F. N. ROBINSON.

REVOLVING NUT STAND.

APPLICATION FILED FEB. 25, 1908.

910,585. Patented Jan. 26, 1909.

Fig. I

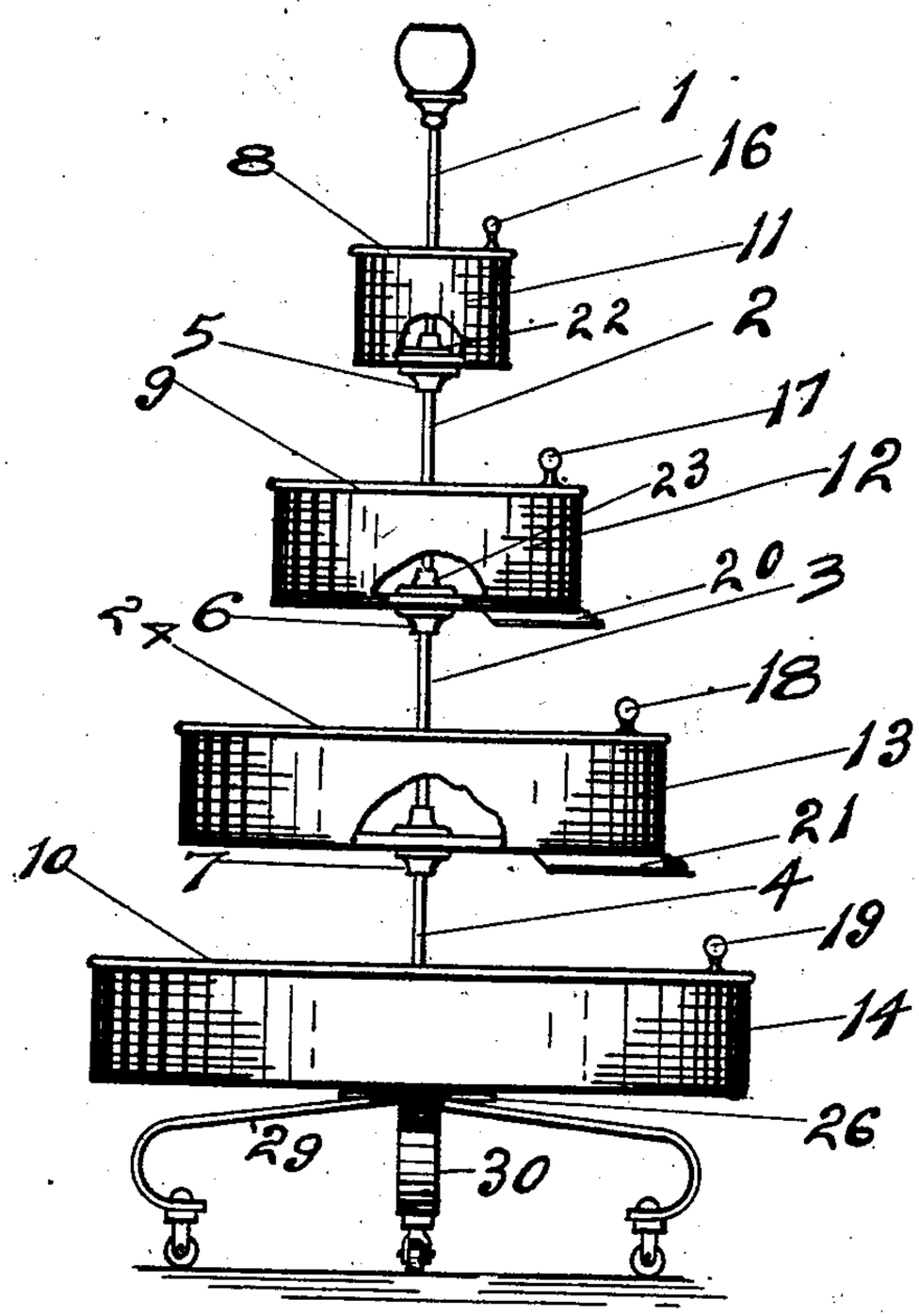


Fig. II

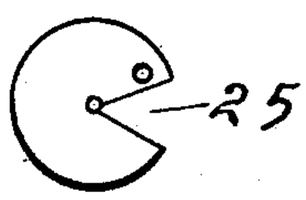


Fig. III

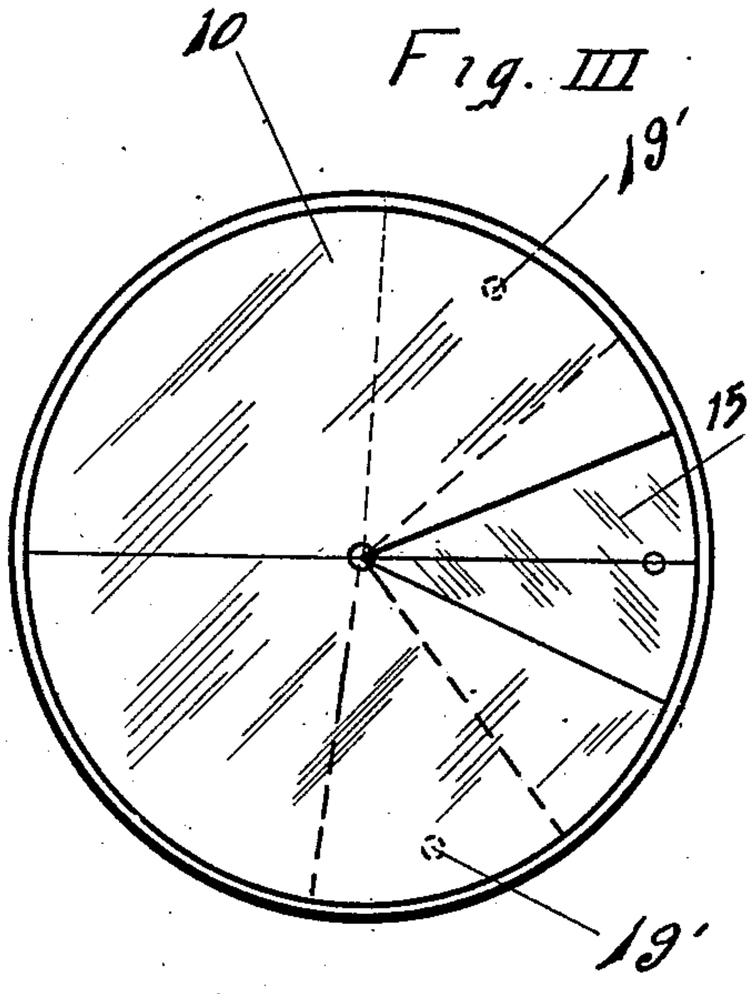


Fig. VII

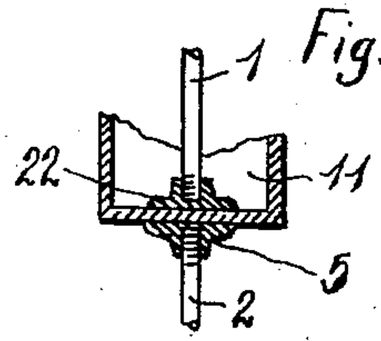


Fig. IV

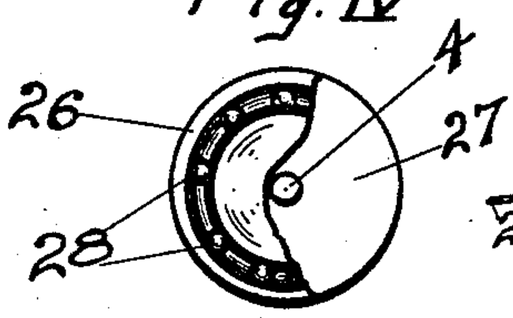
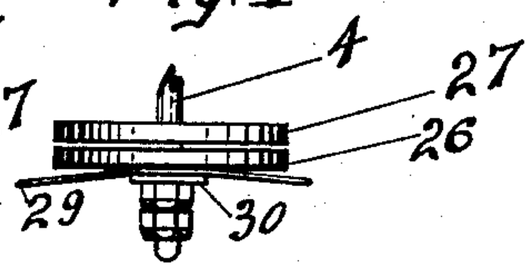


Fig. V



Witnesses.

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UNITED STATES PATENT OFFICE.

FRANK N. ROBINSON, OF PORTLAND, OREGON.

REVOLVING NUT-STAND.

No. 910,585. Specification of Letters Patent. Patented Jan. 26, 1909.

Application filed February 25, 1908. Serial No. 417,730.

To all whom it may concern:

Be it known that I, FRANK N. ROBINSON, a citizen of the United States, residing at Portland, in the county of Multnomah and State of Oregon, have invented a new and useful Revolving Nut-Stand, of which the following is a specification.

My invention relates to a revolving nut stand, which is composed of a series of racks made in such a manner that sections of cylinders are mounted on vertical shafts, the larger one being on the bottom and succeeding, and smaller ones, are mounted each above the other on segments of shafts, being made in such a manner that access may be had to each of the sections without disturbing the other. Each of these sections contains a rotatable cover, so made that, when it is desired, it completely covers the sections of cylinders, or by rotating it about the shaft access may be had to the interior. I attain these objects by the mechanism illustrated in the accompanying drawing, in which—

Figure 1 is a side elevation of the entire mechanism. Fig. 2 is a detail of the cover, showing method of constructing the same. Fig. 3 is a detail of the top section of one cylinder, showing the cover in place, also method of closing the same. Fig. 4 is a top view of the ball bearing device, and shows method of revolving the entire stand. Fig. 5 is a side elevation of the same. Fig. 6 is a sectional view partially broken away showing more clearly the manner of connection of the sections of the supporting stem with the cylinder sections of the stand.

Similar numerals refer to similar parts throughout the several views.

The shafts upon which the sections of cylinders are fastened are composed of different segments. 1 is screwed into 22. On the under side of section 11 is flange 5; segment of shaft 2 is screwed into 5 and 23. In like manner all other sections of cylinders are fastened together. This method holds the sections of cylinders rigidly in place.

As the stand is assembled, the covers, or tops, 8, 9, 24, and 10 are put in place. These covers have knobs 16, 17, 18, and 19 on them, which enables the attendant to turn them into any desired position. Each of the covers have an opening as shown in Fig. 2 in 25. Each of the sections of cylinders have a segment of a cover 15, which is fastened rigidly in place. When cover is turned so that opening 25 is over 15, no access may be had to the cylinder, but by rotating the cover in either direction, as shown by dotted lines, in Fig. 3 until 25 passes beyond 15, then access may be had to the interior.

20 and 21 are small pockets fastened underneath 12 and 13; these are for the purpose of holding bags into which nuts may be placed.

Shaft 4 is fastened to 27 and passes on through 26, terminating with a thread, nuts on which support 29 and 30. In this, 26 and 27, are annular rings for ball bearings. These make the revolving of the entire stand possible. 27 is fastened rigidly to bottom of cylinder 14.

I claim:

In a nut stand, the combination of a base, a supporting stem carried thereby, a plurality of cylinder sections mounted upon said stem, each cylinder section being provided therein with a segmental-shaped closure element, a cover for each cylinder section having a central opening to receive the stem, whereby said cover is freely rotatable, and also having at its outer portion a segmental-shaped opening adapted to register with the adjacent closure and prevent access to the interior of the cylinder section, and a handle for each cover, the stem aforesaid being made in sections which have detachable connection with adjacent cylinder sections, to facilitate assemblage of the parts of the device and disposition of the covers in operative positions.

FRANK N. ROBINSON.

Witnesses:

JOSEPHINE SCHULMERICH,

DAVID LORINGS.