M. SILVERMAN.

CONTAINER FOR FIBROUS MATERIAL.

APPLICATION FILED FEB. 14, 1919.

1,415,722. Patented May 9, 1922.

Fig. 2.

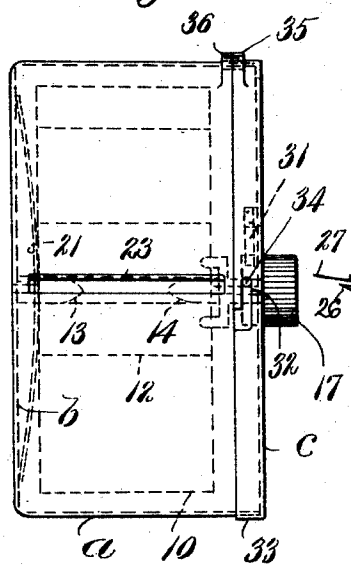


Fig. 1

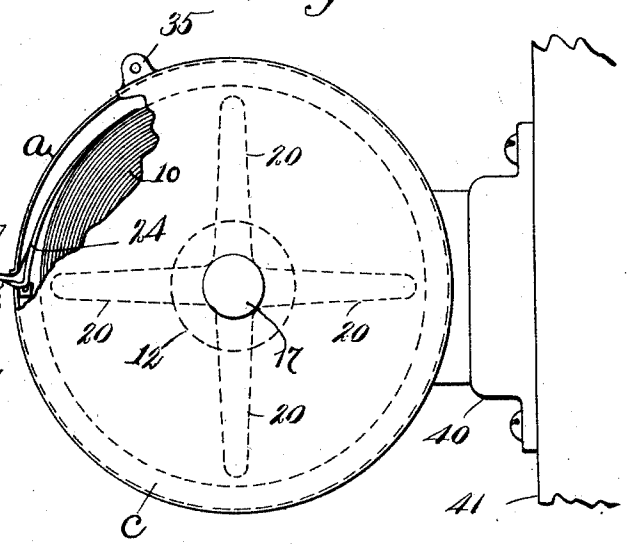


Fig. 4.

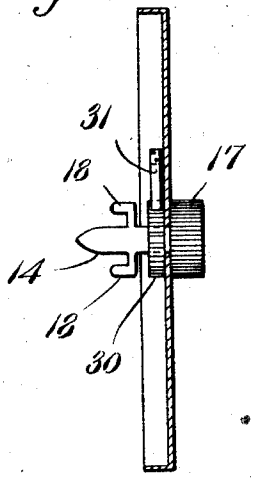


Fig. 3.

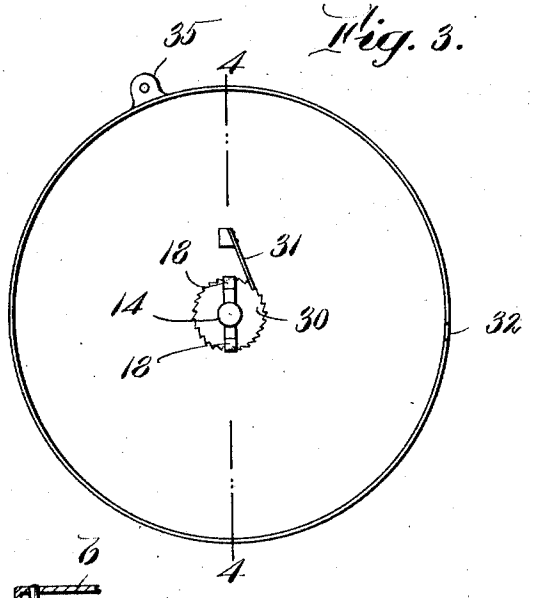
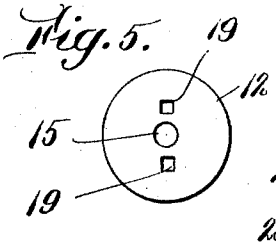


Fig. 5.



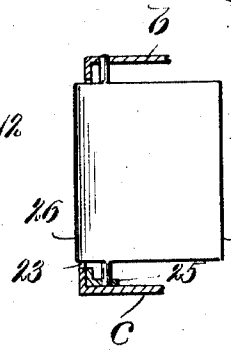


Fig. 6.

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UNITED STATES PATENT OFFICE.

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CONTAINER FOR FIBROUS MATERIAL.

1,415,722. Specification of Letters Patent. Patented May 9, 1922.

Application filed February 14, 1919. Serial No. 276,964.

To all whom it may concern:

Be it known that I, MORTIMER SILVERMAN, a citizen of the United States, residing in Boston, county of Suffolk, and State of Massachusetts, have invented an Improvement in Containers for Fibrous Materials, of which the following description, in connection with the accompanying drawings, is a specification, like characters on the drawings representing like parts.

This invention relates to a container or holder for rolls of fibrous material such as paper, cloth or the like.

The container may be used for holding rolls of paper of material width, such as toilet paper or the like, but it is particularly designed and adapted for holding relatively narrow rolls of paper, cloth or the like for use in wiping and cleaning razors and like instruments.

The invention has for its object to provide a simple, efficient, attractive and inexpensive container which is capable of being secured to the wall or other support in a room, and with which any desired length of paper may be fed out of the container and severed from the roll within the latter.

Provision is made for facilitating the delivery of the paper out of the container.

These and other features of this invention will be pointed out in the claims at the end of this specification.

Fig. 1 is a side elevation of a container embodying this invention.

Fig. 2, a front elevation of the container shown in Fig. 1 looking toward the right.

Fig. 3, an inside view of the cover removed from its casing.

Fig. 4, a section on the line 4—4, Fig. 3.

Fig. 5, an end view of the spindle or roll on which the paper or the like is wound, and

Fig. 6, a detail of the guide to be referred to.

The container herein shown as embodying this invention comprises a cylindrical metal casing *a* open at one side and closed by the head *b* at its opposite side. The open side of the casing is designed to be closed by a cover *c*, see Figs. 3 and 4.

The casing *a* is designed to contain a roll 10 of paper, cloth or other fibrous material, which is wound upon an arbor or spool 12 of wood or other suitable material, which in the present instance is mounted to revolve upon stub shafts 13, 14, extended into the opposite ends of the bore 15 of the spool. One stub shaft as 13 is attached to the head *b* and the other 14 is mounted in the cover *c*, being extended therethrough and provided with a thumb piece or handle 17 for rotating the roll. The shaft 14 is preferably provided with bent arms 18, which are designed to enter suitable sockets or recesses 19 in one end of the spool 12 so as to effect a positive engagement of the shaft 14 with the spool and enable the latter to be rotated positively when the shaft 14 is turned by means of the handle or thumb piece 17.

The spool 12 may and preferably will be maintained in engagement with the turning arms 18 by a spring, acting against the opposite end of the spool. The spring referred to may be made as shown and consists of a series of sheet metal arms 20 radiating from a center piece 21 having a hole to permit the spring to be fitted upon the stub shaft 13 between the spool 12 and the head *b* of the casing, the arms 20 being suitably shaped to bear at their ends against the head *b* and exert a pressure of the center portion 21 upon one end of the spool and thereby keep the other end of said spool in engagement with the arms 18 on the shaft 14.

The casing *a* is provided in its circumference with a transverse slot 23 for the passage of the end of the paper out of the casing, and provision is made for facilitating the delivery of the paper out of the casing. To this end the casing has located in it a curved member 24 preferably of sheet metal, which is pivotally mounted within the casing in the head *b* and in a lug or ear 25 extended from the inner circumference of the casing, see Fig. 6. The sheet metal member 24 has one end as 26 extended through the slot 23 in the casing to the outside thereof to form a knife over which the free end 27 of the paper is passed and by means of which a given length of the paper may be severed from the roll within the casing. The member 24 within the casing is made of substantial length and is extended between the main body of the roll and the outermost layer thereof, so as to separate the said outermost layer and guide it toward the slot or delivery opening in the casing, when the roll is turned by the handle 17.

Provision is made for preventing the roll from being turned in the reverse direction and for this purpose the shaft 14 has fast on it a ratchet wheel 30 with which cooper-

ates a holding panel 31 preferably made in the form of a spring metal strip which is fastened to the inside of the cover *c*, see Figs. 3 and 4.

The cover may be secured in fixed relation to the casing by a bayonet joint connection comprising a bayonet slot 32 in the lip or flange 33 of the cover *c* and a pin or stud 34 on the outside of the casing, see Fig. 2, and if desired, the cover may be locked to the casing against removal by unauthorized persons which may be effected by providing a lug or ear 35 on the cover, which cooperates with a lug or ear 36 on the casing, and each of which is provided with a hole for the passage of a padlock, not shown, when the cover is in its fixed position on the casing and the hole in the lug 35 registers with the hole in the lug 36.

From the above description, it will be seen that the container or holder for the roll of paper or other fibrous material may be produced at sufficiently small cost, to enable them to be installed in the bath rooms of hotels and like places as a part of the equipment, with the attendant advantages and convenience for the male occupants of the rooms of the hotel, for supplying paper for wiping the blades of razors, when shaving, and while the container or holder is especially designed for this purpose, it is not desired to limit the invention in this respect, as it can be made of any desired size to hold a roll of paper or the like of any desired width.

In Fig. 1 the casing *a* is shown as provided with a base 40 for attaching the casing to a wall or other support 41, but it is not desired to limit the invention in this respect.

Claims:

1. A device of the character described, comprising a casing normally open at one side for the insertion therein of a roll of fibrous material and provided with a slot in its circumference through which the outer layer is extended, a cover to close said open side, a rotatable device within said casing upon which said roll is mounted to turn therewith, a guide for the fibrous material located in said casing and co-operating with said slot to guide the outer layer of the paper thereto, a knife attached to said guide and extended from within the casing through said slot, and means co-operating with said rotatable device for rotating said roll from outside of said casing.

2. A device of the character described, comprising a casing for containing a roll of fibrous material and having a slot in its circumference through which the outer layer of said roll is extended, a guide for the fibrous material located in said casing and pivoted thereto and having its inner end interposed between the main body of the roll and the outer layer thereof and co-operating with said slot to direct the outer layer thereto, and a knife attached to said pivoted guide and co-operating with said slot.

3. A device of the character described comprising a casing normally open at one side and provided with a slot in its circumference, a cover to close said open side, a spool having a roll of fibrous material thereon rotatably mounted within said casing to feed the paper to said slot, means carried by said cover for engaging said spool to rotate it and said roll, and a spring to keep the said spool in engagement with said means.

4. A device of the character described comprising a casing normally open at one side for the insertion therein of a roll of fibrous material and provided with a slot in its circumference through which the outer layer of said roll is extended, a cover to close said open side, and a guide for said outer layer pivoted within said casing and having a knife attached thereto and extended into said slot from within the casing.

In testimony whereof, I have signed my name to this specification.

MORTIMER SILVERMAN.