

A. POZZI.
 CANE AND UMBRELLA TIP PROTECTOR.
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1,007,780.

Patented Nov. 7, 1911.

Fig. 1.

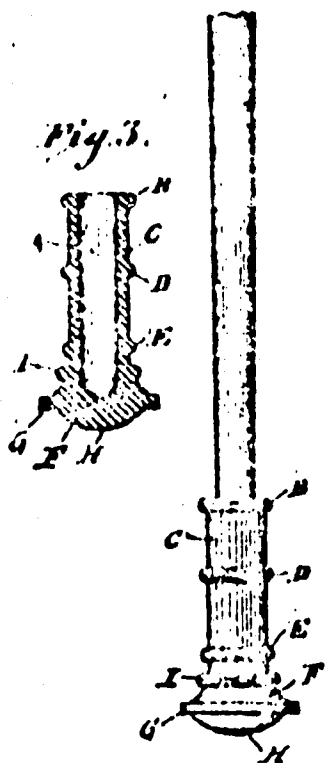


Fig. 2.

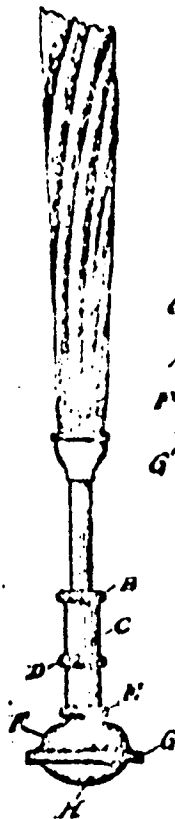


Fig. 3.

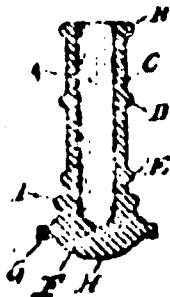
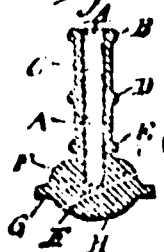


Fig. 4.



Witnesses:

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ALOYSIUS POZZI, OF TRENTON, NEW JERSEY.

CANE AND UMBRELLA TIP PROTECTOR.

1,007,730.

Specification of Letters Patent.

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Application filed June 3, 1911. Serial No. 631,133.

To all whom it may concern:

Be it known that I, ALOYSIUS POZZI, a citizen of the United States, residing at No. 19 Bayard street, in the city of Trenton, county of Mercer, and State of New Jersey, have invented a new and useful Cane and Umbrella Tip Protector, of which the following is a specification.

It is well known that the boards of a boardwalk are not laid so as to abut each other, as in the floor of a building, but open spaces are left between the adjacent boards. These open spaces are a source of great annoyance to pedestrians inasmuch as the tips of canes and umbrellas slip into the spaces and are caught, causing the persons carrying the canes or umbrellas to come to a sudden and unexpected stop. Frequently, the strain is so great as to break off the end of the cane or umbrella and thereby impose a financial loss upon the owner.

Inasmuch as the rods of the majority of umbrellas, parasols, canes and the like, especially such articles of the better quality, are extremely thin and taper to practically a point, the necessity of providing some such device as that hereinafter described becomes apparent. Furthermore, it is desirable to not only provide a device that will accomplish the object sought, but at the same time provide a device that will not detract from the appearance of the umbrella, &c.

It is the object of my invention to provide a cheap, simple and efficient device which may be readily applied to a cane or umbrella and by the use of which the slipping of a cane or umbrella tip into the cracks or spaces of a walk or pavement will be prevented.

This object is attained in such a device as is illustrated in the accompanying drawings and the invention consists in certain novel features hereinafter first fully described and then particularly pointed out in the appended claims.

In the drawings: Figures 1 and 2 are elevations, showing the invention applied to a cane and to an umbrella, respectively; Figs. 3 and 4 are vertical diametrical sections of the devices shown in Figs. 1 and 2, respectively.

In carrying out my invention, I employ a body of rubber or similar material comprising a long, thin stem C having a bore A which may be of various diameters to

fit snugly on the tip of a cane or umbrella whereby the protector will remain in position through its own resiliency. To prevent splitting of the stem and for strengthening same, reinforcing rings or annular beads B, D, E, are formed at the center and at the upper and lower ends of the stem, as shown.

The stem C being made long and thin so as not to detract from the appearance of the umbrella, &c., when the device is applied thereto, it becomes necessary to strengthen and slightly enlarge the device at the point where the stem merges into the base. I therefore at the lower end of the stem form a large solid base F having a convex or spherical lower face H which serves as a rocker to accommodate the swaying of the cane or umbrella under the weight applied thereto. It will be observed that the base of the device is enlarged so as to extend laterally of the stem and the area is further increased by an annular flange G of angular cross section.

In the form shown in Figs. 1 and 3 an annular bead I is provided between the flange G and the head E to reinforce and strengthen the device around the tip of the cane or umbrella and where the stem merges into the base, while in the form shown in Figs. 2 and 4 the base F is thickened around the lower end of the bore A for the same purpose. Should the tip of the cane or umbrella tend to enter an opening in the walk the flange G will engage the sides of the opening and thereby prevent the dropping of the stick into the opening. The device, being formed of rubber, will tend to prevent slipping upon the walk, but if there should be a slight sliding it will be instantly checked by the annular angular flange G impinging against the walk.

The device being strengthened as described at the point where the stem C merges into the base portion it is desirable that the point or end of the rod of the umbrella or cane shall extend below this strengthening portion and have a firm rest or support on the solid base portion H, and to attain this object the bore of the stem C is extended below said strengthening portion to a point approximately on a line with the upper edge of the flange G, as clearly shown in Figs. 3 and 4.

The device will be made in various sizes so as to be readily fitted to a cane or umbrella tip of any diameter and when in place

will present a neat appearance which will not detract from the sightliness of the cane or umbrella.

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

1. A device of the character described comprising an elongated hollow thin stem adapted to fit snugly the end of an umbrella, cane or the like, reinforcing strengthening beads formed on the stem, a laterally extended enlarged base portion at the lower end of the stem, a strengthening member formed at that portion of the device where the stem merges into the base and an annular flange around said base and extending beyond the outer surface thereof, the lower face of the base being convex and solid.

2. A device of the character described comprising an elongated hollow thin stem

adapted to fit snugly the end of an umbrella, cane or the like, reinforcing strengthening beads formed on the stem portion, a laterally extended enlarged base portion at the lower end of the stem, a strengthening member formed at that portion of the device where the stem merges into the base and an annular flange around said base and extending beyond the outer surface thereof, the lower face of the base being convex and solid, and the bore of said stem extending to a point within the base on a line with the upper edge of said flange and the part of the stem surrounded by the strengthening member.

ALOYSIUS POZZI.

Witnesses:

ANNA ROBINSON,
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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."