

FRANK PIRRO DE NOBILI, DEC'D.
 FANNIE PIRRO DE NOBILI, EXECUTRIX.
 UMBRELLA RING.

1,410,173.

Patented Mar. 21, 1922.

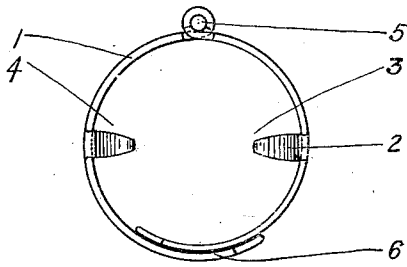


Fig. 1.

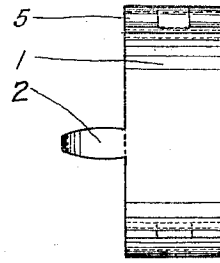


Fig. 2.

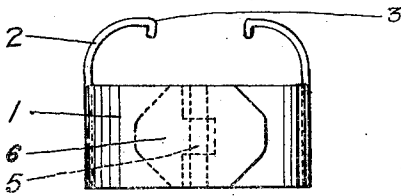


Fig. 3.

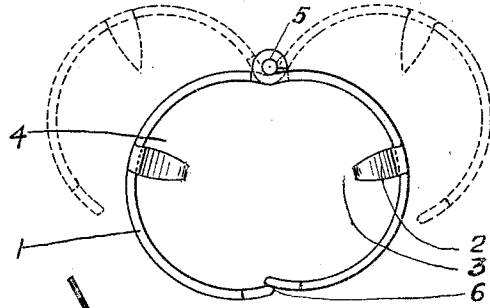


Fig. 4.

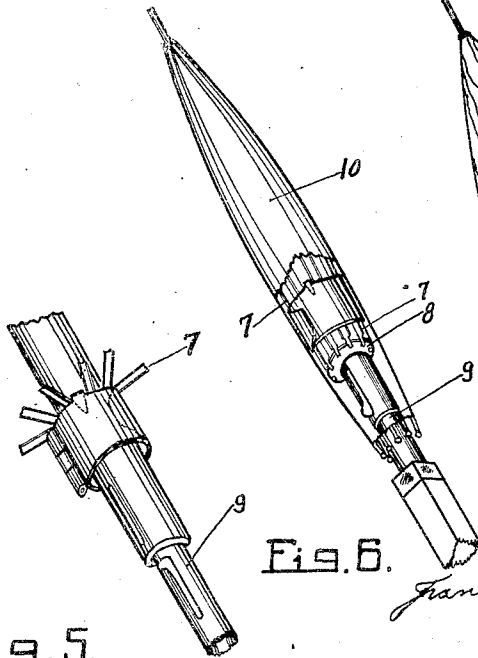


Fig. 5.

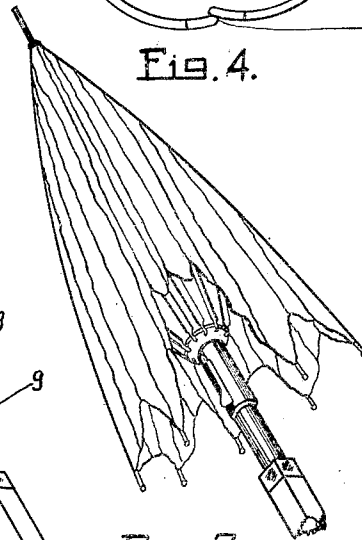


Fig. 6.

Fig. 7.

Frank Pirro de Nobili INVENTOR.

BY
 Witnesses:
 M. J. P. de Nobili
 Fannie P. de Nobili

ATTORNEYS.

UNITED STATES PATENT OFFICE.

FRANK PIRRO DE NOBILI, DECEASED, LATE OF LOS ANGELES, CALIFORNIA, BY
FANNIE PIRRO DE NOBILI, EXECUTRIX, OF LOS ANGELES, CALIFORNIA.

UMBRELLA RING.

1,410,173.

Specification of Letters Patent. Patented Mar. 21, 1922.

Application filed March 24, 1921. Serial No. 455,284.

To all whom it may concern:

Be it known that FRANK PIRRO DE NOBILI, deceased, a subject of the King of Italy, and late a resident of the city and county of Los Angeles, State of California, had invented new and useful Improvements in Umbrella Rings, of which the following is a specification.

The invention relates to improvements in an umbrella ring and the object of the invention is to provide a simple, compact and easily operated umbrella ring, which serves to tightly contract the ribs of the umbrella together when set in place thereby securely keeping the umbrella closed.

Further objects will hereinafter appear.

The invention consists of the parts and the construction combination and arrangement of parts as hereinafter more fully described and claimed having reference to the accompanying drawing, in which—

Figure 1 is a plan view of the umbrella ring;

Figure 2 is a side elevation of the ring;

Figure 3 is a front elevation of the ring;

Figure 4 shows in solid lines the ring partially open and in the dotted lines wide open;

Figure 5 is a cut away view of an umbrella when same is wide open showing ring resting on the ring that the stretchers of the umbrella are attached to;

Figure 6 is a general view of an umbrella showing a portion of the cloth removed and showing the umbrella ring set in a correct closed position.

Figure 7 shows an umbrella with cloth partially cut away in its usual position when ring is not used.

Referring to the drawing in detail, 1 indicates the flat metal band of the umbrella ring, 2 the fingers which go between the stretchers 7 of the umbrella, and 3 the flange at the outer end of said fingers, the object of which is to provide a suitable and finished and smooth surface, said flange which comes directly up against the main stem of the umbrella, allowing same to glide up and

down said stem 9, 4 are openings between fingers which accommodate the stretchers 7 of the umbrella, when the umbrella is wide open, 5 is the center hinge connecting the two pieces of the umbrella ring and 6 is the overlapping end of the umbrella ring which allows the other extreme end to fit in front of the said end 6, and the said other extreme end is retained in such a position by the pressure of the exterior curve of the overlapping end 6, such as shown in Figure 1, thereby it is plainly seen that the ring is detachable; 8 is the ring of the umbrella to which stretchers 7 are attached. 10 is the cloth of an umbrella.

The common fault of umbrellas is that the umbrella will not keep securely closed unless the cloth is rolled around the umbrella because the spring of the umbrella is so weak that the umbrella will be apt to open, but by putting on this umbrella ring which is herein described and pushing same up to the middle of the umbrella as shown in Figure 6, the ribs are tightly contracted together which enables the umbrella to remain securely closed eliminating the necessity of rolling the cloth around the umbrella and which also protects the ribs against breakage.

What is claimed is:

An umbrella ring of the character described having a flat metal band of two pieces which are connected together by means of a center hinge, said umbrella ring having fingers attached thereto, said fingers fitting between the metal stretchers of an umbrella, said fingers having a flange at their outer end, said flanges coming in contact with the umbrella's shaft or stem; said umbrella ring being shifted to the middle of the umbrella's shaft or stem tightly contracts the stretchers of the umbrella together, bringing the stretchers to the desired compactness, thereby keeping umbrella securely closed; said ring so constructed and arranged that it is detachable when so desired.

FRANK PIRRO DE NOBILI.

Mrs. FANNIE PIRRO DE NOBILI,

Executrix of said Frank Pirro De Nobili, Deceased.