

No. 776,352.

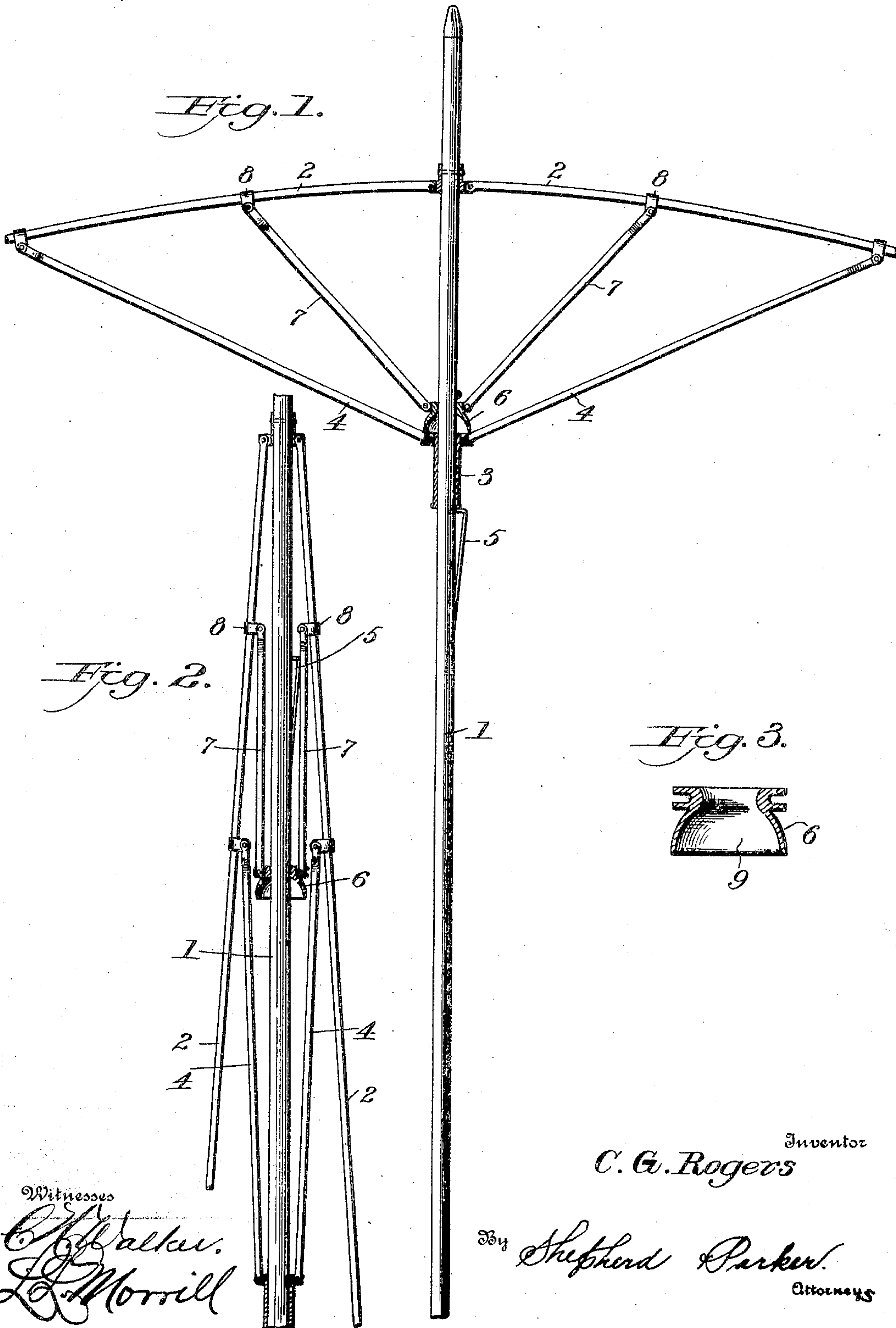
PATENTED NOV. 29, 1904.

C. G. ROGERS.  
UMBRELLA.

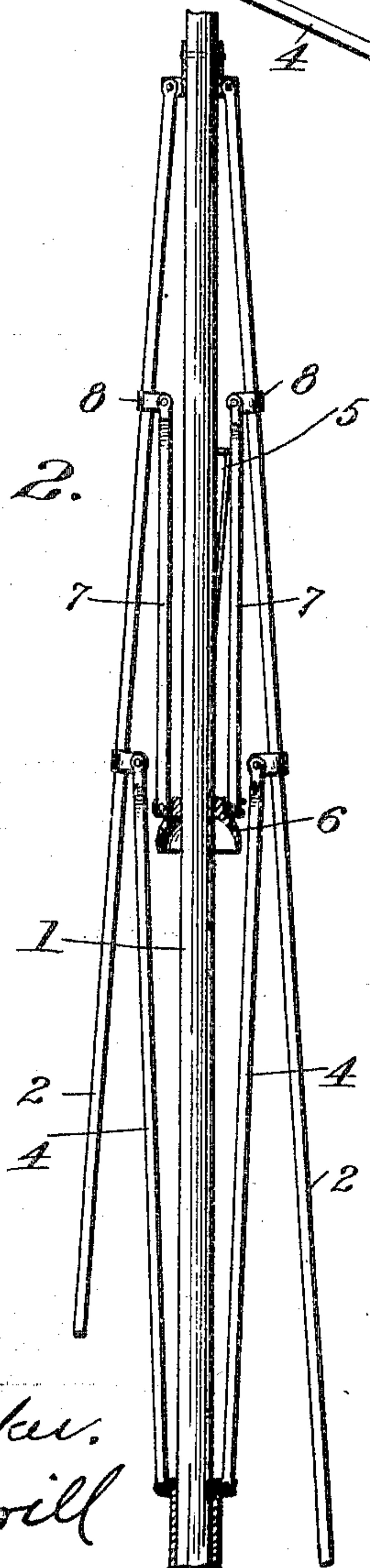
APPLICATION FILED JUNE 9, 1904.

NO MODEL.

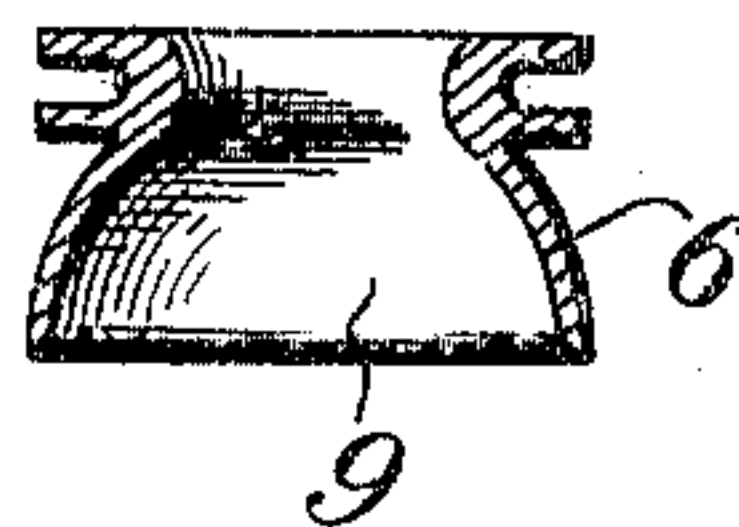
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



Witnesses  
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## UNITED STATES PATENT OFFICE.

CHRISTOPHER GODLIEB ROGERS, OF BROOKLYN, NEW YORK.

## UMBRELLA.

SPECIFICATION forming part of Letters Patent No. 776,352, dated November 29, 1904.

Application filed June 9, 1904. Serial No. 211,842. (No model.)

*To all whom it may concern:*

Be it known that I, CHRISTOPHER GODLIEB ROGERS, a citizen of the United States, residing at Brooklyn, in the county of Kings and State of New York, have invented a certain new and useful Improvement in Umbrellas, of which the following is a specification.

My invention relates to umbrellas, and has for its object to provide an umbrella with an auxiliary runner and auxiliary stretchers to prevent the umbrella being turned inside out by the wind.

I am aware that prior to my invention umbrellas have been made with auxiliary runners and stretchers for the purpose. Such auxiliary runners, however, have been extremely inconvenient as regards manipulation by reason of contacting with the upper spring-catch upon the rod and the necessity of passing the hand upwardly between the main stretchers to disengage the catch.

The principal object of my invention is to provide a runner which will freely pass in either direction over the spring-catch. To accomplish this purpose, I construct the runner with an enlarged and cup-shaped bottom portion which when the umbrella is distended bears upon the upper face of the main runner.

With these and other objects in view the present invention consists in the combination and arrangement of parts, as will be hereinafter more fully described, shown in the accompanying drawings, and particularly pointed out in the appended claims, it being understood that changes in the form, proportion, size, and minor details may be made within the scope of the claims without departing from the spirit or sacrificing any of the advantages of the invention.

In the drawings, Figure 1 is a view of an umbrella in vertical section with my improved runner mounted thereon and shown in the position which it occupies when the umbrella is distended. Fig. 2 is a similar view showing the umbrella folded. Fig. 3 is a detail sectional view of the cup-shaped runner.

Like characters of reference designate corresponding parts throughout the several views.

Upon the usual rod 1 are mounted the usual ribs 2, runner 3, and stretchers 4, the rod 1

being provided with the usual spring-catch 5. Upon the rod 1, above the usual runner 3, is mounted my improved cup-shaped auxiliary runner 6. To the upper part of the auxiliary runner 6 are secured auxiliary stretchers 7 in the usual manner in umbrella construction, with the opposite ends of such auxiliary stretchers secured to the ribs at a point 8 midway between the ends of the ribs, which are secured to the rod and the outer ends of the main stretchers. The lower part of my improved runner is enlarged and made cup-shaped, as shown at 9, and of such dimension as to embrace catch 5 and by its cup shape to pass freely over the spring-catch by forcing the said catch to its seat within the rod.

The operation of my invention is as follows: The umbrella being distended, as shown in Fig. 1, the auxiliary runner 6 bears firmly against the top of the main runner 3, holding the ribs 2 in the curved position shown, thereby preventing the turning of the umbrella inside out by the wind. To fold the umbrella, the spring 5 is forced into its seat within the rod 1, thereby permitting the passage of the runner 3 downward upon the rod. When the runner 3 has passed the catch 5, this springs outwardly. With the usual form of auxiliary runners the spring 5 will contact therewith and make it necessary to pass the hand upward, as before described, to release the auxiliary catch. With my improved auxiliary runner the cup-shaped portion embraces the catch 5 and by reason of the sloping sides forces the spring 5 to its seat automatically and passes freely downward over the spring.

It is obvious that the lower part of my auxiliary runner might be made bell-shaped or conical shaped and that other minor changes might be made without departing from the spirit of my invention.

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

1. In an umbrella, the combination of a central rod, a runner, stretchers connecting said runner and the ribs, a semispherical auxiliary runner disposed above the first-mentioned runner, and auxiliary stretchers connecting the auxiliary runner with the ribs.

2. In an umbrella, the combination of a central rod, a runner, stretchers connecting said runner and the umbrella-ribs, a semi-spherical auxiliary runner disposed above the  
5 first-mentioned runner, and auxiliary stretchers connecting the auxiliary runner with the ribs at a point thereon between the first-mentioned stretchers and the central rod, the said semispherical auxiliary runner being adapted

to pass freely in either direction, over the runner-retaining spring-catch and all so disposed that when the runner is engaged by the upper spring-catch the auxiliary runner bears upon the top thereof.

CHRISTOPHER GODLIEB ROGERS.

In presence of—

JAMES WALSH,

JOSEPH GOODMAN RHODES.