

No. 749,464.

PATENTED JAN. 12, 1904.

J. F. THEISS.
DISPLAY RACK.

APPLICATION FILED MAY 27, 1903.

NO MODEL.

Fig. 1.

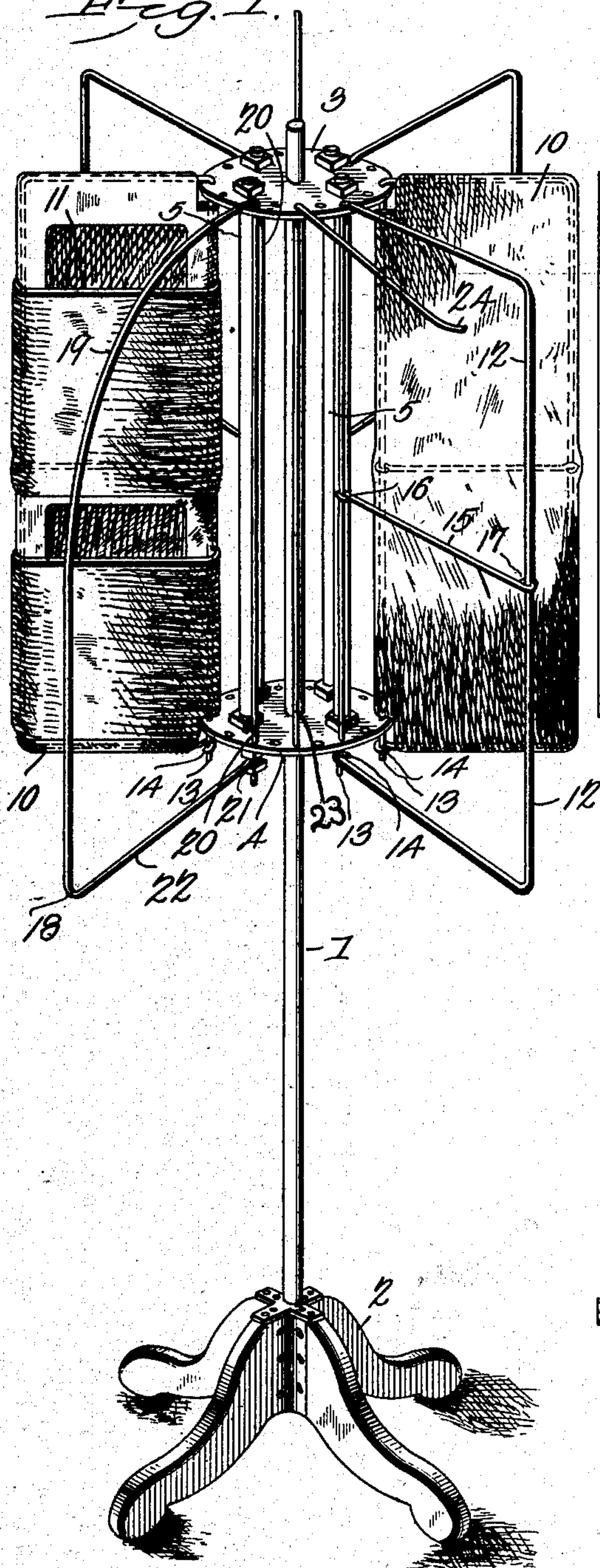


Fig. 2.

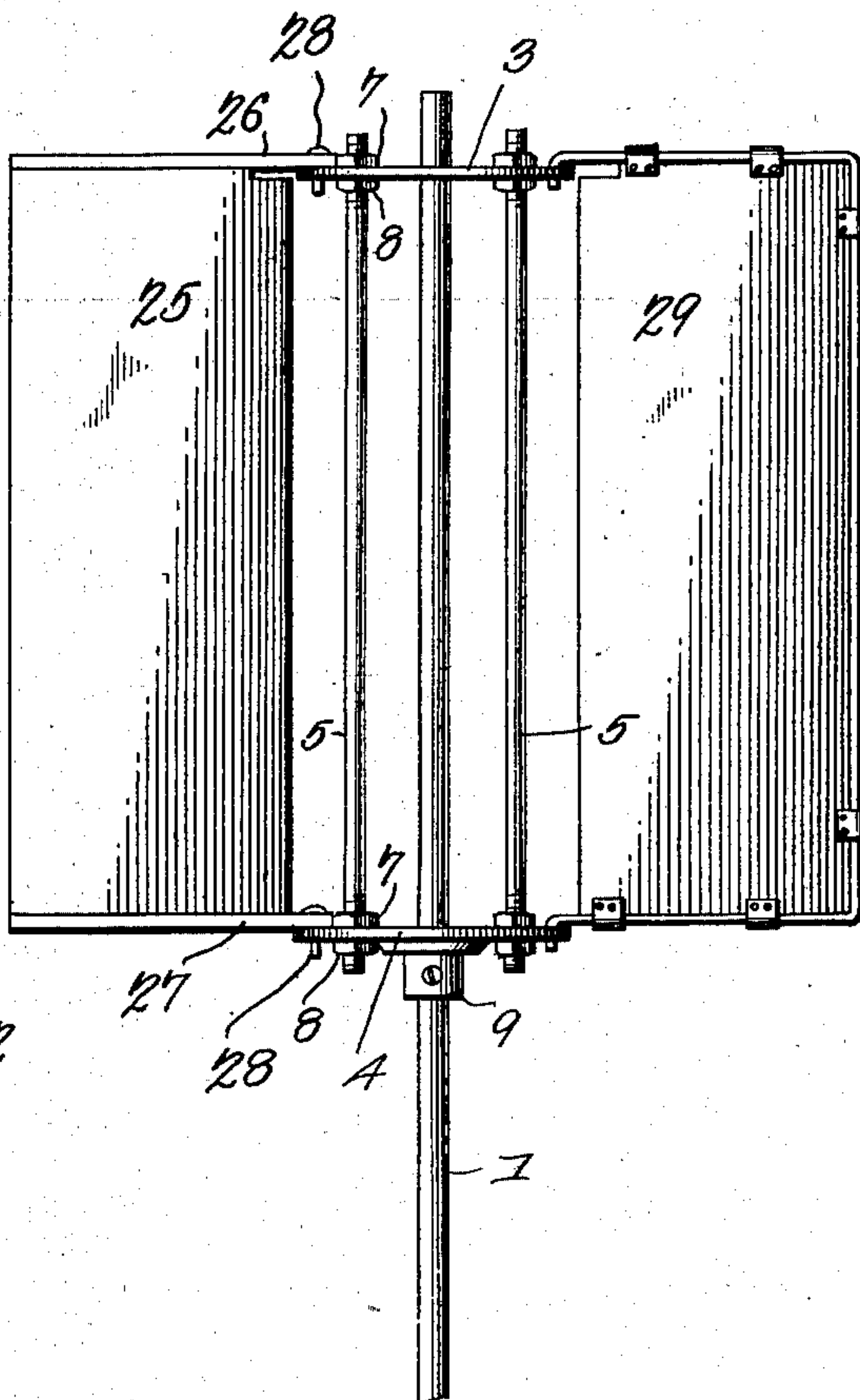
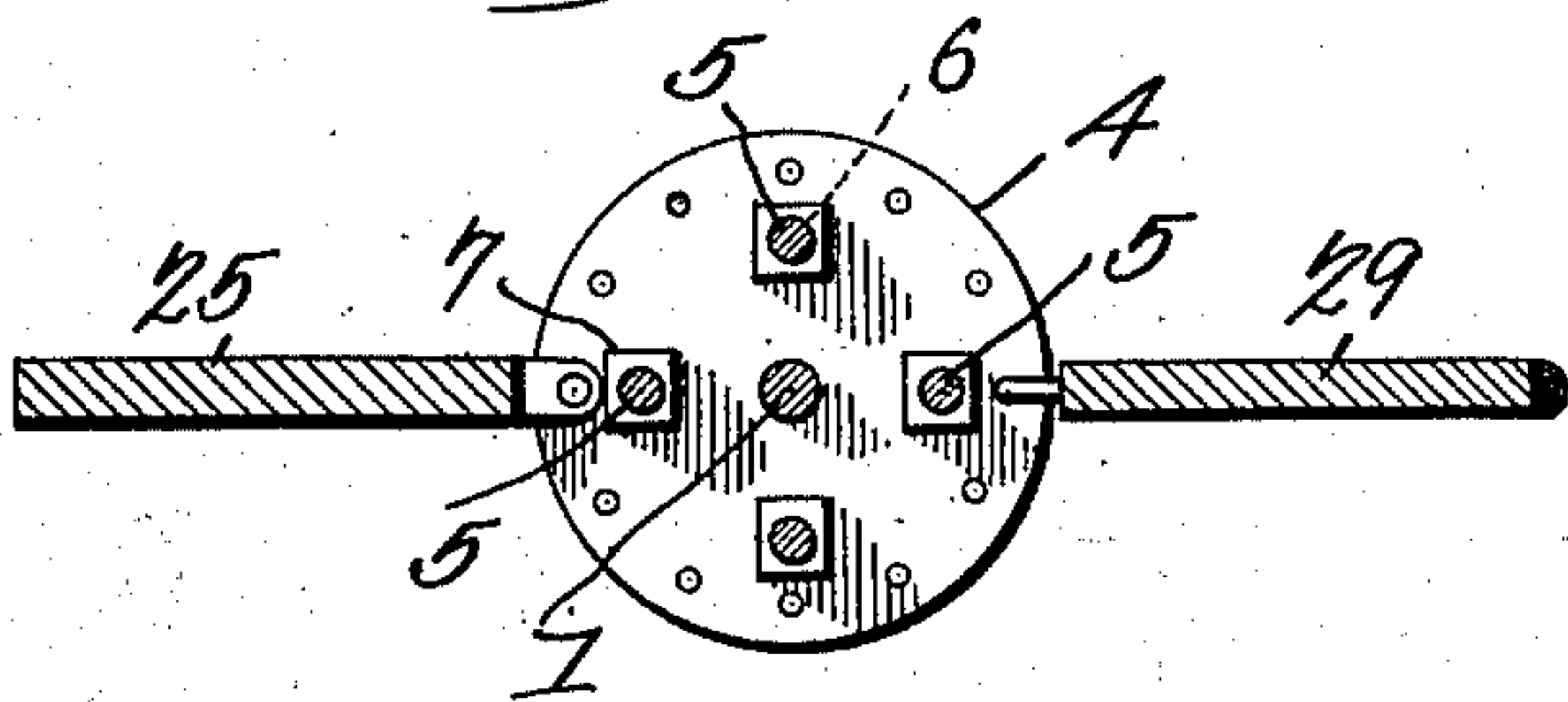


Fig. 3.



Witnesses
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UNITED STATES PATENT OFFICE.

JOSEPH F. THEISS, OF MENDOTA, ILLINOIS.

DISPLAY-RACK.

SPECIFICATION forming part of Letters Patent No. 749,464, dated January 12, 1904.

Application filed May 27, 1903. Serial No. 159,038. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH F. THEISS, a citizen of the United States, residing at Mendota, in the county of Lasalle and State of Illinois, have invented a new and useful Display-Rack, of which the following is a specification.

This invention relates to display-racks, and one of the objects thereof is to provide a simple construction of rack capable of efficiently containing a plurality of exhibits within a comparatively small space.

Another object of the invention is to provide a rack which can be manipulated so as to successively bring the exhibits into view.

A further object of the invention is to provide means for removably supporting the exhibits upon the rack, so that they may be applied to and removed therefrom in multiples.

A still further object of the invention is to provide suitable receptacles for receiving removable samples and exhibits.

Further objects as well as the advantages of this invention will appear in the following description, and the novel features thereof will be particularly pointed out in the appended claims, it being understood that various changes in the form, proportion, and the minor details of construction may be resorted to without departing from the spirit or sacrificing any of the advantages of this invention.

In the drawings, Figure 1 is a perspective view of a rack constructed in accordance with my invention and illustrating different forms of exhibit-supporting devices. Fig. 2 is a view in elevation of one of the carriers with different forms of frames, and Fig. 3 is a horizontal view of the carrier.

In the preferred embodiment of this invention as illustrated in the accompanying drawings, 1 designates a standard suitably supported upon a base 2. A rotatable carrier is mounted upon the standard 1, comprising upper and lower heads 3 and 4, spaced apart by members 5, conveniently illustrated as rods. The heads 3 and 4 comprise disks provided with openings 6, through which the threaded ends of the rods 5 project, nuts 7 and 8 being disposed upon the respective ends of the rods above and below the disks and act as clamping members between which the disks are secured.

In order that the carrier will be conveniently supported upon the standard 1, alining openings are provided in the respective heads through which the standard projects, and the lower head rests upon the shoulder or collar 9, upon which it is free to revolve.

It is contemplated that under certain conditions it will be found desirable to exhibit a plurality of small articles upon a single member, and in order to provide for an easy application to and removal from the rack I provide a sheet 10 in substantially the form of an envelop, which can be slipped over the swinging frames carried by the carrier on the standard 1. The sheets or envelops are preferably made of some light fabric to which the exhibited articles can be conveniently pinned or otherwise secured, or, if desired, pockets 11 can be attached to the envelops in any convenient manner to receive samples or articles which could not otherwise be conveniently applied.

The preferred form of the swinging frames 12 is provided with a spring-tongue 13, which is designed to pass through the alining peripheral openings in the disks of the heads 3 and 4, and adapted to be locked against displacement by a terminal catch 14, carried by one of the lateral arms of said frame. These frames are adapted to freely swing on the heads, so that access can be had to the envelops without removing them from the frame.

15 designates a brace which comprises a link having terminal engaging devices 16 and 17 for attachment to the frame, so as to strengthen it as well as to assist in holding the spring-tongue in a locked position.

Each successive frame can be caused to be brought into view and within easy reach of the operator by rotating the carrier on the standard 1, which rotation can be effected in any convenient manner.

It is my intention to employ swinging frames of different shapes or configurations, and in Figs. 1 and 2 some of the desirable forms are illustrated. In Fig. 1, 18 designates a frame having a curved or bowed member 19, provided with a tongue 20, which engages with a catch 21, carried by the lateral arm 22 of the frame in a manner similar to

the frame 12. The form designated by the reference-numeral 23 consists of a lateral arm 24, provided with a tongue which projects through the openings in the disks or heads.

- 5 In Fig. 2 the numeral 25 designates a rectangular frame with lateral arms 26 and 27, having openings coinciding with those in the disks, so that said frame can be secured to the carrier by the pins 28, while the form
10 designated by the reference-numeral 29 is provided with a binding-wire with integral projections designed to engage the alining openings in the respective disks.

It will be observed that the respective en-
15 velops are capable of receiving articles on both sides, and thereby rendering the rack capable of supporting a large quantity of exhibits within a comparatively small space.

Having thus described the invention, what I
20 claim is—

1. A display-rack comprising a support, frames carried by the support and envelops fitting over the frames.
2. In a display-rack, a rectangular frame
25 and an envelop fitting over the frame.
3. In a display-rack, a frame, an envelop fitting over the frame and having pockets.
4. A display-rack comprising a support, a frame carried by the support and removable
30 exhibit-envelops carried by the frame.

5. A display-rack comprising a support, a frame carried by the support and a hollow exhibit-holder having two independent sides and carried by the frame.

6. In a display-rack, a support, a remov- 35 able frame on the support and provided with a yielding tongue projecting through the support and a catch for engagement with the tongue.

7. In a display-rack a support, a remov- 40 able frame on the support and having a terminally-disposed yielding tongue and a terminally-disposed catch for the tongue.

8. In a display-rack, a support, a frame on the support and having an engaging yielding 45 tongue and an intermediate brace engaging the frame and the tongue.

9. In a display-rack, the combination with a rotatable carrier, swinging frames carried by the carrier and having yielding tongues 50 projecting therethrough and engaging the frame, and removable envelops carried by the frames.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in 55 the presence of two witnesses.

JOSEPH F. THEISS.

Witnesses:

J. F. McCORMICK,
JOSEPH P. SONNTAG.