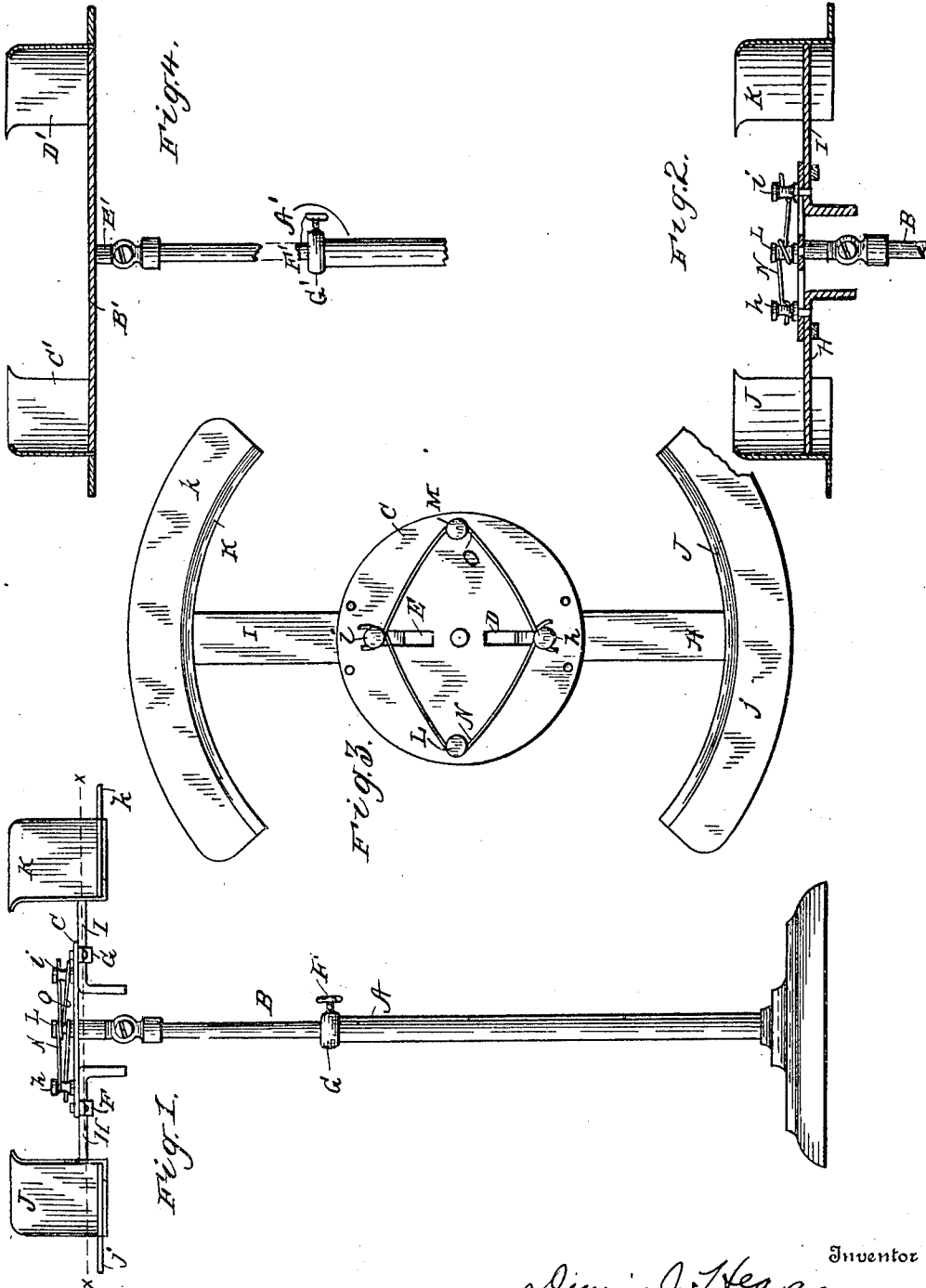


D. J. HEAGANY.
HAT DISPLAY STAND.

APPLICATION FILED JAN. 21, 1909. RENEWED SEPT. 9, 1909.

954,391.

Patented Apr. 5, 1910.



Witnesses

B. G. Gibbs.
L. E. Dorkley.

Inventor
Dennis J. Heagany,
By *James Appleman*
Attorney

UNITED STATES PATENT OFFICE.

DENNIS J. HEAGANY, OF CHICAGO, ILLINOIS.

HAT-DISPLAY STAND.

954,391.

Specification of Letters Patent.

Patented Apr. 5, 1910.

Application filed January 21, 1909, Serial No. 473,547. Renewed September 9, 1909. Serial No. 516,914.

To all whom it may concern:

Be it known that I, DENNIS J. HEAGANY, a citizen of the United States of America, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Hat-Display Stands, of which the following is a specification.

This invention relates to display stands and particularly to a hat holding device having means for engaging the interior surface of a hat.

An object of the invention is to produce a hat display stand having means designed to frictionally engage a hat for the purpose of holding it, the said hat engaging means being expansible in order that it may prove effective in connection with hats of different sizes.

A further object of this invention is to produce a hat display stand in which hat engaging members are in operative relation to each other and provided with means for causing them to frictionally engage and retain a hat.

Furthermore, an object of the invention is to provide hat engaging members having bars slidably mounted in a frame, and springs for normally projecting the bars, means being also provided for limiting the movement of said bars.

With the foregoing and other objects in view, the invention consists in the details of construction of parts, to be hereinafter more fully set forth and claimed, where a hat display stand of the character noted may be produced, possessing advantages in points of efficiency and durability and proving at the same time comparatively inexpensive to manufacture.

In describing the invention in detail, reference will be had to the accompanying drawings forming part of this specification wherein like characters denote corresponding parts in the several views, in which—

Figure 1 illustrates, by a view in perspective, a hat display rack embodying the invention. Fig. 2, is a vertical sectional view in the line *x—x* of Fig. 1, the stand being omitted. Fig. 3 is a plan view of the rack shown in Fig. 1. Fig. 4, illustrates by a view in perspective, a hat stand embodying a slightly modified construction.

In these drawings A, indicates a standard having an arm B, adjustably connected thereto and said arm has on its upper end

a frame C. The frame C, has in its upper wall the two alined slots D, E, and the lower surface of the frame has the loops F and G, forming guides for the radial bars H and I, which bars have studs *h* and *i* respectively, slidable in the slots D and E respectively of the frame. The outer ends of the radial bars have curved arms J and K, that are approximately L-shaped in construction, the projecting shelf *j* and *k* of the arms being designed to engage the under surface of the frames of hats near their inner edges.

The frame is provided with studs L and M in a line at right angles to the length of the slots and said studs L and M have the central portions of the springs N and O looped around them, the portion of the said springs near their ends being in engagement with the studs in the radial arms, and the said springs operating to force the studs longitudinally of the slots in the frame for the purpose of holding the arms projected.

In operation a hat may be applied to the curved arms and said arms are forced to approach each other until the said arms fit inside of a hat. The springs N and O which, as stated, operate to project the radial arms are of sufficient tension to cause the arms to frictionally engage the interior surface of a hat to an extent to prevent accidental dislodgment of the hat, and the tension of the springs will be equal whether the holder is employed with a large or small hat. This result occurs from the fact that the said springs are in camming engagement with the studs of the arms as shown.

In the modification shown in Fig. 4, the hollow standard A' is the same as that disclosed in connection with the showing in Fig. 1, but in this embodiment of the invention, the sliding radial bars are dispensed with and as a substitute therefor I employ a cross bar B' having on its ends the curved arms C' and D' which serve the same function and purpose as the arms J and K heretofore referred to. Instead however, of this modification being designed as an adjustable holding device it is my purpose to make the stands with cross bars of different lengths in order to accommodate hats of different sizes. I may, however, make the bars of uniform length but that is an immaterial detail which does not enter into the inventive act, it being understood

that the proportions and details may be variously modified to suit particular requirements. The cross bar B' is supported in operative relation to the standard through
 5 the medium of a shank E' which is connected to the cross bar in any desired manner and is slidable in the standard A'. The clamping thumb screw F' is threaded in an
 10 aperture of a collar G' and is designed to frictionally engage the shank for the purpose of holding it in position in the said standard.

I claim:

1. In a hat display stand, a standard, a
 15 frame supported by the standard, said frame having slots and guides, bars slidable in the guides, studs on the bars projecting through the slots and above the surface of the frame, studs on the frame, springs having their
 20 central portions anchored to the studs on the frame, the ends of said springs diverging toward the studs on the bars, each of said springs having its two ends engaging the studs, and arms approximately L-shaped
 25 in cross section on the outer ends of the bars.

2. In a hat display stand, a standard, a frame thereon having slots and guides, bars slidable in the guides, studs on the bars projecting through the slots, arms on the ends

of the bars and means for engaging the studs 30 for projecting the bars.

3. In a hat display stand, a standard, a frame supported thereby, said frame having slots and guides, bars slidable in the guides, studs on the bars, studs on the frame in line 35 and at right angles to the length of the slots, springs having their intermediate portions anchored to the studs and having their ends extending inwardly and at an angle with relation to each other, the ends of each 40 spring being curved to engage and partially embrace the studs on the arms, and a curved arm on the end of each bar.

4. In a hat display stand, a standard, a frame thereon having slots and guides, bars 45 slidable in the guides, studs on the bars, studs on the frame, springs anchored to the studs on the frame, and having their ends bearing against the studs on the bars for normally projecting the bars, and arms on 50 the ends of the bars.

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

DENNIS J. HEAGANY.

Witnesses:

W. M. HEAGANY,
 HENRY E. NAEGELY.