B. J. KOEHLER.

DISPLAY RACK.

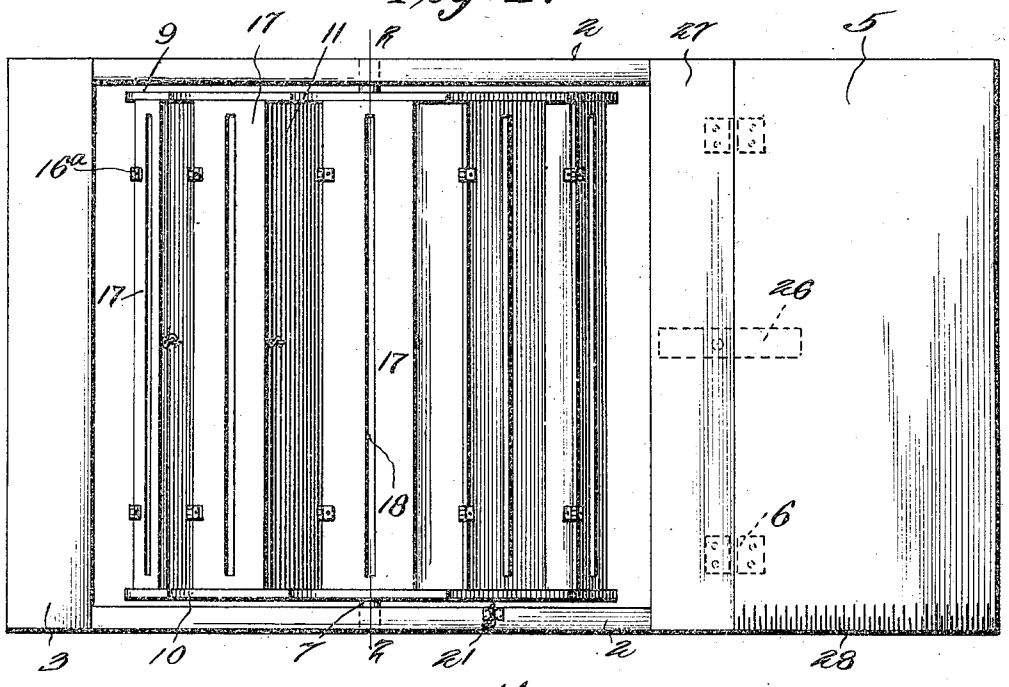
APPLICATION FILED MAR. 23, 1916.

1,255,097.

Patented Jan. 29, 1918.

2 SHEETS—SHEET 1.

Fig. 1.



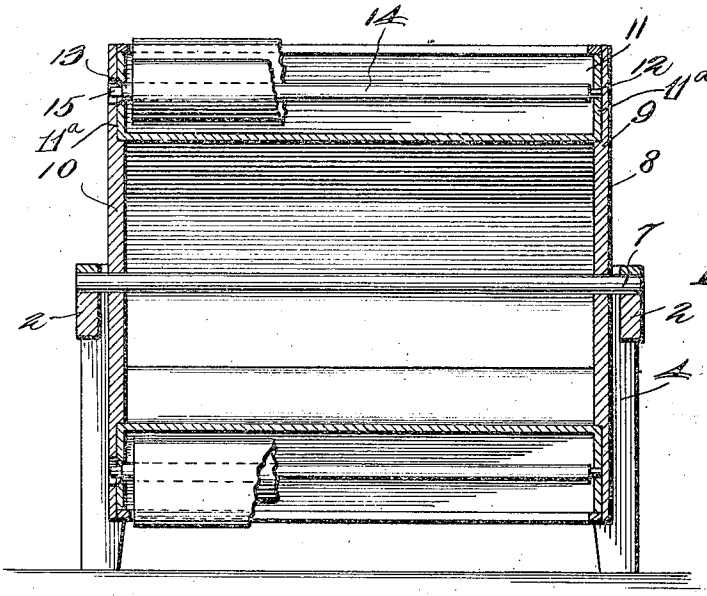


Fig. 2.

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2 SHEETS—SHEET 2.

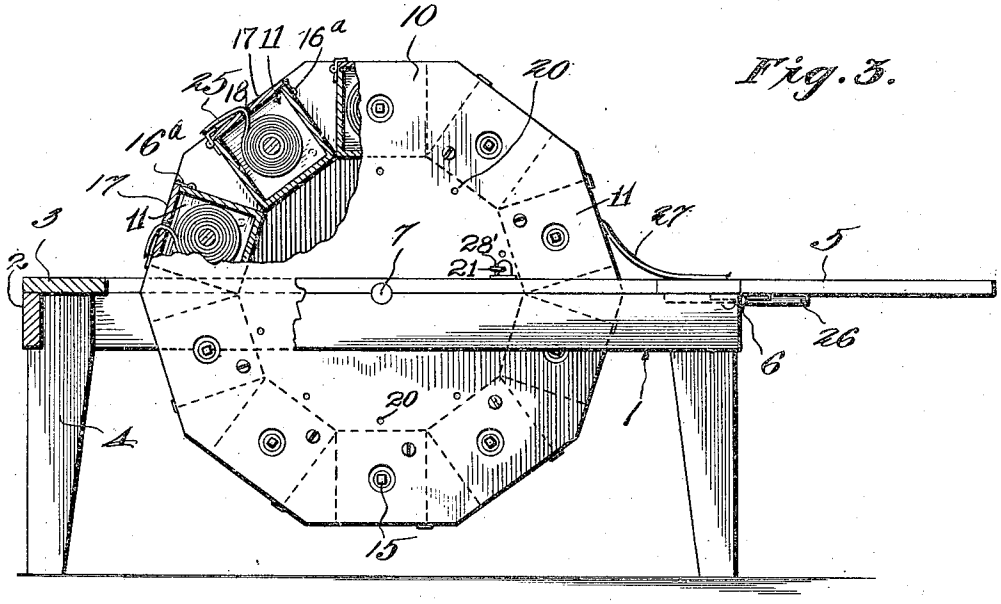


Fig. 3.

Fig. 4.

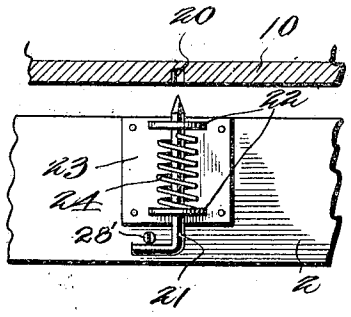
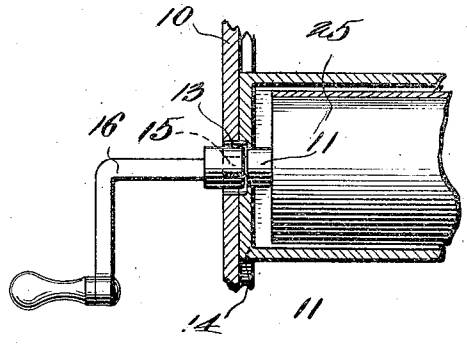


Fig. 5.



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UNITED STATES PATENT OFFICE.

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DISPLAY-RACK.

1,255,097. Specification of Letters Patent. Patented Jan. 29, 1918.

Application filed March 23, 1916. Serial No. 86,200.

To all whom it may concern:

Be it known that I, BERT J. KOEHLER, a citizen of the United States, residing at Brenham, in the county of Washington and State of Texas, have invented certain new and useful Improvements in Display-Racks, of which the following is a specification.

This invention relates to display racks, and more particularly to a rotary display rack whereby the goods supported thereupon may be readily exhibited.

The primary object of the invention is to eliminate the heretofore difficult and laborious procedure resorted to by salesmen in displaying various fabrics which consists of removing a number of bolts of material from shelving whereupon the same is exhibited and then rewound or rerolled and again placed upon the shelving, and to provide means in lieu thereof in form of a rotary display rack, said rack being provided with a plurality of bars or brackets for rotatably supporting the various bolts of material whereby the material may be readily displayed and then rewound so that another bolt may be brought in a position to be displayed.

The invention contemplates the provision of a rotary drum suitably supported upon a frame, and to arrange circumferentially about the roll, a plurality of receptacles for receiving the goods to be displayed; the provision of a rotatable supporting member, one end of said member being so formed as to be readily engageable with a crank or other suitable implement, whereby the rotary supporting member may be so operated as to readily rewind the material arranged thereupon.

The invention also aims to provide a novel means whereby the rotary drum may be moved into various positions so that the material carried thereby may be readily and conveniently displayed and means whereby said drum may be securely locked in its temporary position.

Other improvements and novel details in the construction and arrangement of the various parts of the apparatus will be brought out more in detail in the description to follow, which for a clear understanding of the invention, should be considered in connection with the accompanying drawings forming a part thereof, and wherein is disclosed for the purpose of illustration, convenient and satisfactory embodiments of the invention.

In the drawings:—

Figure 1 is a top plan of the device;

Fig. 2 is a transverse section taken on the line 2—2 of Fig. 1;

Fig. 3 is a longitudinal elevation partly in section;

Fig. 4 is a detail view of the locking means for holding the rotary drum in a temporarily adjusted position; and

Fig. 5 is a detail partly in section of the roll winding means.

Referring now more particularly to the drawings wherein like reference characters denote like or corresponding parts throughout the several views thereof, 1 represents a frame member in its entirety, comprising side and end portions 2 and 3, respectively, and supporting legs generally numbered 4, the forward end of the frame having pivotally secured thereto a leaf or board 5 as at 6. Rotatably mounted in the side pieces 2 of the frame, is a shaft 7, having arranged thereon a drum 8, said drum comprising substantially circular end portions 9 and 10 which portions have supported therebetween and arranged transversely thereof a plurality of receptacles 11, rectangular in cross section. It will be observed in Fig. 2, that the heads 9 and 10 of the drum 8 are recessed at the peripheries as at 11^a. The recesses 11^a are formed on the inside of the heads at the peripheries, the receptacles being supported between the heads in the recesses. These receptacles 11 have journaled therein, as at 12 and 13, supporting rolls 14, one end of each supporting roll being squared as at 15 and adapted to receive an operating crank or member 16, whereby the same may be rotated, while hingedly secured to one side thereof as at 16^a, is a cover closure 17, said closure being provided with an elongated slot 18, the purpose of which shall be subsequently described. In order to provide for means whereby the rotatable drum 8 may be temporarily held in an adjusted position, I arrange a plurality of radially disposed recesses 20 in the drum head 10 which are adapted to receive a movable locking member 21. The locking member 21 is slidably supported between ears 22, arranged upon a bracket member 23, and normally held in a disengaged position from

the drum 10 against the tension of a helical spring 24, arranged thereabout, by a pin 28. It will be noted that the locking member 21 is provided with an angularly extended arm which is adapted to be hooked over the pin 28′ to hold the latch member 21 from the recess 20, as shown in Fig. 4. In order that the goods, 25, may be readily displayed upon the device, the hingedly supported shelf 5 is raised to a horizontal position and locked in this position by means of a rotatable arm 26, the receptacle containing the goods to be displayed having been previously brought into the proper position, is unrolled, and by means of a deflector or guide strip 27, the material may be readily laid onto the shelf 5. The shelf 5 may be provided with a plurality of graduations, as at 28, denoting the linear measurements, whereby desired lengths of the fabric, or goods, may be ascertained and cut from the roll. It is to be understood that the rolls of fabric might be supplemented with new ones or in the case the original supply has become exhausted, it is only necessary that the hinged cover 17 be swung upwardly upon its hinges and additional rolls of fabric placed within the receptacle and the supporting roll 14 threaded therethrough into its bearing 12, by means of the opening or journal 13.

Still further embodiments of the invention than those herein especially defined may be resorted to as conditions or preferences may dictate, as may be in keeping with the hereto appended claims.

I claim:

1. A rotary display rack, including drum heads with recesses, dispensing receptacles supported between said drum heads in the recesses, means arranged in said receptacles for rotatably supporting the material to be dispensed, and means for holding the drum in an adjusted position.

2. A rotary display rack, including a drum having heads provided with recesses on the inside faces, receptacles supported between the heads in the recesses, each receptacle having a slot and shaft openings, and a shaft adapted to be supported in the openings, said shaft being arranged to support a roll of goods the end of which is adapted to project through the slot.

3. A rotary display rack including a drum having heads with recesses on the inside surfaces, one of the recesses having an aperture communicating therewith, a receptacle supported between the heads of the drum in each of the opposing pairs of recesses, and a drum shaft journaled in the receptacle with one end extending into the aperture, said end being square to receive a crank.

4. A rotary display rack including a drum, the drum including heads having recesses, receptacles supported between the heads in the recesses, hinged covers for the receptacles said covers having slots, shafts rotatably supported in the receptacles one end of each of the shafts being squared, said shafts being arranged to support a roll of goods, one end thereof being adapted to extend through the slot in the cover, a support including a table for the drum, and a guide strip on the table extending into proximity with the drum for receiving the goods as it is unrolled from the shaft.

5. A rotary display rack including a drum having heads, a supporting shaft passing through the heads, a supporting frame for receiving the shaft and forming a bearing therefor, a hinged table having a graduated edge mounted on the frame, a spring latch adapted to engage one of the drum heads for holding the drum from rotation, means for holding the spring latch out of operative engagement with the drum head, receptacles between the drum heads, said receptacles having hinged and slotted covers, goods supporting shafts in the receptacles being adapted to hold a roll of goods, the end of which being adapted to project through the slot, and a deflector upon the frame for guiding the goods from a receptacle onto the table into registration with the graduations.

In testimony whereof I affix my signature in presence of two witnesses.

BERT J. KOEHLER.

Witnesses:
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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."