R. B. COLTER.

BOTTLE RACK.

APPLICATION FILED APR. 13, 1908.

899,384. Patented Sept. 22, 1908.

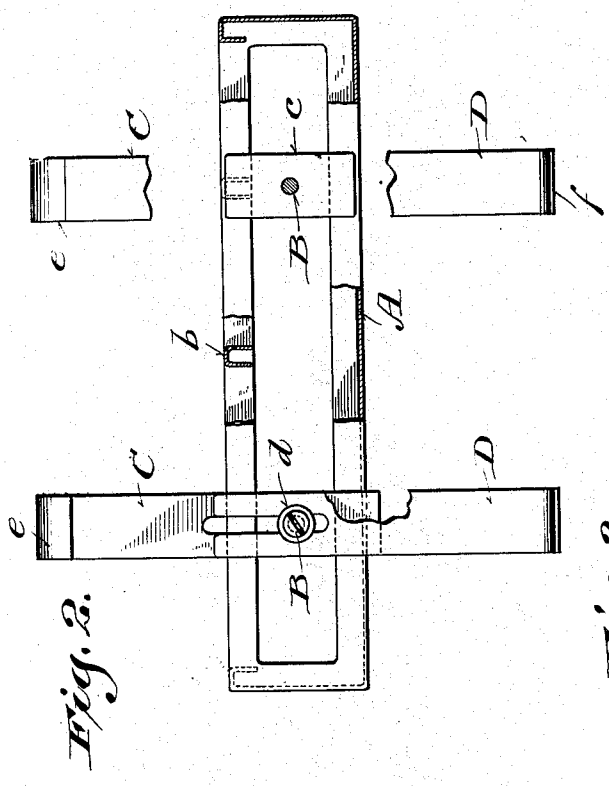


Fig. 2.

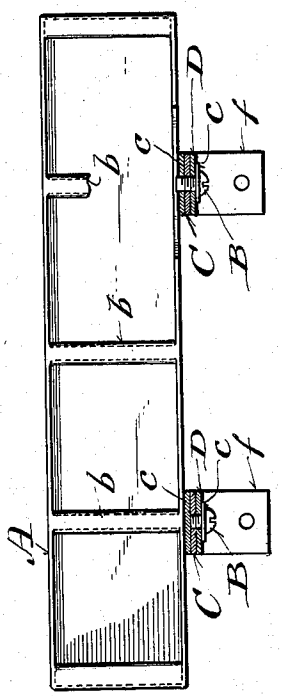


Fig. 3.

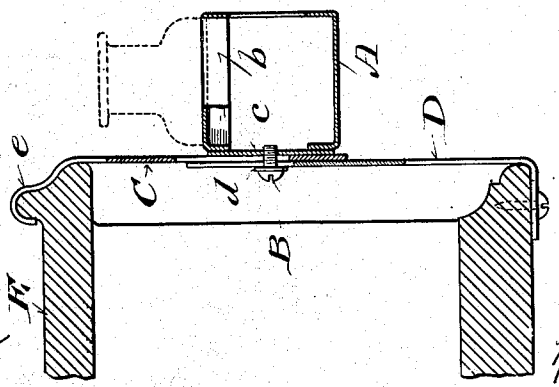


Fig. 1.

Witnesses:
George Telber
Ralph Nelson.

Inventor:
Roy B. Colter.
By Highland & Young
Attorneys.

UNITED STATES PATENT OFFICE.

ROY B. COLTER, OF MARINETTE, WISCONSIN.

BOTTLE-RACK.

No. 899,384. Specification of Letters Patent. Patented Sept. 22, 1908.

Application filed April 13, 1908. Serial No. 426,660.

To all whom it may concern:

Be it known that I, ROY B. COLTER, a citizen of the United States, and resident of Marinette, in the county of Marinette and State of Wisconsin, have invented certain new and useful Improvements in Bottle-Racks; and I do hereby declare that the following is a full, clear, and exact description thereof.

My invention consists in what is herein particularly set forth with reference to the accompanying drawings and pointed out in the claims, its object being to provide simple, economical bottle-racks especially designed for attachment to dental-brackets.

Figure 1 represents a sectional view of a fragment of a dental-bracket equipped with a bottle-rack in accordance with my invention; Fig. 2, a rear elevation of the bracket partly broken away, and Fig. 3, a plan view of said bracket having parts thereof broken away and in horizontal section.

Referring by letter to the drawings, A indicates a preferably sheet-metal rectangular tray of suitable depth and of greater length than width, the same being also preferably slotted at the back and front for nearly its entire length. The tray is suitably divided into compartments, the preferred means herein shown being inverted channel-strips *b* of sheet-metal fastened at their ends, by any suitable means, to the upper portions of the front and back of said tray at regular intervals apart between the preferably inwardly flanged tray-ends, the area of the compartments being scaled for bottles of a standard size.

The tray herein shown is provided with a pair of back-plates *c* each of which constitutes a bearing for a set-screw B engaging a washer *d*, a slotted hanger C and a slotted or forked standard D, said hanger and standard being lapped one upon the other at their inner ends. The outer end *e* of each hanger is shaped to conform to the molding-edge of a dental-bracket E, and the outer end *f* of each standard is bent at a right-angle to the remainder thereof to extend under the bracket, this right-angle or foot end of said brace being apertured for the passage of a screw *g* that is run into the bottom of said bracket.

In practice, the hangers and standards are adjusted with respect to the depth of a dental-bracket to which the rack is to be attached, and the set-screws run in to maintain the adjustments, after which the hangers are caught on the upper molding edge of the bracket and the lower right-angle ends or feet of the standards pushed in under said bracket to which they are secured by screws to hold said rack in place.

The slotting of the front of the tray portion of the rack permits a disclosure of labels on bottles set in compartments of said tray, and in case the adjacent side of the dental-bracket is mirrored, the slotting of the back and front permits of light being reflected through the bottles and such contents of same as are translucent in order to facilitate the selection of said bottles by a dentist.

Because of its adjustable hangers and standards, the rack is readily attachable to any dental-bracket, and its use will be found of great convenience to a dentist, as thereby more room is had upon the bracket for instruments and materials, while at the same time the liability of tipping over bottles is avoided. However it is within the scope of my invention to have the hangers and standards non-adjustable in connection with a compartment tray, the rack as a whole being then standard to a dental-bracket of predetermined depth. It is also within the scope of my invention to provide for adjustment of the hangers or of the standards only.

I claim:

1. A dental-bracket bottle-rack comprising a compartment tray provided with rear hangers and standards, the hangers being for engagement with the upper molding-edge of the bracket, feet extending at right-angles to the standards, and fastening devices that extend through apertures in said feet into the underside of said bracket.

2. A dental-bracket bottle-rack comprising a compartment tray provided with rear set-screws, hangers and standards adjustable on the screws, the hangers being for engagement of the upper molding-edge of the bracket; and means for connecting the standards to the lower portion of said brackets.

3. A dental-bracket bottle-rack comprising a compartment-tray provided with rear set-screws, hangers and standards adjustable on the screws, the hangers being for engage-

ment with the upper molding-edge of the bracket, feet extending at right-angles to the standard, and fastening devices that extend through apertures in said feet into the under-side of said bracket.

In testimony that I claim the foregoing I have hereunto set my hand at Marinette in the county of Marinette and State of Wisconsin in the presence of two witnesses.

ROY B. COLTER.

Witnesses:
W. S. HERMON,
O. P. ISTHELDER.