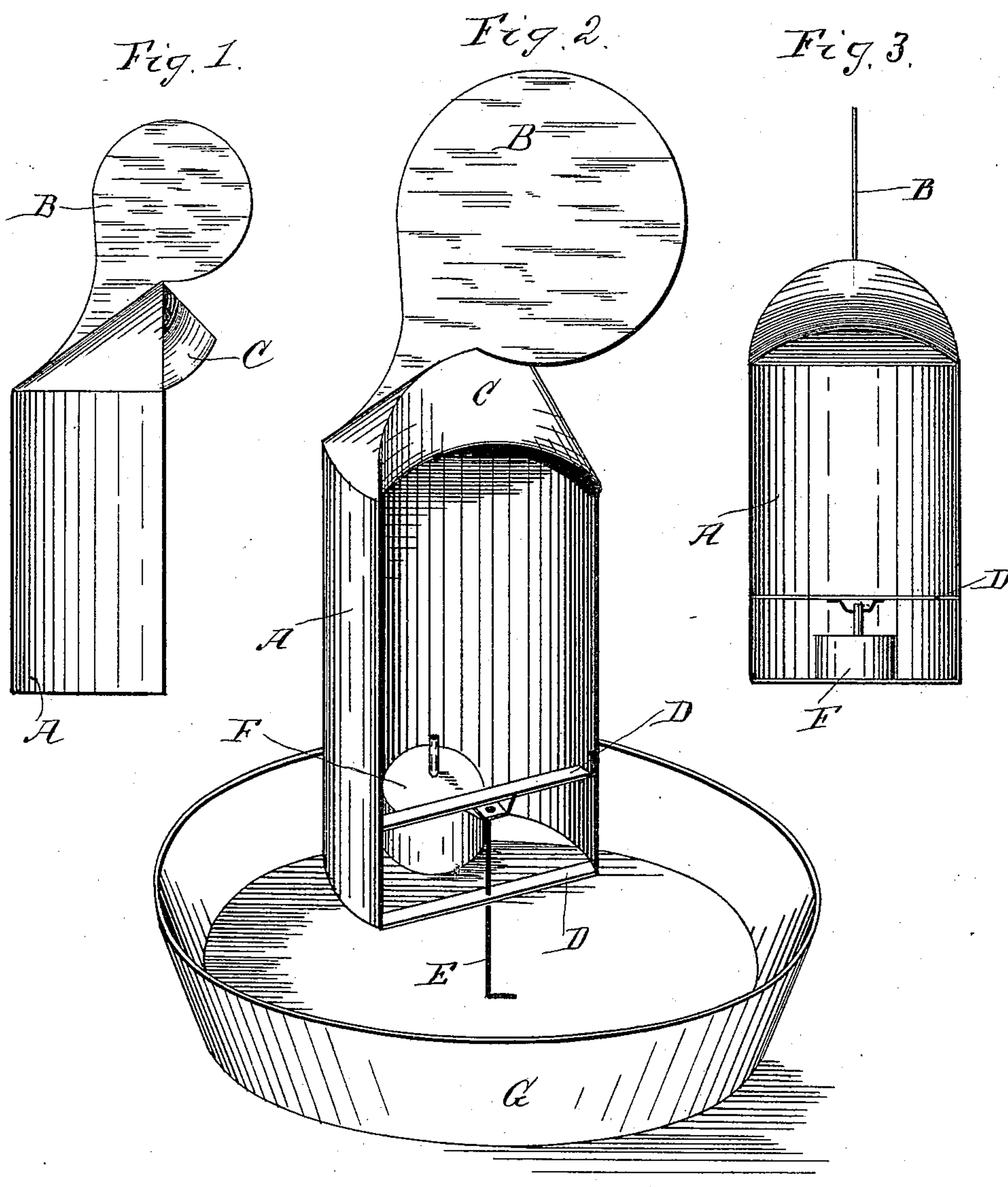


(No Model.)

L. F. WAKEMAN.
ROTARY LAMP SHADE.

No. 451,215.

Patented Apr. 28, 1891.



WITNESSES

C. J. Bell
Alvin Bell

INVENTOR

Lewis L. Wakeman
By *W. R. Stringfellow*
Attorney

UNITED STATES PATENT OFFICE.

LEWIS F. WAKEMAN, OF SHREVEPORT, LOUISIANA.

ROTARY LAMP-SHADE.

SPECIFICATION forming part of Letters Patent No. 451,215, dated April 28, 1891.

Application filed April 8, 1890. Serial No. 347,158. (No model.)

To all whom it may concern:

Be it known that I, LEWIS FARRINGTON WAKEMAN, a citizen of the United States, residing at Shreveport, in the parish of Caddo and State of Louisiana, have invented certain new and useful Improvements in Rotary Lamp-Shades; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to an improvement in a rotary lamp-shade, and its novelty will be fully understood from the following description and claim, when taken in connection with the annexed drawings; and the objects of my invention are to provide a device that will effectually prevent insects from attacking the cotton-plant, depositing eggs thereon, and generating cotton-worms, which destroy bolls and foliage of the cotton-plant. I attain these objects by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a side view of lamp-shade detached from pan. Fig. 2 is a perspective view. Fig. 3 is a front view of lamp and shade.

Similar letters refer to similar parts throughout the several views.

In the drawings, A refers to a reflector, and upon which is rigidly attached a vane B for rotating the reflector and a shade C. At a point indicated by D are two metal strips, the lower one of which has an opening, and through which a metal shaft E is inserted, and the upper end of shaft pivoted on the lower side of the top strip, as shown in Fig. 2.

F is a lamp for oil, and is rigidly attached to reflector A.

G is a metal pan, and is so constructed as to be readily engaged and disengaged from the reflector and lamp.

In constructing my device tin, sheet-iron, or any desired material may be used; but tin or galvanized iron is preferable.

In operating my device I fill the lamp with coal-oil, place pan G in an elevated position in a cotton-field, and by simply inserting shaft or rod E in openings in strips D an adjustment is made which permits lamp to rotate, and by means of the vane B the shade and reflector are rotated by the action of the wind and prevent extinguishment of the lamp. When a number of lamps are placed in a cotton-field and lighted at night, the flies are attracted by the light, come in contact with the flame of the lamp, burn their wings, and fall in pan G, which is filled with a liquid, and are thus prevented from doing injury to the cotton-plants.

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

The improved device herein described, comprising the pan or receptacle G, the reflector-shield A, pivoted in said pan and having a vane B and top shield C, and a lamp or other light-giving device arranged in the shield, substantially as specified.

In testimony whereof I affix my signature in presence of two witnesses.

LEWIS F. WAKEMAN.

Witnesses:

A. F. PIPER,
PERCY D. PARKS.