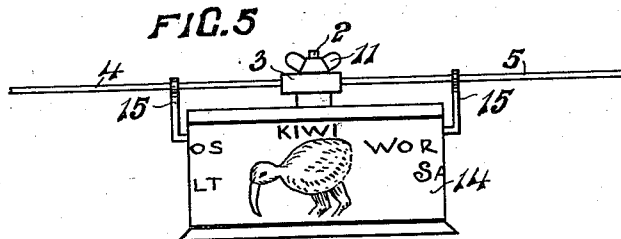
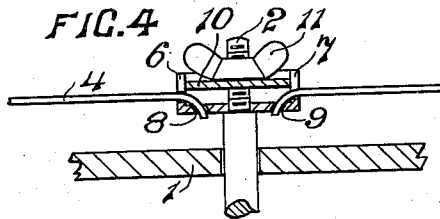
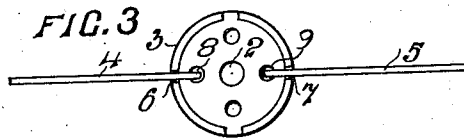
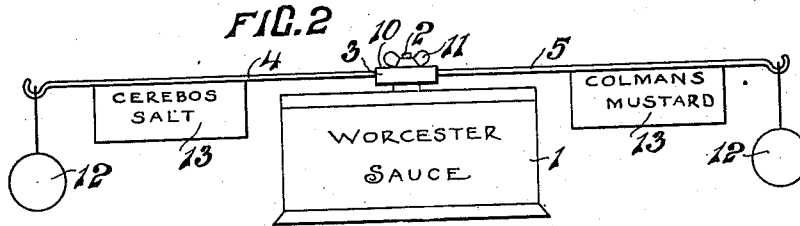
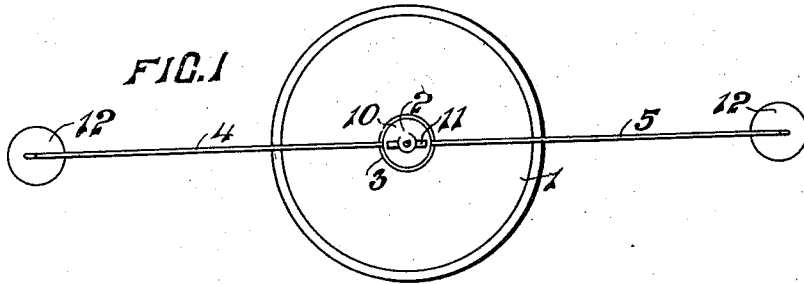


C. MILLS.
 APPARATUS FOR PREVENTING FLIES FROM SETTLING.
 APPLICATION FILED MAY 4, 1911.

1,012,689.

Patented Dec. 26, 1911.



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UNITED STATES PATENT OFFICE.

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APPARATUS FOR PREVENTING FLIES FROM SETTTLING.

1,012,689.

Specification of Letters Patent.

Patented Dec. 26, 1911.

Application filed May 4, 1911. Serial No. 625,108.

To all whom it may concern:

Be it known that I, CHARLES MILLS, a subject of the King of Great Britain, residing at 134 Hereford street, in the city of Christchurch, Province of Canterbury, and Dominion of New Zealand, have invented a new and useful Improvement in Apparatus for Preventing Flies from Settling, of which the following is a specification.

This invention relates to means for preventing flies from settling upon a dining table or other object which it is desired to protect, the object of the invention being the production of a simple and inexpensive device for this purpose which being noiseless in operation and creating no draft will be suitable for use in sick rooms and other places where those features are essential.

The invention is such that while performing its ordinary function as above indicated, it will serve as an effective means of displaying advertising matter.

In describing the invention reference will now be made to the accompanying drawings in which:—

Figure 1.— is a plan view of the device, Fig. 2.— is a side elevation thereof, Fig. 3.— is a plan view on an enlarged scale of a cap which carries the arms, Fig 4.— is a sectional view of the cap and parts with the arms secured therein, and Fig. 5.— is an elevation of the device showing it fitted up as an advertising medium as will be afterward explained.

The case 1 contains clockwork mechanism of the type used to drive gramophone disks and the like, which rotates the vertical axle 2. The recessed cap 3 is fitted upon a shoulder portion of the axle and the wire arms 4 and 5 are passed through holes 6 and 7 respectively in the sides of the disk, their ends being bent to pass through other holes 8 and 9 in the bottom of the cap. A plate 10, fit-

ting in the recess in the cap is clamped down upon the arms to secure them in position by a thumb nut 11. There may be only one or as many of the arms as is considered advisable. Balls 12 of wool or the like are attached to the ends of the arms and swing out when the arms are revolved. The arms may be telescopic to enable a larger or smaller area to be covered as required.

In order that the device in addition to its ordinary function in driving away flies, may serve as an advertising medium, cards or flags 13 bearing upon both sides the matter to be displayed, are suspended upon the arms 4 and 5 as shown in Fig. 2 so that as the arms rotate each advertisement will in turn be presented to view from all parts of the table.

The exterior of the case 1 may be utilized as a means of displaying a fixed advertisement as shown in Fig. 2 or as an alternative such case may be encircled as shown in Fig. 5 by a loosely fitting sleeve 14 which is suspended by means of the hangers 15 upon the arms 4 and 5 so as to revolve therewith, thus displaying in rotation a number of advertisements disposed around its circumference.

I claim.

A device of the character described comprising in combination a clockwork mechanism, a vertical axle rotated thereby, a recessed cap secured upon the upper end of said axle and provided with holes to receive the ends of radial arms, a disk fitting the recess and a nut for clamping the disk upon said arms, substantially as and for the purpose set forth.

In witness whereof I have hereunto set my hand in the presence of two witnesses.

CHARLES MILLS.

Witnesses:

PERCY RICHMOND CLIMIE,
CYRIL CARLYN COATES.