Feb. 12, 1924. 1,483,749

A. H. SEEAR

ROTATING PLATFORM

Filed Sept. 22, 1923

Fig. 1.

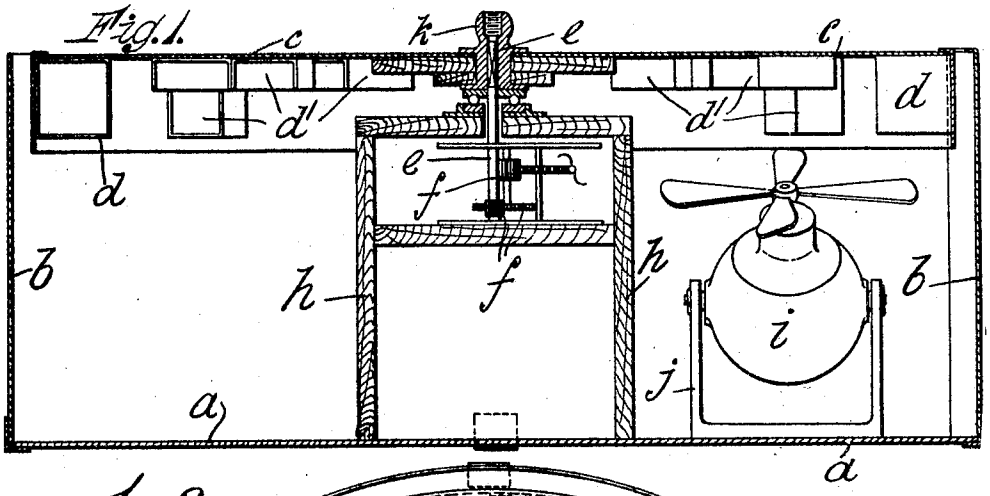
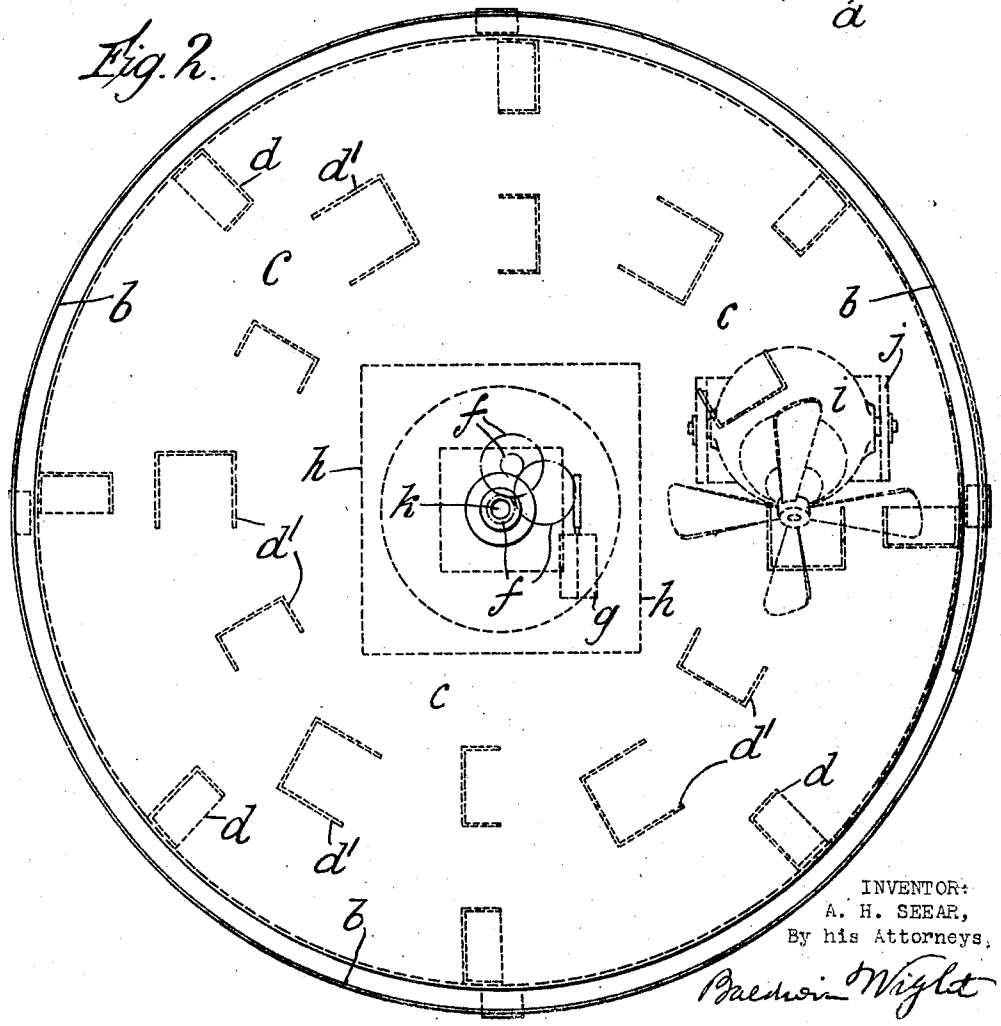


Fig. 2.



INVENTOR:
A. H. SEEAR,
By his Attorneys,
Baldwin & Wright

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UNITED STATES PATENT OFFICE.

ALFRED HAROLD SEEAR, OF WEMBLEY PARK, ENGLAND.

ROTATING PLATFORM.

Application filed September 22, 1923. Serial No. 664,208.

To all whom it may concern:

Be it known that I, ALFRED HAROLD SEEAR, a subject of the King of Great Britain, residing at Manx Villa, Oakington Avenue, Wembley Park, Middlesex, England, have invented new and useful Improvements in or Relating to Rotating Platforms, of which the following is a specification.

This invention relates to improvements in rotating platforms and is particularly applicable for displaying goods in shop windows, and has for its object a simple and cheap method of producing the rotation of the platform.

According to this invention a platform is provided on its underside with vanes or the like, while an electrically driven fan is arranged within a casing surrounding the vanes. Preferably means are provided for governing the speed of rotation of the platform.

The invention is illustrated in the accompanying drawing in which Figure 1 is a section and Figure 2 a plan of an arrangement forming the subject of this invention.

Referring to the drawing, the casing consists of a base plate *a* and sides *b*. *c* is the platform provided on its underside with a series of vanes or buckets *d* and *d'*. As illustrated there are three series of buckets, viz the series *d* and the two series *d'* arranged staggered. The platform *c* engages with a spindle *e* of a train of wheels *f* terminating in a vane governor *g*. The mechanism is mounted on a pedestal *h*. *i* is an electric fan rotatably mounted in a frame *j* to facilitate its positioning to its most effective angle.

The articles to be displayed are placed on the platform while a screw socket *k* is provided for carrying a screw rod upon which other articles or a show case may be mounted.

What I claim is:—

1. The combination of a rotatable platform provided on its underside with propelling vanes, a casing surrounding the platform, and a rotary fan within the casing which directs air currents to the vanes and thus causes the platform to rotate by air currents initially confined within the casing.

2. The combination of a platform provided on its underside with a series of concentrically arranged propelling vanes, a support below the platform on which it is pivotally mounted to turn, a casing surrounding the platform and the support and providing a closed chamber below the platform, and an electrically driven fan within the casing and serving to initially confine and distribute currents of air throughout the casing.

3. The combination of a platform, provided on its underside with propelling vanes, a support below the platform on which the latter is pivotally mounted, a casing surrounding the support and the platform, an electrically driven fan within the casing, and a frame within the casing to which the electrically driven fan is pivotally connected.

In testimony that I claim the foregoing as my invention I have signed my name this 14th day of August, 1923.

ALFRED HAROLD SEEAR.