

B. W. SMITH.
 COMBINED TWINE HOLDER AND ADVERTISING DEVICE.
 APPLICATION FILED JAN. 10, 1921.

1,407,175.

Patented Feb. 21, 1922.

Fig. 1

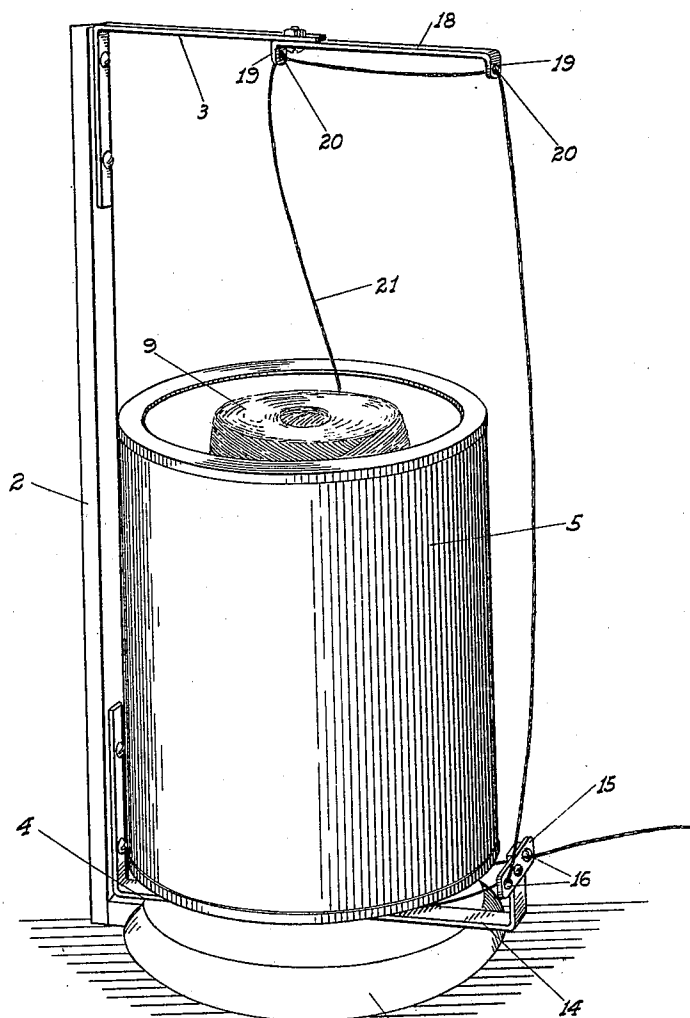
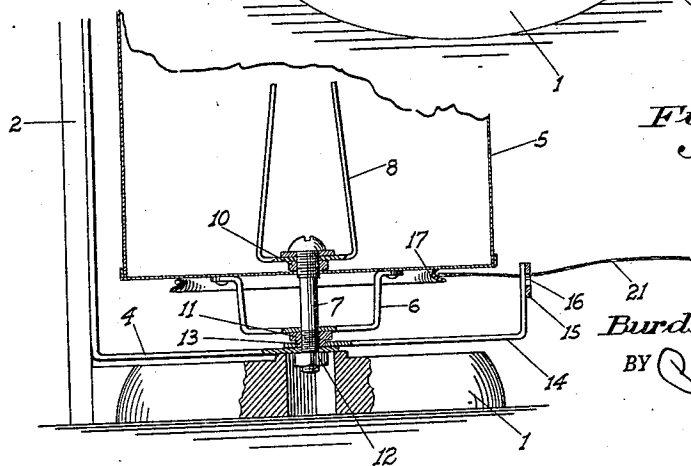


Fig. 2



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COMBINED TWINE HOLDER AND ADVERTISING DEVICE.

1,407,175.

Specification of Letters Patent. Patented Feb. 21, 1922.

Application filed January 10, 1921. Serial No. 436,088.

To all whom it may concern:

Be it known that I, BURDSEY W. SMITH, a citizen of the United States, residing at Oroville, county of Butte, State of California, have invented certain new and useful Improvements in Combined Twine Holders and Advertising Devices; and I do declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, and to the characters of reference marked thereon, which form a part of this application.

This invention relates to improvements in accessories or equipment for retail stores of all kinds, and particularly to a combined twine holder and advertising device of the general character of that shown in my co-pending application for Patent Serial No. 389,232, filed June 15th, 1920, and allowed September 18th, 1920.

The principal object of the present invention is to both simplify the construction of the device of the character set forth over that shown and described in the above mentioned application, and to embody certain features which make it more adaptable to be used as a portable object than the previous type, so that it may be moved along the store counter at will as the space available and the positions of the salesmen or clerks may demand.

A further object of the invention is to produce a simple and inexpensive device and yet one which will be exceedingly effective for the purposes for which it is designed.

These objects I accomplish by means of such structure and relative arrangement of parts as will fully appear by a perusal of the following specification and claims.

In the drawings similar characters of reference indicate corresponding parts in the several views.

Fig. 1 is a perspective elevation of my improved device.

Fig. 2 is a fragmentary cross section of the base portion.

Referring now more particularly to the characters of reference on the drawings, the numeral 1 denotes a substantial and solid base, preferably circular in outline and of pleasing appearance, from the edge of which a vertical and rigid arm or upright 2 projects.

Horizontal arms 3 and 4 extend from the top and bottom of the member 2 respectively in a plane radial with the axis of the base and somewhat beyond said axis.

Positioned between the arms 3 and 4 is an open-topped twine-cone container 5, preferably cylindrical in shape. Depending from the under side of the container and passing across the axial plane thereof is a U-shaped bracket 6 adapted to receive a bolt or pin 7 therethrough, which is also journaled in and passes through the bottom of the container, having fixed on its upper end a fork 8 adapted to project into the core of a twine-cone 9 to hold the latter in a vertical position and against rotation, there being a locknut 10 between the fork 8 and the container-bottom.

The pin 7 passes through the arm 4, and is held both in vertical alinement and against rotation by means of locknuts 11 and 12 thereon above and below the arm 4 respectively and impinging thereagainst, the bracket 6 resting on the nut 11. In this manner, the freedom of rotative movement of the container may be varied, since by adjusting the nuts 11 and 12 the pin 7 may be raised or lowered to alter the distance between the nuts 10 and 11, and so decrease or increase the frictional pressure of the container and bracket with the respective adjacent nuts.

The lower portion of the nut 11 is formed as a circular sleeve as at 13, on which is turnably mounted an arm 14 which projects beyond the periphery of the container and is then bent upwardly and provided with a cross arm 15 having horizontal holes 16 therein substantially in the horizontal plane of a sheave 17 fixed to the bottom of the container.

Another arm 18 is pivotally mounted to the arm 3 substantially in the plane of the axis of the cylinder and has ears 19 at each end provided with holes 20. The twine 21 from the cone 9 is led through the hole in the inner ear of the arm 18, thence through the outer ear, thence through one of the holes 16 in the arm 15, around the sheave 17, and through the other hole 16 to a free end adapted to be pulled by the clerk wrapping a package. Thus it will be seen that while the cone 9 remains stationary, the cylinder 5 rotates when the string is pulled, the rapidity of rotation depending on the speed with which the twine is pulled, and also on the tightness of bearing of the cylinder.

The cylinder is preferably of a shape and size to duplicate or imitate that of any standard goods-container which it may be desired to advertise, the cylinder having

thereon a facsimile label of goods it represents, so that with the rotation of the cylinder as described, the attention of a customer in the store is attracted thereto.

5 From the foregoing description it will be readily seen that I have produced such a device as substantially fulfills the objects of the invention as set forth herein.

10 While this specification sets forth in detail the present and preferred construction of the device, still in practice such deviations from such detail may be resorted to as do not form a departure from the spirit of the invention, as defined by the appended
15 claims.

Having thus described my invention, what I claim as new and useful and desire to secure by Letters Patent, is:—

20 1. A device of the character described comprising a base, an open-topped cylinder thereabove, a pin fixed in the base and projecting upwardly through the cylinder to form a turning axis therefor, twine-cone
25 holding means on the pin inside the cylinder, and means for supporting the cylinder from the base irrespective of the pin and forming an additional axial bearing for said cylinder.

30 2. A device of the character described comprising a base adapted to rest on a counter or the like, a cylinder thereabove adapted to contain a twine-cone, a fixed pin projecting up from the base and passing
35 freely through the bottom of the cylinder, and a bracket depending from the cylinder and through which the pin also freely

passes, the bracket being supported from the base.

40 3. A device of the character described comprising a base adapted to rest on a counter or the like, a cylinder thereabove, a fixed pin projecting up from the base and through the bottom of the cylinder, twine-cone holding means on the upper end of the
45 pin, a bracket depending from the cylinder and in which the pin is journaled, the cylinder and bracket being turnable on the pin, and means for regulating the frictional engagement of the fixed relative to the ro-
50 tatable members.

55 4. A device of the character described comprising a base adapted to rest on a counter or the like, a cylinder thereabove, a fixed pin projecting up from the base and through the bottom of the cylinder, and a common means for holding the cylinder in
60 raised position relative to the base and for regulating the frictional engagement of the fixed relative to the rotatable members.

65 5. A device of the character described comprising a base adapted to rest on a counter or the like, a cylinder thereabove, a fixed pin projecting up from the base and through the bottom of the cylinder, a fixed
70 nut on the pin inside the cylinder, a bracket depending from the cylinder and in which the pin is journaled, the cylinder and bracket being turnable on the pin, and an adjustment nut on the pin under the bracket, the latter resting thereon.

In testimony whereof I affix my signature.
BURDSEY W. SMITH.