No. 896,798. PATENTED AUG. 25, 1908.

J. H. BROWN.

RACK.

APPLICATION FILED APR. 14, 1908.

Fig. 1.

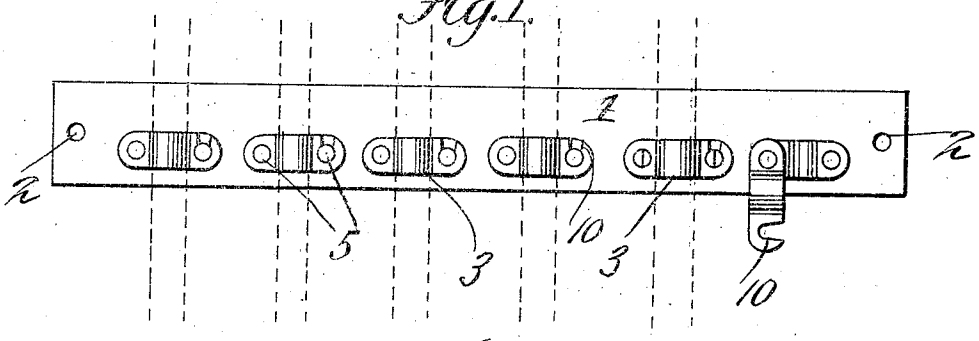


Fig. 2.

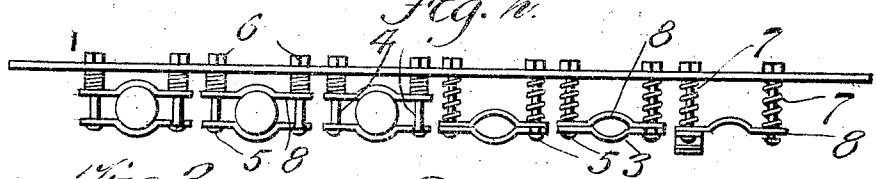
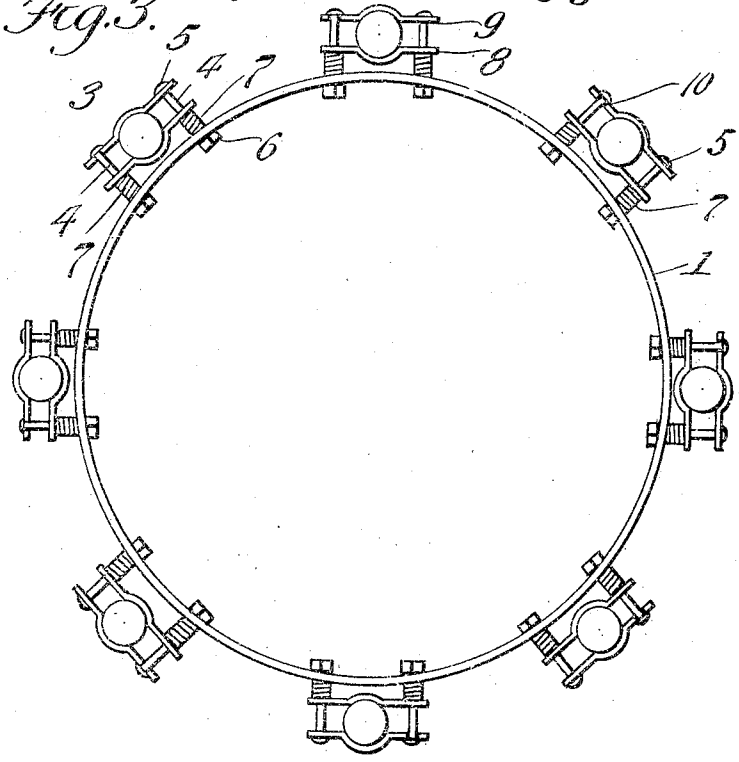


Fig. 3.



Witnesses

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UNITED STATES PATENT OFFICE.

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RACK.

No. 896,798. Specification of Letters Patent. Patented Aug. 25, 1908.

Application filed April 14, 1908. Serial No. 427,023.

To all whom it may concern:

Be it known that I, JAMES H. BROWN, a citizen of the United States, residing at New York, in the county of New York and State of New York, have invented new and useful Improvements in Racks, of which the following is a specification.

This invention relates to racks, and the object of the invention is to provide a device of this character comprising primarily a pair of spaced adjustable arms provided with heads and having helical springs and a pair of plates slidably mounted upon the arms between the springs and the heads of the arms, one of the plates being provided with an engaging lip whereby it may be readily swung from engagement with the head of the arm which it engages and the article positioned between the arms readily removed therefrom.

With these and other objects in view the invention resides in the novel construction of racks, hereinafter fully described and claimed.

In the accompanying drawings, Figure 1 is a front elevation of a series of racks constructed in accordance with the present invention and illustrating the same attached to a plate adapted to be positioned upon a wall or other suitable support. Fig. 2 is a top plan view of the same. Fig. 3 is a top plan view of a cylinder or casing provided with a series of the improved racks.

In the accompanying drawings the numeral 1 designates a plate or casing adapted for the reception of a plurality of racks constructed in accordance with the present invention. When the devices are applied to the plate, as illustrated in Figs. 1 and 2 of the drawings, the plate may be provided with a plurality of openings 2 adapted for the reception of screws or other retaining devices by which the plate is supported, but it will be apparent that should the devices be positioned upon a casing, as illustrated in Fig. 3 of the drawings, the casing will prove an effective support for the racks.

The racks 3 comprise each a pair of spaced arms 4. These arms 4 are provided with heads 5 and have their opposite ends preferably threaded and adapted for the reception of suitable nuts 6 by which they are secured upon the plate or casing. The heads 5 may be provided with a suitable slit or opening by which they may be rotated upon the element 6 to adjust the arms in relation to their support.

Each of the arms 4 is provided with a helical spring 7, and a pair of plates 8 and 9 slidably mounted upon the arms between the springs 7 and the heads 5 of the arms 4. The outer plate 9 is provided with a suitable lip or cut away portion 10, by which it may be readily swung from engagement with the head 5 of the arm 4 which it connects, so as to allow this plate to be swung from the opposite arm and the device adapted to be secured between the arms easily and quickly removed from the rack.

The arms 8 and 9 are each provided with a centrally arranged depression or arcuate surface upon their meeting faces, the object being to provide a retaining pocket upon the plates for the article which they are adapted to engage.

From the foregoing description, taken in connection with the accompanying drawings, it will be seen that a device constructed in accordance with the present invention is extremely simple in construction, cheap in manufacture and thoroughly efficient in carrying out the purpose for which it is desired.

Having thus fully described the invention what is claimed as new is:

1. In a rack, the combination with spaced headed arms, helical springs upon the arms, and a pair of plates slidably mounted upon the arms between the springs and the heads of the arms.

2. In a rack, the combination with spaced headed arms, helical springs upon the arms, and a pair of plates having depressions upon their meeting faces mounted upon the arms between the springs and the heads of the arms.

3. In a rack, the combination of a plate provided with spaced openings, threaded members having heads engaging the openings, adjustable retaining elements engaging the threaded members, helical springs upon the members, and a pair of plates slidably mounted upon the members between the springs and the heads of the members.

4. In a rack, the combination with spaced

headed arms, resilient members upon the arms, a pair of plates slidably mounted upon the arms between the resilient members and the heads of the arms, the outer member of said plates being provided with a cut away portion adapted to engage one of the headed arms.

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

JAMES H. BROWN.

Witnesses:
OLLIFFE MANGAM,
J. C. WALL.