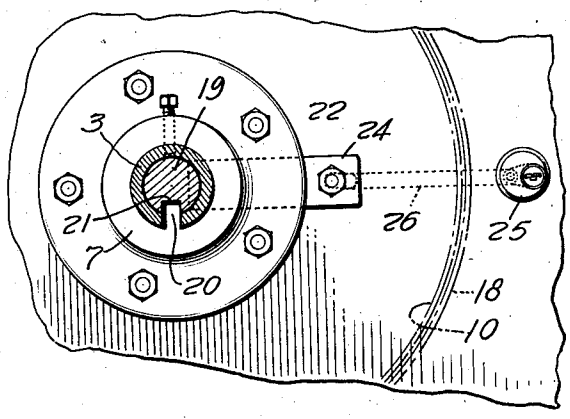
March 23, 1926. 1,577,962

F. D. GATCHELL

LOCKER AND DISPLAY RACK FOR OIL IN SEALED CONTAINERS

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Fig. 5.



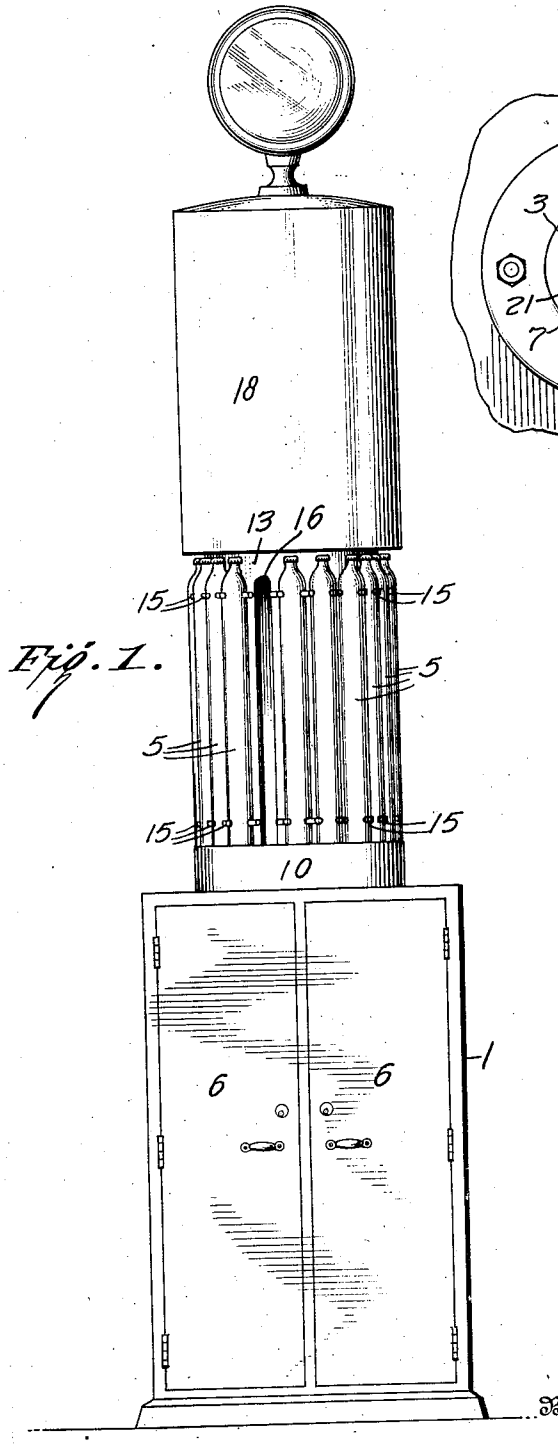


Fig. 1.

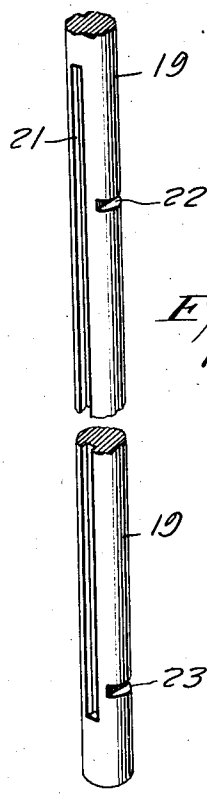


Fig. 6.

Inventor

F. D. GATCHELL,

By Jas. A. Richmond

Attorney

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F. D. GATCHELL

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Fig. 2.

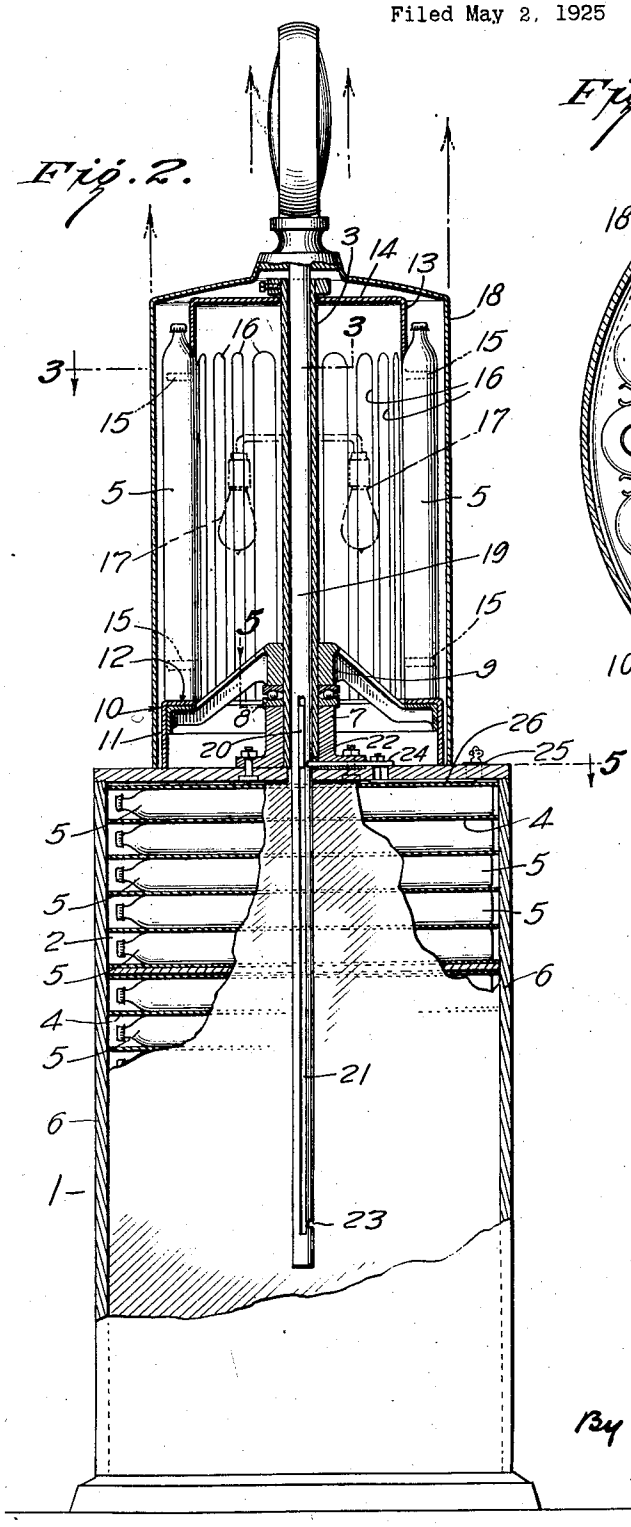
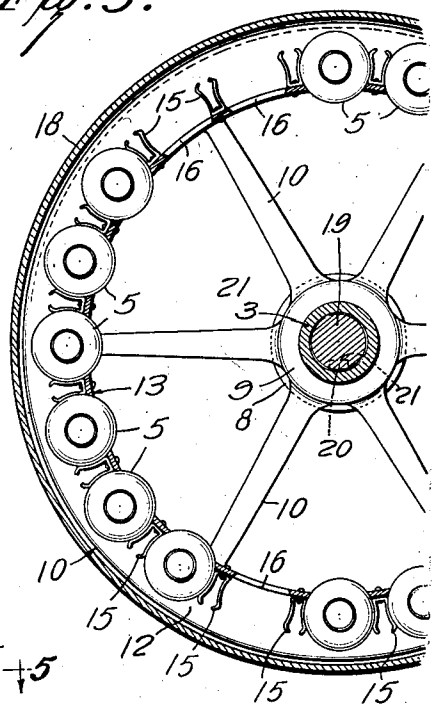


Fig. 3.



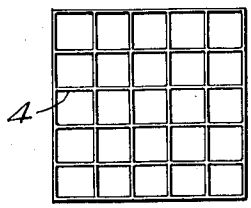


Fig. 4.

Inventor

F. D. GATCHELL,

By Jack A. Richmond

Attorney

Patented Mar. 23, 1926. 1,577,962

UNITED STATES PATENT OFFICE.

FREDERICK D. GATCHELL, OF NEW YORK, N. Y.

LOCKER AND DISPLAY RACK FOR OIL IN SEALED CONTAINERS.

Application filed May 2, 1925. Serial No. 27,568.

To all whom it may concern:

Be it known that I, FREDERICK D. GATCHELL, a citizen of the United States, residing at New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Lockers and Display Racks for Oil in Sealed Containers, of which the following is a specification.

This invention is directed to an improved stand, designed more particularly for the display, storage, and distribution of lubricating oils in the original packages.

Automobile lubrication is so essential to the life of the car, and the constant use of a particular oil for the lubrication of the engine has proven so vitally important, that oil manufacturers have provided sealed containers for their products to insure that the user will receive exactly what he desires. The distribution of oil in bulk as at the usual oil station is undesirable, as dilution, substitution of inferior grades, and contamination, are not only directly practiced, but usually beyond the correction of the customer.

The present invention is directed to providing a means whereby the oil in the original sealed containers may be delivered to the customer, with such oil open to the inspection of the customer without breaking the original package.

In structure, the invention comprises a stand formed at the lower end to receive a readily renewable supply of oil in original sealed transparent containers, the upper portion of the stand forming a revoluble display rack in which a series of such original containers are arranged in an annular row to permit ready inspection of the oil and selection of the desired container or containers by the customer. A cover may be moved to a position to enclose or expose the contents of the display rack, thus adapting the stand as a whole for the use of the usual oil or service station.

The invention is illustrated in the accompanying drawings, in which:—

Fig. 1 is a view in elevation of the stand constructed in accordance with this invention.

Fig. 2 is a vertical sectional view of the same.

Fig. 3 is an enlarged broken section on the line 3—3 of Fig. 2.

Fig. 4 is a plan view of one of the carriers.

Fig. 5 is a section on line 5—5 of Fig. 2.

Fig. 6 is a perspective view of the center rod.

The stand is made up of a base portion 1, constructed to provide any desired number of wholly separate compartments 2, grouped about a hollow center post 3. The compartments are arranged to receive individual cellular carriers 4, of a size to receive and hold an appropriate number of oil containers 5. These containers are preferably in the form of transparent bottles, sealed by a readily removable cap, and are designed to be filled with a desired grade of oil and sealed at the factory, thereby providing original containers. In capacity these containers may meet the demand, though usually one-quart capacity will meet most demands. The carriers are formed at one side with sections 6, serving when the carriers are in the compartments as doors, to be secured by suitable locks, whereby the compartments may be readily closed against unauthorized persons.

The hollow post 3 rises above the base of the stand, and is provided above the top of the base with a reinforcing sleeve 7, the upper edge of which, through an intermediate ball-bearing 8, supports the hub 9 of the display rack. The display rack 10 comprises a lower cylindrical member supported from a spoke-connected rim of the hub, this member 11 overlying the top of the base. The rim 12 at the upper edge of the member 11 provides a support for the lower ends of the containers 5, and the display rack includes a second cylindrical wall 13 rising from the inner edge of the rim and extending upwardly in excess of the length of the containers, and connected by a top wall 14 to a bearing on the hollow post 3. The wall 13 is provided near its upper and lower ends with spring clips 15 to removably receive the containers, and the wall is, directly in rear of each container formed with an elongated slot or opening 16, for a purpose to be later referred to.

The display rack is thus rotatably mounted on the post 3, and is formed with means to removably receive and support a series of original package sealed containers in an annular row. Thus the customer may turn the display rack and inspect the oils in their original containers, and select and remove the particular container or containers desired, and as preferred, the interior of the upper section of the display rack may be

artificially lighted, as indicated at 17, Fig. 2, to thereby better enable the customer to inspect the oils, the light being directed through the slots 16 and through the oil in the transparent containers.

A cover section 18 is arranged to enclose the display rack when desired, this cover section comprising a dome-like member, connected to the upper end of a center rod 19, slidably operating in the center post 3, and held against turning therein, as by a lug 20 in the post 3 engaging a slot 21 in the rod, though other mechanical means to this end may be readily substituted. The diameter of the cover is such as to snugly fit over the cylindrical portion or skirt 11 of the display rack when lowered, and the rod 19 is formed at the proper points with upper and lower transverse kerfs 22 and 23, to receive a locking plate 24, slidably mounted on the top of the base, and operated through a handle portion 25 movable on the base beyond the skirt 11, and connected to the plate 24 by an arm 26 arranged on the lower side of the top of the base. The kerfs are arranged to hold the cover in elevated or in lowered position, a suitable lock being provided to hold the plate 24 is desired position at will. Thus the display rack with its goods may be exposed, or closed as desired.

In ordinary use, the various compartments may be designed for different oils of the same grade or different grades, and the wholesale supply men will have keys to the compartments for the reception of their oils. The compartments can thus be refilled when necessary with the original containers of the particular oils, and the station keeper will replenish the display rack from these compartments. The customer may thus carefully inspect the oils in their original containers, and select that desired, with the assurance that he is receiving the oil as manufactured, without change, dilution, or contamination. With the change or oils usually required with the change of seasons, the customer can be assured of receiving the desired grade. Of course, the stand as a whole may be readily adapted for other commodities, and such uses are contemplated.

Having thus described the invention, what is claimed as new, is:—

1. A display stand having a base formed to provide a series of compartments, a hollow post rising from the base, a display rack rotatably supported on the hollow post above the base, clips arranged in vertical pairs on the display rack, a cover section, and a rod depending from the cover section and movable in the hollow post.

2. A display stand comprising a base formed to provide a series of compartments, cellular carriers fitting in and closing said compartments, a hollow post rising through and above the base, a display rack movably mounted on said hollow post and including a cylindrical wall, retaining clips arranged in vertical pairs on said wall, a cover section for the display rack, and a rod depending from the cover section and operating in the hollow post.

3. A display stand comprising a compartment forming base, a hollow post rising therefrom, a display rack revolubly mounted on said post above the base, a cover section for the display rack, a rod depending from such section and slidable in the hollow post, and means for securing the cover section in a position to cover or in a position to expose the display rack at will.

4. A display stand comprising a compartment forming base, a hollow post rising therefrom, a display rack revolubly mounted on the hollow post above the base, means on the display rack to support an annular row of containers, a cover for the display rack, a rod depending from the cover and sliding in the hollow post, a locking plate movable on the base, and kerfs formed in the rod to cooperate with the locking plate to thereby hold the cover in a position to enclose or in a position to expose the containers on the display rack.

In testimony whereof I affix my signature.

FREDERICK D. GATCHELL.