No. 722,546. PATENTED MAR. 10, 1903.

H. WERLE.

STAND FOR UMBRELLAS, CANES, OR THE LIKE.

APPLICATION FILED JULY 25, 1902.

NO MODEL. 2 SHEETS—SHEET 1.

Fig. 2

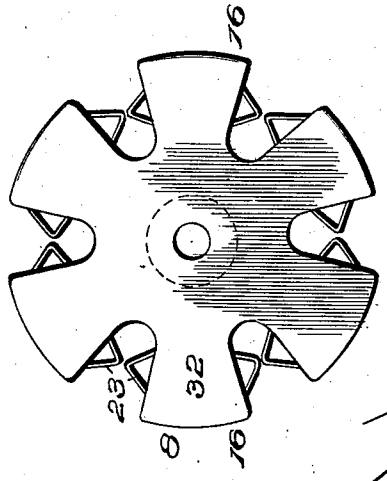
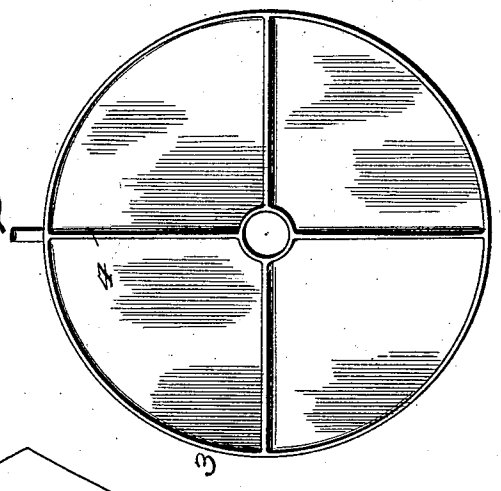


Fig. 4



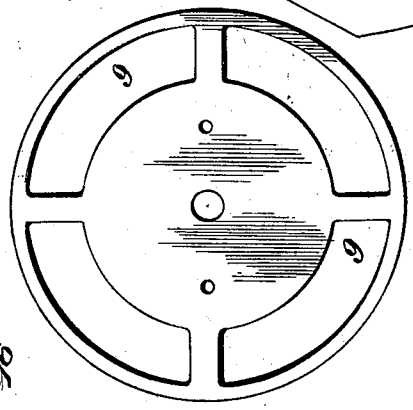
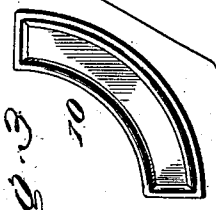


Fig. 3



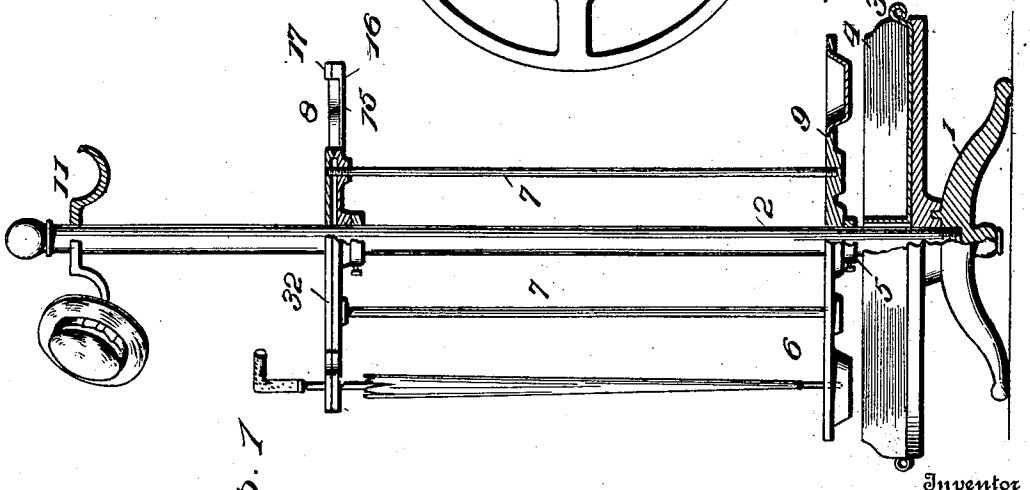


Fig. 1

Inventor

Henry Werle

Witnesses

W. C. Williams.

Denizas J. Matthews

By

Jno. Minnie

Attorney

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

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APPLICATION FILED JULY 25, 1902.

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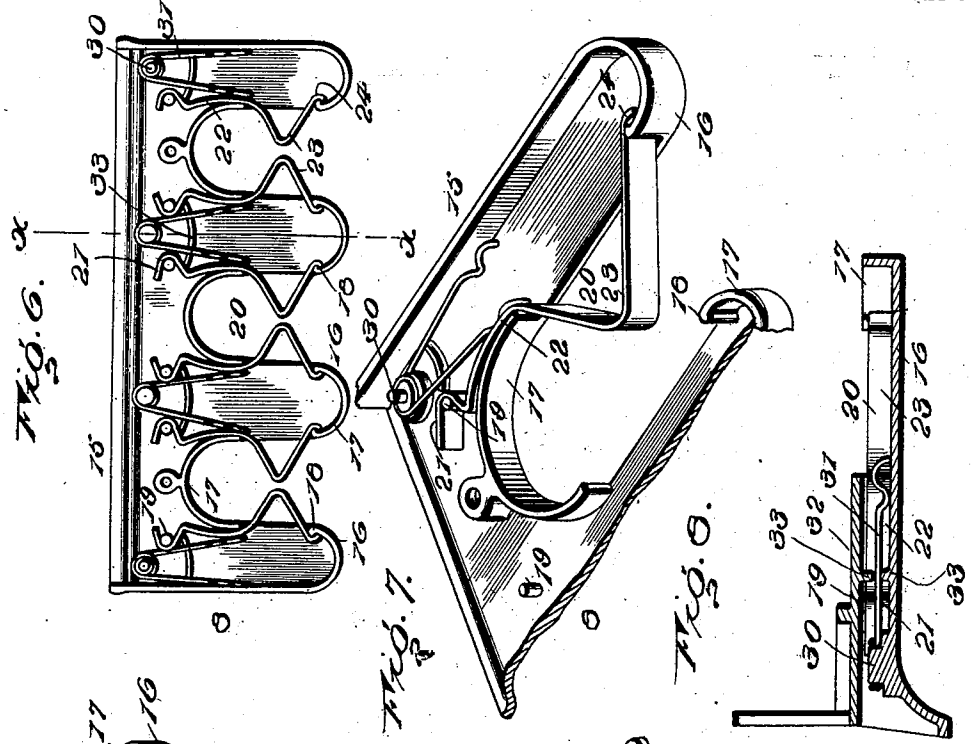


Fig. 6.

Fig. 7.

Fig. 8.

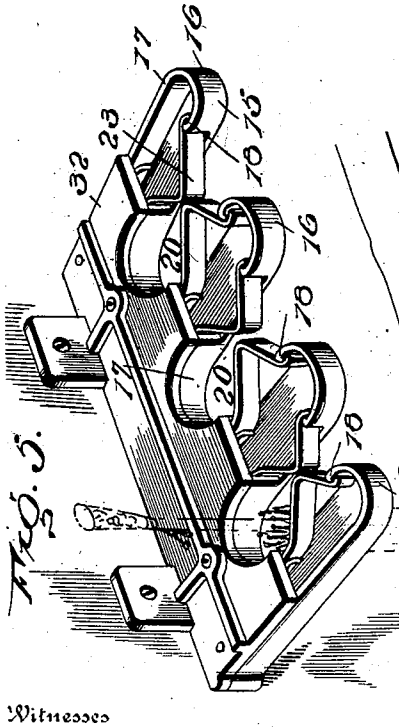
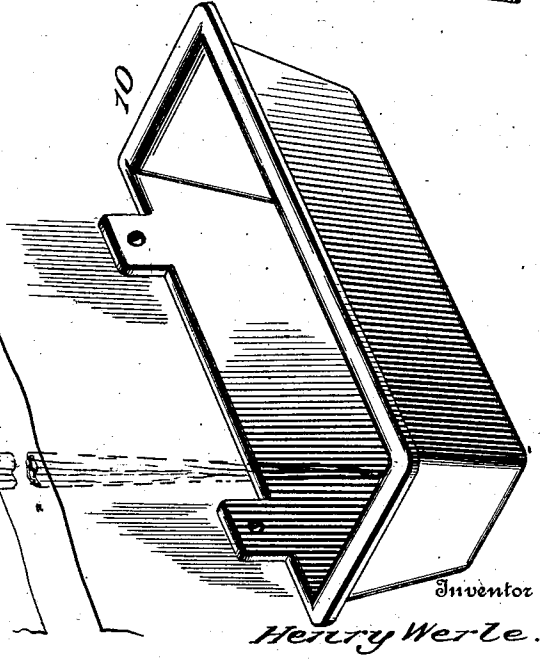


Fig. 5.



Inventor

Henry Werle.

Witnesses

W. A. Williams.

Deniza J. Matthews.

By

Attorney

UNITED STATES PATENT OFFICE.

HENRY WERLE, OF STERLING, ILLINOIS.

STAND FOR UMBRELLAS, CANES, OR THE LIKE.

SPECIFICATION forming part of Letters Patent No. 722,546, dated March 10, 1903.

Application filed July 25, 1902. Serial No. 116,968. (No model.)

To all whom it may concern:

Be it known that I, HENRY WERLE, a citizen of the United States, residing at Sterling, in the county of Whiteside and State of Illinois, have invented certain new and useful Improvements in Stands for Umbrellas, Canes, or the Like; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the figures of reference marked thereon, which form a part of this specification.

This invention relates to improvements in stands for umbrellas, canes, hats, rubbers, &c.

The object of the invention is to provide a stand adapted to receive the above-enumerated articles, particularly umbrellas and canes, and hold them conveniently, so that they can be inserted or taken out of position at will.

The invention is primarily designed and relates more particularly to the details of construction of the devices for clamping the umbrellas and canes and holding them in position.

In the accompanying drawings, Figure 1 is a side elevation, partially in section, of one form of my invention. Fig. 2 is a top plan view of the umbrella-holding device. Fig. 3 is a top plan view of the support for the pans which receive the drippings from the umbrellas, one of the said pans being detached and placed off to one side. Fig. 4 is a top plan view of the receptacle for receiving rubbers or the like. Fig. 5 is a perspective view of another form of my invention. Fig. 6 is a top plan view of the upper portion of said form, showing the top removed. Fig. 7 is a detail perspective view of the casting and one of the clamping devices, and Fig. 8 is a detail transverse section on the line $x\ x$ of Fig. 6.

The numeral 1 represents a base provided with a standard 2, on which is mounted a revoluble table 3, having radial partitions 4 to form receptacles for rubbers, shoes, or the like. A collar 5 is mounted on the standard 2, just above the table 3, and resting thereon is a frame 6, connected by vertical bars 7 to a top frame 8. In the lower frame 6 are slots 9 to receive pans 10 to catch the drippings from the umbrellas, while the upper frame 8 is composed of two sections and carries the devices to hold the upper part of the umbrella or cane, which will be more fully described in detail hereinafter. At or near the upper end of the standard 2 are hooks 11 for hats, coats, or the like.

Inasmuch as the construction of the device for holding the umbrellas is substantially the same in both forms of the invention shown, the description of one will suffice for the other.

The numeral 15 indicates the lower section, having formed at its outer edge a series of projections 16, partially surrounded by upwardly-extending flanges 17. The flanges 17, which surround the outer ends of the projections 16, have their inner ends slightly turned in, as at 18, in the form of a hook. Lugs 19 project upwardly from the section 15, and bearing on these lugs are spring-actuated fingers 20, each finger consisting of a bearing 21, an extended portion 22, which extends to the termination of the flange 17, which surrounds the inner portion of the projections 16, and extending outwardly from said flange the spring assumes an approximately V shape, as shown at 23. The extreme outer end of the portion 23 is bent at an angle thereto, as at 24, to fit against the hook 18. Other lugs 30 project from the section 15, around which are coiled springs 31, adapted to bear against the extended portions 22 of the fingers 20. To insure the maintaining of these springs in proper alinement to horizontally actuate the fingers, the outer ends thereof are curved to approximately fill the space between the upper section 32 and the lower section 15. As an additional means for maintaining these springs I provide on each section a lug 33, so that when the two members of the frame are clamped together both the springs and the fingers are absolutely held in proper relative position to each other and are prevented from lateral displacement, except the necessary movement allowed between the ends of the flange 17.

To place an umbrella in the stand, the operator first puts the lower end in the pan 10 and rocks the upper end toward the standard 2, forcing two of the fingers 22 apart against

the tension of the springs 31, whereupon as soon as the umbrella is back of the V-shaped portions 23 of the fingers it is confined thereby by reason of the springs forcing them to their normal position and the flange at the inner portion of the projection 16. To remove the umbrella or cane, as the case may be, it is simply necessary to exert sufficient force on the upper end to force the springs apart to permit the passage of the article.

My invention is extremely simple in construction, durable in character, and one possessing many decided advantages over the present state of the art, for it will be remembered that the space formed intermediate the upper and lower sections is just sufficient for the free movements of the fingers 22, and when the parts are assembled the upper section being fastened by screws or bolts readily holds the whole arrangement in position.

What I claim as new is—

1. The combination with a stand comprising a receptacle divided by partitions to form compartments for rubbers or the like, a drip-pan for the ends of umbrellas, canes or the like, an upper frame composed of a pair of plates having seats to receive canes or umbrellas, fingers located in opposite sides of the seats, each finger having an extended portion, pivots for the fingers, the outer ends of the fingers bearing against the edge of the seats to limit their movement toward coacting arms, and a single spring impinging two fingers located in adjoining seats to force the ends of the fingers against the edge of the seat and their extended portions toward each other, substantially as described.

2. A stand to receive umbrellas or canes, comprising a drip-receptacle, a frame having a plurality of adjoining seats, pivot-posts in the frame, stops at the outer edges of the seats, a pair of fingers in each seat, each finger having a seat at one end to engage a pivot-post and bent at its opposite end to engage a stop of the seat and formed at an intermediate point with an extension, pivots for springs, and springs interposed in the frame to force the fingers against the stops and the extensions of coacting arms toward each other, one of the springs being disposed to act on one finger of each adjoining seat, substantially as described.

3. A device of the character described comprising a frame composed of upper and lower sections, the lower section having fingers with seats formed between them, a flange at the outer end of each finger, a flange formed at the inner edge of the seat, pivot-posts in the frame, fingers, each finger being bent at one end to form a seat to engage a pivot-post, and a flange formed at the end of each finger to engage the flange at the outer end of a finger, an extension intermediate the finger, pivoted springs bearing against fingers of adjoining seats to force the extensions of coacting fingers toward each other and their respective end flanges against the flanges at the outer ends of the projections and the flanges at the inner end portion of the seats, substantially as described.

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

HENRY WERLE.

Witnesses:
R. L. HOPKINS,
J. F. HESSLING.