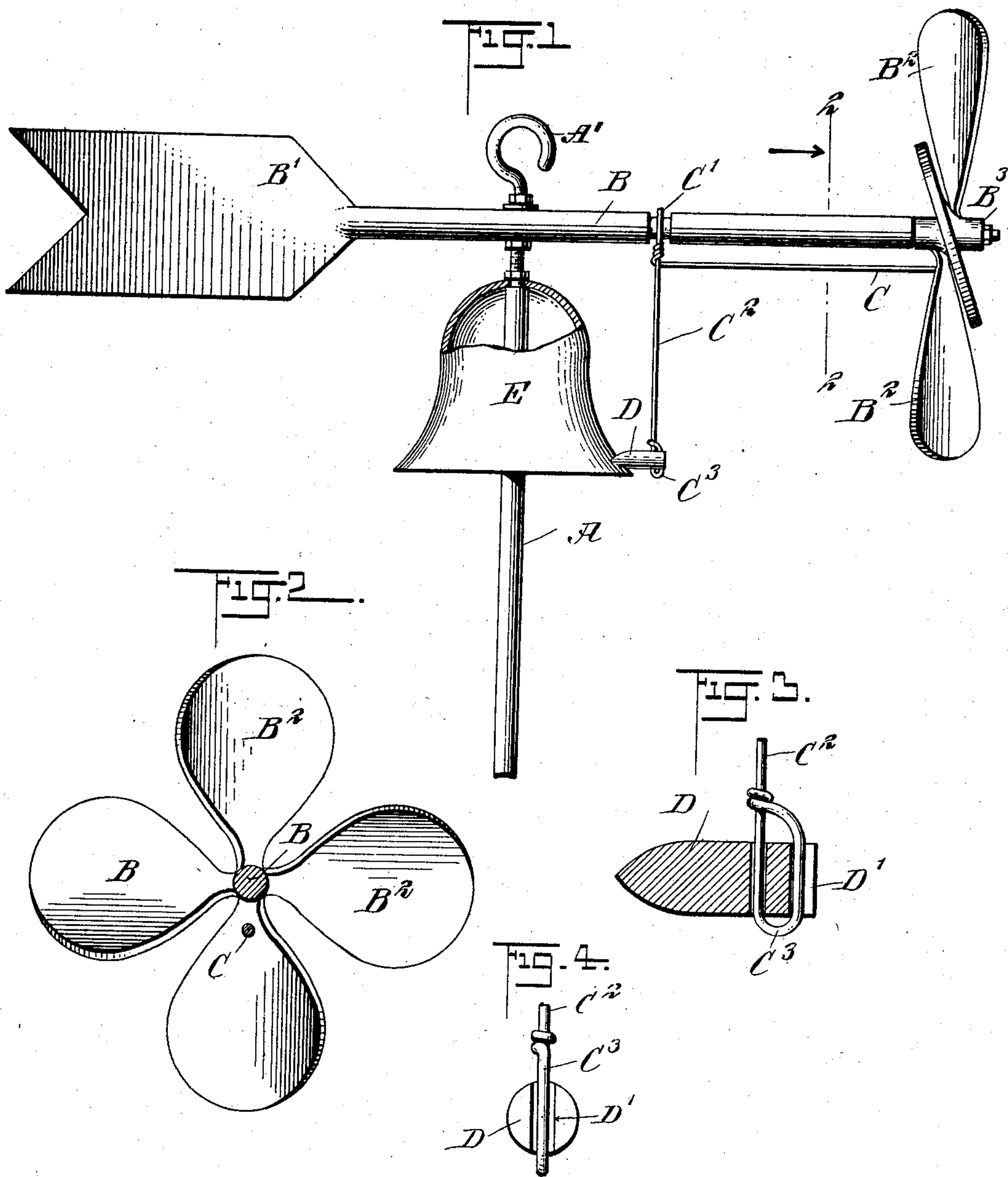


No. 746,232.

PATENTED DEC. 8, 1903.

E. ALTMAN.
ADVERTISING DEVICE.
APPLICATION FILED JULY 9, 1903.

NO MODEL.



WITNESSES:

Julius H. Lutz
John A. Kellenbeck

INVENTOR

Emil Altman

BY

Brown & Stranahan
ATTORNEYS

UNITED STATES PATENT OFFICE.

EMIL ALTMAN, OF NEW YORK, N. Y.

ADVERTISING DEVICE.

SPECIFICATION forming part of Letters Patent No. 746,232, dated December 8, 1903.

Application filed July 9, 1903. Serial No. 164,807. (No model.)

To all whom it may concern:

Be it known that I, EMIL ALTMAN, a citizen of the United States, residing in the borough of Brooklyn, county of Kings, city and State of New York, have invented certain new and useful Improvements in Advertising Devices, of which the following is a specification.

My invention relates to devices adapted to be operated by the wind, and capable of use as advertising devices or simply as toys.

The object of my invention is to provide a simple and inexpensive device of the above-indicated class.

In the accompanying drawings I have illustrated a device embodying my invention, Figure 1 being a side elevation of such device, its parts in section; Fig. 2, a sectional elevation on line 2-2 of Fig. 1; Fig. 3, a sectional detail of the clapper and its detachment, and Fig. 4 an end view of the clapper.

The device comprises a support A, which may be a rod suitably secured or loose, in which case said rod forms a handle for carrying the device. With the rod is pivotally connected at the end thereof an arm B, provided with a vane B' at one end, so that said arm may be turned into proper position by the prevailing wind. At its other end the arm B carries a series of blades B², secured to a hub B³, which is rotatably mounted on the arm. With one of the blades B² is connected a wire C, extending lengthwise of the arm B and formed into a loop C', which surrounds the arm B loosely, so as to rotate thereon. From the loop C' the wire extends outwardly, as indicated at C², and has its free end formed into an eye C³, within which is arranged the clapper D. This clapper has a vertical perforation for the passage of one member of the eye C³, and is further provided at its end with a vertical groove D' with a width greater than the thickness of the wire, so that the clapper may oscillate about a vertical axis where the wire passes through it. The free end of the clapper is preferably pointed and is adapted to engage a gong or bell E secured to any suitable part of the device, preferably the support A. It will be understood that the wind will cause the blades B² to rotate, and thus the clapper D will be carried along

the arm B and will be caused to strike the gong E at each revolution. The lateral mobility of the clapper on the wire C will allow the clapper to yield slightly, thereby producing a better sound. The loop C', in connection with the radial portion C² of the wire, prevents the clapper from being thrown away from the gong by a centrifugal force, and thus the device will operate satisfactorily whether the wind be high or moderate.

A' is a hook for suspending the article.

The device may be used either simply as a toy or as an advertising device for attracting the attention of passers-by to any article to which the device may be attached, and in this case a suitable advertisement may be produced on the vane B'.

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

1. The combination with the support, and the gong surrounding the same, of an arm pivotally connected with said support and provided with a vane, blades mounted to turn on said arm and constructed to be rotated by the impact of the air, and a clapper connected with said blades and arranged to strike the gong.

2. The combination with the support and the gong, of an arm pivotally connected with said support, and provided with a vane; blades mounted to turn on said arm; a loop connected with said blades and surrounding said arm; a carrier extending outwardly from said loop and held to rotate with the blades; and a clapper mounted on said carrier and adapted to engage the gong.

3. The combination with the support and the gong, of an arm connected with said support; blades mounted to turn on said arm; a rotary carrier connected with said blades, and provided with an eye at its free end; and a clapper having a perforation to receive one member of said eye, and a groove for the reception of the other member of the eye, said groove being wider than the corresponding member of the eye, so as to allow the clapper to swing laterally.

4. The combination with the gong, the rotary blades and the arm on which said blades are mounted to turn, of the carrier connected

with said blades to turn therewith, and comprising a portion extending lengthwise of the arm, a loop surrounding said arm loosely, and a free portion or carrier proper extending
5 outwardly from said loop; and a clapper mounted on said free portion to rotate with the blades and adapted to engage the gong.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

EMIL ALTMAN.

Witnesses:

HANS V. BRIESEN,
EUGENE EBLE.