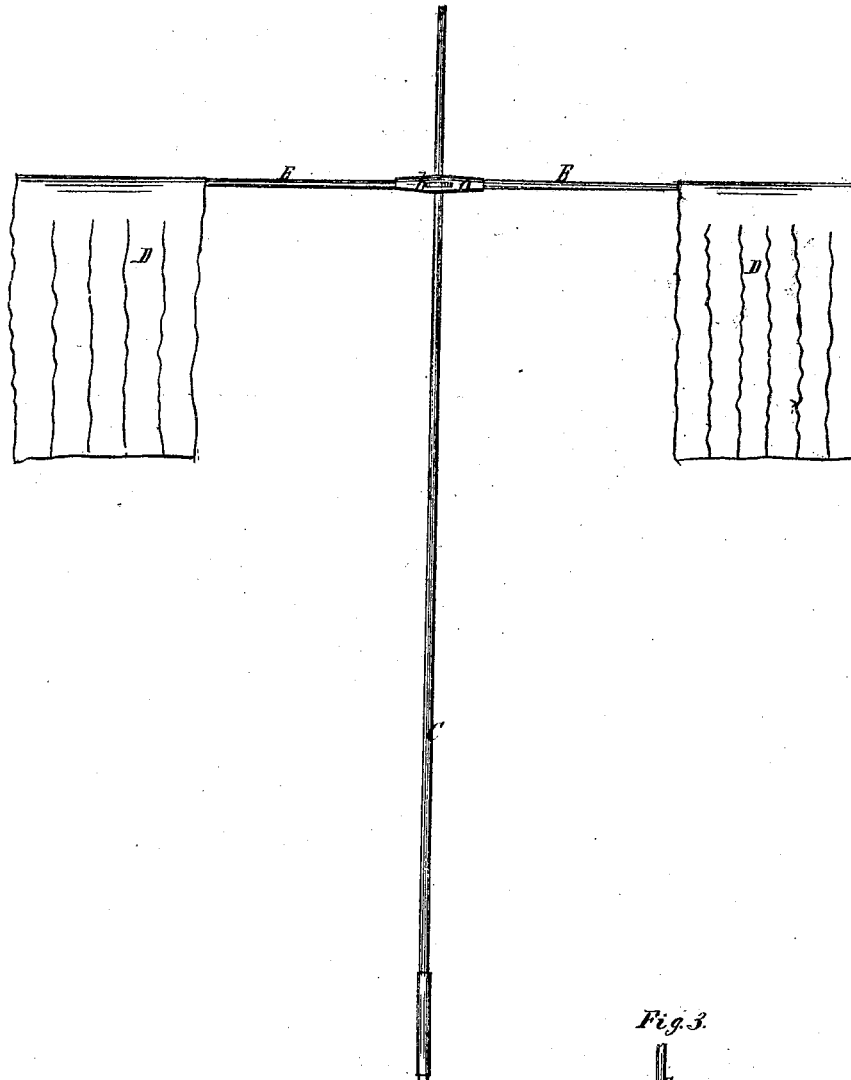
*F. M. Hunt,*

*Automatic Fax.*

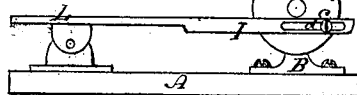
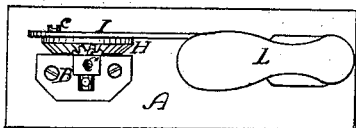
*No. 112,921.*

*Patented Mar. 21. 1871.*

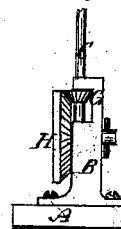
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



*Fig. 4.*



Witnesses  
*D. J. Brown*  
*R. D. Smith*

*Frank M. Hunt,*  
*Dolph's atty.,*  
*J. S. Brown*

# United States Patent Office.

FRANK M. HUNT, OF CLINTON, GEORGIA.

Letters Patent No. 112,921, dated March 21, 1871.

## IMPROVEMENT IN FANS AND FLY-DRIVERS.

The Schedule referred to in these Letters Patent and making part of the same.

### *To all whom it may concern:*

Be it known that I, FRANK M. HUNT, of Clinton, in the county of Jones and State of Georgia, have invented an Improved Fan and Fly-driver; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawing making part of this specification

Figure 1 being a side view of the fan complete.

Figure 2, a top view of the driving part of the fan.

Figure 3, a back view of the driving part of the fan.

Figure 4, view of a part detached.

Like letters designate corresponding parts in all the figures.

The nature of my invention consists in a very simple and cheap device for giving motion to a fan or fly-driver by means of the foot, substantially as follows:

A base-block, A, rests upon the floor and supports all the other parts.

To this base is secured a suitable casting or support, B, in which is pivoted, in a vertical position, the staff C of the fan or fans D D.

These fans, two being preferable, are attached to cross or horizontal rods E E, the socket *a* of which embraces the fan-staff, and is secured thereto and adjusted to any height thereon by a thumb-screw, *b*, or its equivalent.

On the lower end of the fan-staff is a bevel-pinion, G, into which gears a vertical bevel-wheel, H, mounted on the side of the casting or support B.

On the face of the bevel-wheel, near its periphery, is a pin or pivot, *c*, which extends through a slot, *d*, of an arm, I, projecting from a treadle or pedal, L, that is mounted on the front part of the base A.

This treadle and its arms are so arranged that an ordinary vibration thereof by the foot will cause the bevel-wheel H to oscillate on its pivot about one-third of a revolution, more or less, but not to turn entirely around its center. The effect is to cause the fan-staff and fans to vibrate through an entire revolution, more or less, and a very gentle and easy motion of the foot will keep up this vibration, yet produce a very effective movement of the fans. The whole device is exceedingly simple and cheap.

What I claim as my invention, and desire to secure by Letters Patent, is—

The combination of the treadle L, with its slotted arm I, the bevel-wheel H, with its pin *c*, the fan-staff C, with its bevel-pinion G, socket *a*, rods E E, and fans D D, arranged and operating substantially as and for the purpose herein specified.

Specification signed by me December 23d, 1870.

FRANK M. HUNT.

### Witnesses:

H. M. GRANNISS,  
A. W. PERSONS.