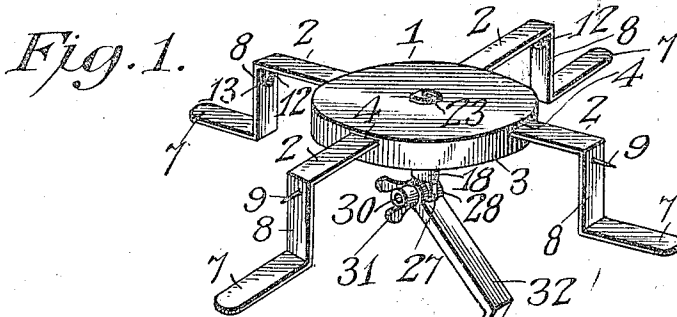
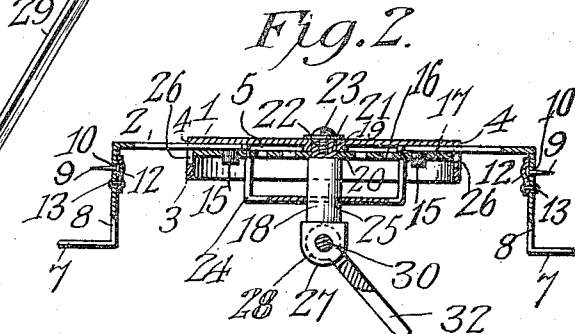
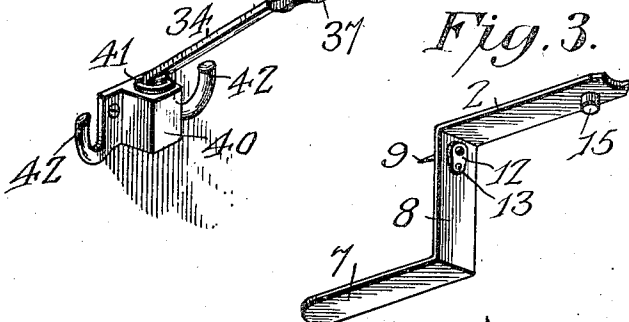
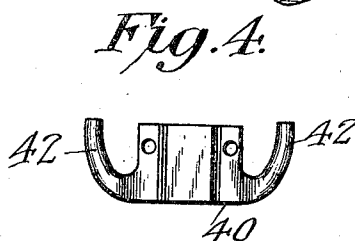
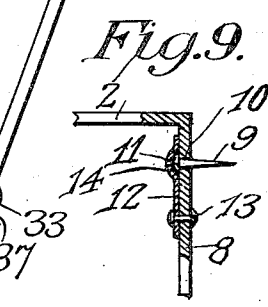


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HAT HOLDER.
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1,124,714.

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2 SHEETS—SHEET 1.



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2 SHEETS-SHEET 2.

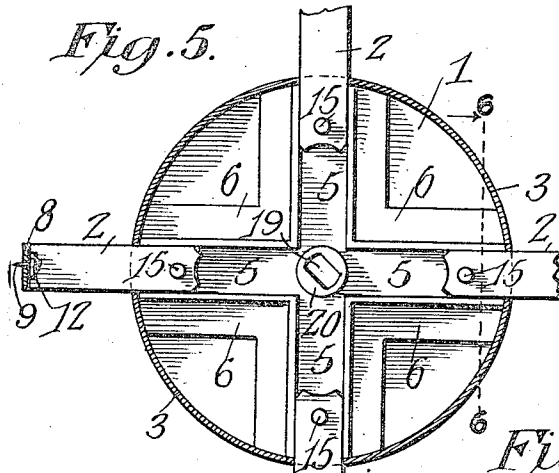
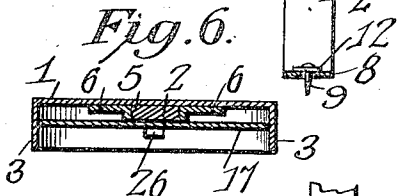
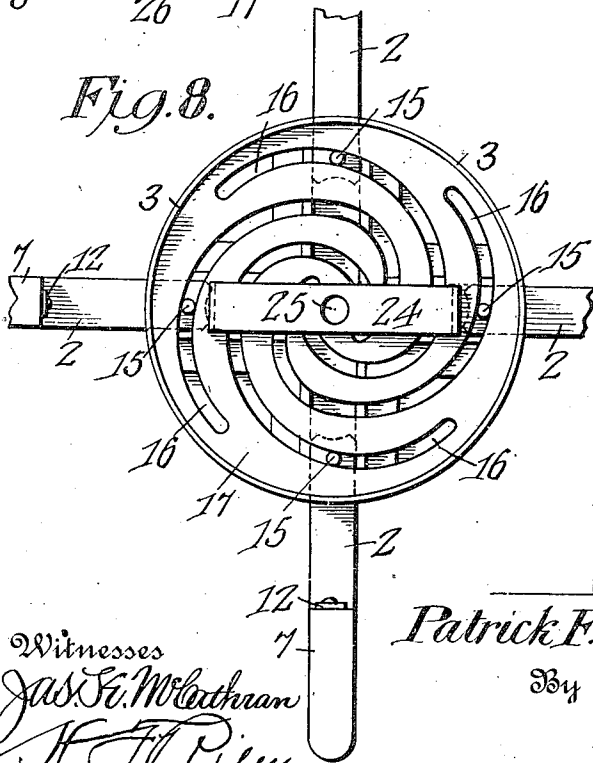
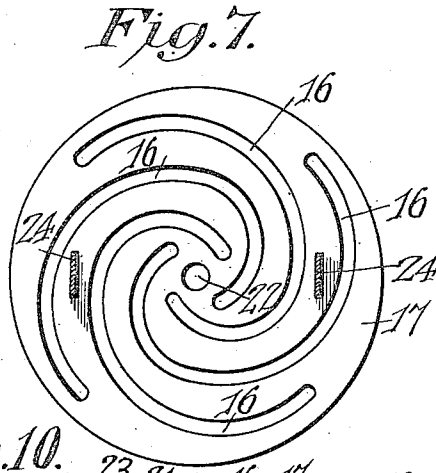
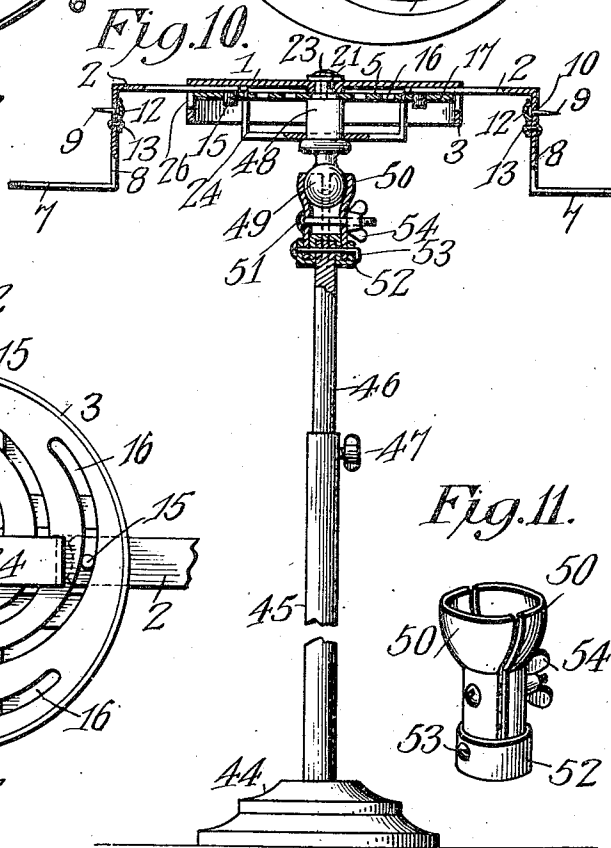
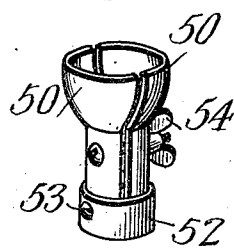


Fig. 11.



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HAT-HOLDER.

1,124,714.

Specification of Letters Patent.

Patented Jan. 12, 1915.

Application filed December 8, 1909. Serial No. 532,067.

To all whom it may concern:

Be it known that I, PATRICK F. DENNING, a citizen of the United States, residing at Cleveland, in the county of Cuyahoga and State of Ohio, have invented a new and useful Hat-Holder, of which the following is a specification.

The invention relates to improvements in devices for holding and displaying hats and other articles.

The object of the present invention is to improve the construction of devices for holding ladies' hats, and to provide a simple, inexpensive and efficient hat holder, designed for use in railway coaches, state rooms, and other places for conveniently and safely holding a lady's hat, and capable of being raised and lowered to enable a hat to be readily placed on and removed from it, and adapted also to be adjusted for supporting a hat in an inclined position in close proximity to the supporting wall, when the hat is too large to be supported in a horizontal position by the device.

Another object of the invention is to provide a hat holder of this character adapted also for use in connection with ordinary display stands, whereby millinery may be artistically arranged and displayed to the greatest advantage.

A further object of the invention is to provide a hat holder adapted to be adjusted to fit hats of different sizes, and capable of securely holding a hat and of effectually preventing the same from accidentally falling off of the device when the latter is either up or down.

With these and other objects in view, the invention consists in the construction and novel combination of parts hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claims hereto appended: it being understood that various changes in the form, proportion, size and minor details of construction, within the scope of the claims, may be resorted to without departing from the spirit or sacrificing any of the advantages of the invention.

In the drawings:—Figure 1 is a perspective view of a hat holder, constructed in accordance with this invention and arranged for use in a railway coach, state room, or the like. Fig. 2 is a vertical longitudinal sectional view of the same. Fig. 3 is a detail perspective view of one of the hat

supporting arms. Fig. 4 is a detail view of the attaching bracket. Fig. 5 is a horizontal sectional view of the head, illustrating the arrangement of the hat supporting arms. Fig. 6 is a detail sectional view, taken substantially on the line 6—6 of Fig. 5. Fig. 7 is a plan view of the rotary cam plate. Fig. 8 is a reverse plan view of the head. Fig. 9 is an enlarged detail sectional view, illustrating the construction of the removable pin and the means for detachably securing the same to the supporting arms. Fig. 10 is a vertical sectional view, showing the head applied to a display stand. Fig. 11 is a detail perspective view of the socket, which is secured to the display stand.

Like numerals of reference designate corresponding parts in all the figures of the drawings.

In the embodiment of the invention illustrated in Figs. 1 to 9 inclusive, the hat holder is designed for use in a railway coach, state room, or other place, where it is desired to hold a lady's hat safely and conveniently, and it comprises a head 1 carrying radially adjustable hat supporting arms 2, movable inwardly and outwardly to vary the size of the support to adapt it to hats of different sizes. The head 1, which is designed to be constructed of metal, or other suitable material, forms an open bottom circular casing and consists of a cap plate, provided at its periphery with a depending annular flange 3. The supporting arms extend through slots 4 of the annular flange 3, and they move inwardly and outwardly in radial guide-ways 5, preferably formed by L-shaped pieces 6 of flanged metal, secured to the inner or lower face of the cap plate and arranged within the depending annular flange 3. The adjacent sides of the opposite L-shaped pieces are arranged in parallelism and the guide-ways are four in number, as clearly shown in Fig. 5, but the number of the radially adjustable supporting arms may be varied, as will be readily understood.

The outer portions of the hat supporting arms are angularly bent to form terminal horizontal portions 7 and vertical portions 8, connecting the outer horizontal portions of the arms with the inner horizontal portions of the same. The head is adapted to extend within a hat, and the arms are movable inwardly and outwardly to adjust them

to fit hats of different sizes. One or more of the upright intermediate portions 8 of the arms 2 may be equipped with pins 9, or other engaging members, adapted to pierce the interior of the hat, whereby the same is
5 securely retained in position on the head and is effectually prevented from falling off the same when the hat is in any position.

The pin 9, which is preferably removable to enable it to be detached, when it is not
10 desired to use the same or when it is necessary to replace it should it become broken or otherwise injured, extends through a perforation 10 of the said upright portion 8, and it is provided at the inner end with a
15 head 11, engaging the inner face of the intermediate upright portion of the supporting arm. The head of the pin is engaged and detachably held in a perforation of the
20 arm by a movable plate or member 12, secured by a suitable pivot 13 to the inner or rear face of the arm, and adapted to be moved into and out of engagement with the head of the pin 9. The plate 12 is provided
25 with a concavity 14, which fits the head and the resiliency of the plate maintains it in engagement with the pin and enables it to be readily sprung into and out of engagement with the same.

The inner portions of the hat supporting and engaging arms are provided with studs 15, projecting from the lower faces of the arms and extending into uniformly curved cam slots 16 of a rotary plate or member 17,
30 arranged within the circular head 1 and centrally pivoted to the same by a stem 18.

The circular head is provided with a central polygonal opening 19, and it has a boss 20 at the inner face of the same.

The stem 18 has a reduced outer end 21, flattened at opposite sides to fit the polygonal opening 19 and presenting opposite arcuate faces to the rotary plate or member 17, which is provided with a central opening 22.
45 The reduced end 21 of the stem, which conforms to the configuration of the opening 19 of the head, is interlocked with the latter and it forms a journal on which the plate or member 17 is adapted to turn. The reduced
50 end of the stem is secured to the circular head by means of a screw 23, extending through the head from the exterior thereof and provided with an enlarged head of greater diameter than the opening 19, so as
55 to extend beyond the same and engage the circular head 1.

The rotary plate or member 17, which is pivoted by the reduced portion of the stem, fits snugly within the annular flange and is
60 equipped with a handle or operating member 24 by means of which it is rotated for moving the supporting arms inwardly and outwardly. The handle or operating member 24 is approximately U-shaped, being
65 composed of opposite sides and the trans-

verse connecting portion, which is provided with a central opening 25, through which the stem passes. When the plate or member 17 is rotated, the edges of the cam slots engage the studs of the supporting arms and
70 actuate the latter, moving the same longitudinally in the guide-ways of the circular head.

The annular flange is provided at the slots 4 with recesses 26, extending down-
75 wardly from the slots to provide passageways for the studs to enable the supporting arms to be placed in and removed from the circular head.

The central pivot stem of the hat receiving head has its inner end 27 reduced and pivoted in a bifurcation 28 of a bracket arm 29 by a bolt 30, equipped with a thumb nut 31 by means of which the head is adjust-
80 ably clamped in different positions with relation to the bracket arm 29. The bracket arm 29 is angular, being provided with a short outer portion 32, arranged at an ob-
85 tuse angle to the inner body portion, which is pivoted by a bolt 33 to an inner bracket arm 34. The inner end 35 of the outer bracket arm 29 is reduced and fits within a bifurcation 36 of the outer end of the inner bracket arm 34, which is provided at the
90 bottom of the joint with an enlargement forming a stop shoulder 37 for limiting the downward swing of the outer bracket arm. The stop shoulder is adapted to prevent the outer bracket arm from falling downward
95 too far should the joint connecting the bracket arms become loose through any cause.

The inner bracket arm 34 is provided at its inner end with a vertical pivot 38, arranged in a vertical bearing opening 39 of
105 an attaching plate or member 40, designed to be secured to the side of a coach or to the walls of a state room by suitable fastening devices. The pivot 38 is provided at its upper end with a head or shoulder 41, which
110 fits against the upper edge of the attaching plate or member, and the latter is provided at opposite sides with fixed upwardly extending supporting arms 42, adapted to re-
115 ceive coats, garments, or other wraps. The joint between the bracket arms permits the hat supporting head to be lowered to a convenient position for placing a hat on or removing it from the device, and after a hat
120 has been placed on the head and the extensible supporting arms adjusted to suit the same, the outer arm of the bracket is arranged to swing upward out of the way.

The bolt 33 of the joint between the bracket arms is equipped with a thumb nut
125 43 for securing the outer arm in any position within the range of its adjustment. The joint at the outer end of the outer arm also permits an adjustment of the head, and when a hat placed on the device is of too
130

great a size to permit it to be arranged in a horizontal position, the hat supporting head may be set at an inclination in close proximity to the side of a coach or the supporting wall, so as to support a hat of any size in an elevated position, where it will be perfectly safe and out of the way.

In the embodiment of the invention shown in Figs. 10 and 11, the hat supporting head is applied to an adjustable stand consisting of a base 44, a tubular standard 45 and an extensible section 46, telescoping in the tubular standard and secured in its adjustment by a set screw 47.

The extensible section 46 consists of a rod and is connected by a ball and socket joint with a stem 48, constructed substantially the same as the stem 18 with the exception that it is equipped with a ball 49, arranged in a sectional socket 50 and adapted to permit the head to be either rotated or tilted, whereby millinery or other objects may be arranged in a position for displaying their beauty in the most attractive and artistic manner.

The sections of the socket are connected by a bolt 51 and have semi-cylindrical lower portions, which receive a stamped cap 52, fitted on the upper end of the extensible section 46 and secured to the same by a pin 53. The bolt 51 is provided with a thumb nut 54, adapted to cause the sections to clamp the ball and maintain the head in any adjustment. The stem 48 and the ball and socket joint with its cap form an attachment, adapted to be applied to display stands of the ordinary construction.

Having thus fully described my invention, what I claim as new and desire to secure by Letters Patent, is:—

1. A device of the class described including an inverted cup-shaped head arranged horizontally and consisting of a plate provided with a marginal depending flange having spaced openings, spaced ribs extending inwardly from the said openings and forming guideways, extensible arms slidable in the guideways and movable through the openings, rotary means arranged within the flange of the head and operable from below for actuating the arms, said means also forming a support for the inner portions of the arms, and a vertical pivot for the rotary operating means, said pivot constituting a support for the head.

2. A device of the class described including an inverted cup-shaped head consisting of a plate having a marginal depending flange provided with spaced openings, spaced ribs rigid with and projecting from the lower face of the cap plate and extending inwardly from the said openings to form radial guideways, extensible arms slidable in the guideways and movable inwardly and outwardly through the said

openings and provided at their lower faces with projecting studs, a rotary plate housed within the head and spaced from the cap plate by the ribs and supporting the inner portions of the arms, said rotary plate being provided with cam slots receiving the studs of the extensible arms, means for rotating the plate to move the arms inwardly and outwardly along the guideways, and a vertical pivot for the rotary operating means, said pivot constituting a support for the head.

3. A device of the class described including an inverted cup-shaped head having an open bottom and consisting of a plate provided with a depending marginal flange, a stem fixed to and arranged centrally of the head and forming a depending pivot, supporting arms slidable inwardly and outwardly through the said flange, actuating means housed within the flange of the head and mounted on the stem and pivoted by the same to the head and holding the supporting arms against the lower face of the cap plate, an operating device connected with the said means and extending through the open bottom of the head and connected with the said actuating means, and supporting means connected with the lower end of the stem.

4. A device of the class described including a head consisting of a plate having a marginal flange, extensible supporting arms movable inwardly and outwardly through the said flange, a stem fixed to the head and forming a pivot, an actuating member pivotally connected with the head by the stem and having means for actuating the arms, and an approximately U-shaped handle composed of side portions secured to the actuating member, and a connecting portion having an opening through which the stem passes.

5. A device of the class described including a head open at the bottom and consisting of a marginally flanged plate provided with a central polygonal opening, central supporting arms guided for radial movement with respect to the head, a stem having a reduced outer end flattened at opposite sides to fit the said polygonal opening and presenting opposite arcuate faces, a rotary plate having a round central opening to fit the arcuate faces of the reduced portion of the stem and pivoted by the same to the head, said plate being supported by the stem in spaced relation with the flanged plate and provided with means for actuating the extensible arms, and an operating device extending through the open bottom of the head and connected with the rotary plate for moving the arms inwardly and outwardly.

6. In a device of the class described, the combination of an inverted cup-shaped head

- open at the bottom and consisting of a cap plate having a depending marginal flange provided with openings, a rotary plate housed within the cup-shaped head and
5 spaced from the cap plate thereof and centrally pivoted to the same, radially slidable hat supporting arms arranged within the space between the cap plate and the rotary plate and supported by the latter and extending through the openings in the said
10 flange, said rotary plate being provided with cam slots and the said arms having projecting studs working in the slots, a stem pivotally connecting the cap plate and the rotary
15 plate and supporting the same, a handle also mounted on the stem and connected with the rotary plate and extending through the open bottom of the head, and supporting means connected to the lower end of the stem.
20 7. A hat holder including horizontal arms provided with terminal horizontal portions and having intermediate vertical portions, and pins removably mounted on the vertical portions of the arms and located above and
25 projecting over the terminal horizontal por-

tions of the said arms to engage a hat and hold the same against vertical movement, whereby the hat is retained on the said horizontal portions.

8. A hat holder including horizontal arms 30 provided with terminal horizontal portions and having intermediate vertical portions, the latter being provided with perforations, headed pins passing through the said perforations and located above and projecting 35 over the terminal horizontal portions of the arms to retain a hat thereon, said pins having their heads located at the inner faces of the vertical portions of the arms, and means carried by the arms and removably overlying the heads of the pins for detachably 40 retaining the same in the said perforations.

In testimony, that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

PATRICK F. DENNING.

Witnesses:

LUCIA DENNING,
MARGARET K. BARTON.