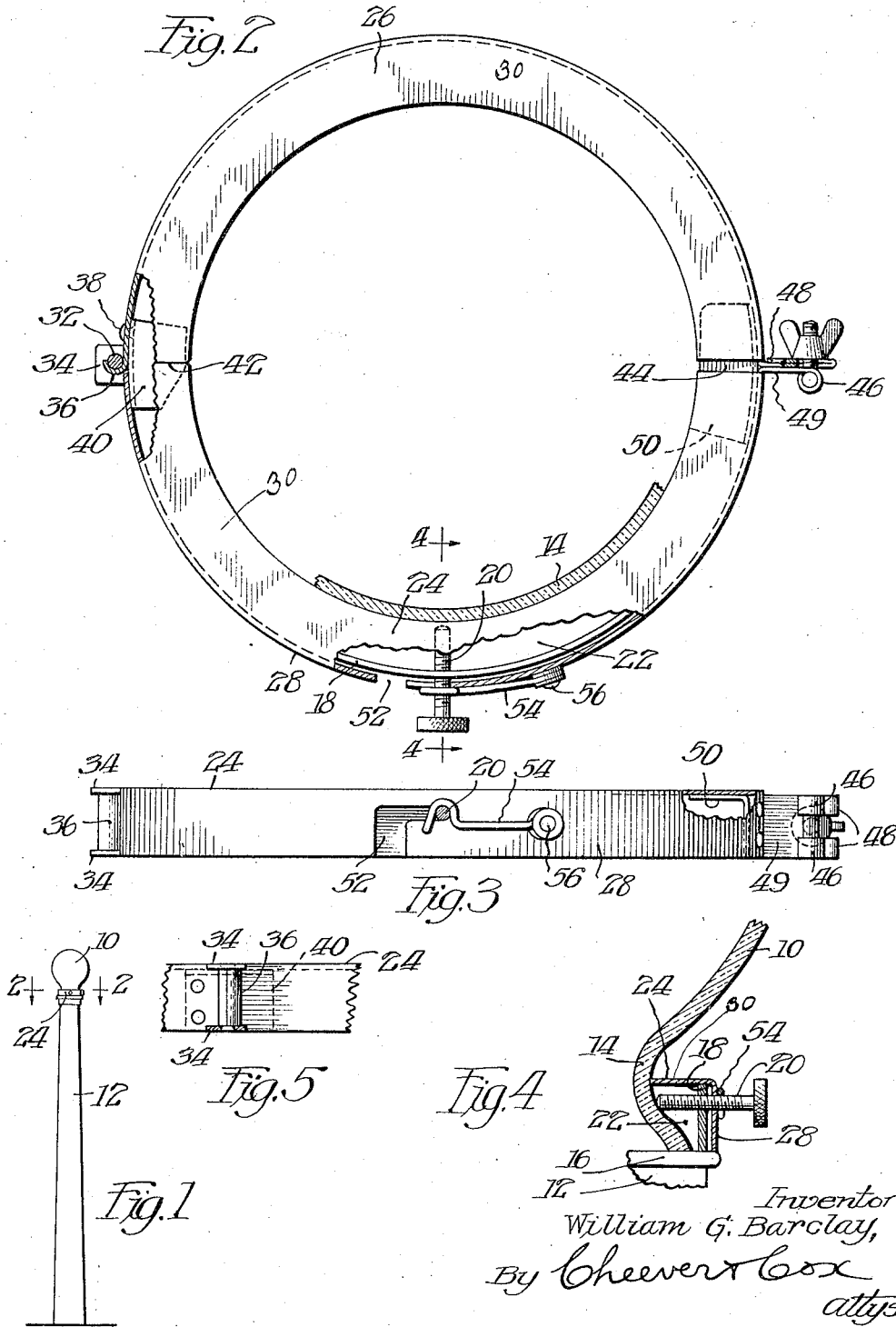


W. G. BARCLAY.
 WEATHER PROTECTING RING FOR STREET LAMPS.
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1,427,344.

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UNITED STATES PATENT OFFICE.

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WEATHER-PROTECTING RING FOR STREET LAMPS.

1,427,344.

Specification of Letters Patent. Patented Aug. 29, 1922.

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To all whom it may concern:

Be it known that I, WILLIAM G. BARCLAY, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a certain new and useful Improvement in Weather-Protecting Rings for Street Lamps, of which the following is a specification.

This invention is a weather protecting ring for ready application about the base of an ornamental electric light globe of the type commonly used in boulevard lighting at the tops of more or less ornamental posts. The object of the invention is to provide a device of this type which is simply constructed, easily applied to commercial devices of this class, and which is satisfactory in use. The invention consists in means for carrying out the foregoing and other objects and in features and details of construction more fully set forth in the specification and claim.

Referring to the drawings in which like numerals denote like parts throughout the several views,

Figure 1 shows a street lamp post, the globe thereon and diagrammatically a device of this invention applied thereto.

Figure 2 is a plan view partially in section taken at the point 2-2 of Figure 1.

Figure 3 is a side view of the ring of Figure 1.

Figure 4 is a sectional view on the line 4-4 of Figure 2, and

Figure 5 is a detail of the mechanism taken from the left hand center of Figure 2.

The device is applicable to any conventional form of globe 10 applied to any conventional form of lamp post 12 in the ordinary manner, the object being to provide a protecting ring which may be detachably applied to the lower flange portion 14 of the globe 10 as it rests on the cap 16 of the post 12 inside of the ring or lugs 18 usually provided thereon carrying the set screws 20 threaded in the member 18 and engaging the flange portion 14. Where only the parts thus far enumerated are used snow and ice, bugs, or other foreign matter gets into the space 22 above the cap 16 and about the globe base and make it practically impossible to remove the globe for cleaning and otherwise.

In order to avoid this difficulty a protective ring of this invention is provided made

up of two curved segments 24 and 26 which in the particular case here illustrated are each half circles, each segment being made of metal of right angled cross section, as clearly shown in Figure 4 comprising a vertical flange or wall 28 and an inwardly turned horizontal flange or wall 30 so shaped and proportioned that when the parts are assembled as shown in the drawing, the entire space 22, heretofore referred to, is completely covered and enclosed to prevent the access of rain and snow. Two adjacent ends of the segments 26 and 24 are connected together by a hinge mechanism which may be of any suitable construction but which in the particular form of the invention here shown in the drawing comprises a post 32 carried by horizontal flanges 34 extending from one segment, the post 32 being embraced by curved plate 36 attached to the other segment, in the particular case here illustrated 26, by any suitable means, as rivets 38. Adjacent to the hinge mechanism just described the upper flanges 30 of their respective segments fit together in a weather protecting way through the agency of one of them being provided with the supplemental plate 40 attached to its underside and overlapping the line of abutment 42 between the segments. The result of this construction is that one segment may be swung with reference to the other about the hinge 32 without entirely opening the line of separation 42 to the elements.

Opposite the line of separation 42, heretofore referred to, the segments 24 and 26 abut each other in the line 44 and are detachably secured together through the agency of any convenient securing or locking device 46 passed through outwardly projecting wings or flanges 48. Here, as before, the upper flanges 30 are carried across the line of severance 44 by a weather-protecting flange 50 attached to one segment and slidable along the under surface of the flange of the other.

The side walls or flanges 28 of the ring are provided with bayonet joint slots 52 adapted to receive and permit the ring to pass over the screws 20, heretofore referred to. Supplemental locking hooks 54 pivoted at 56 may be provided as desired for locking over these screws.

In the operation of the device the mecha-

nism as shown is provided and the operator in applying it first removes the locking device 46 and swings the segments back one from the other about the hinge mechanism 5 sufficiently to permit the ring to pass about the neck of base of the globe 10. He thereupon places the ring about the globe in the position shown in the figures, brings the segments together, and applies the locking mechanism. He then lets the bayonet joint 10 slot 52 pass over the screws 20 and rotates the ring to final position applying the hook 54. The device is then permanently in use and protects the globe for all weather purposes. 15

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

A protecting ring for globes of street

lamps comprising two abutting segments, 20 each segment having two separate walls only at right angles to each other, one of said parts being an inwardly turned horizontal top flange and the other a downwardly turned vertical flange, a hinge between two opposite segment ends permitting horizontal 25 swinging of one segment with reference to the other, a fastening device for the other two segment ends and means in the side flanges of the segments for detachably securing the device to the globe fastenings. 30

In witness whereof, I have hereunto subscribed my name in the presence of two witnesses.

WILLIAM G. BARCLAY.

Witnesses:

DWIGHT B. CHEEVER,
ANNA ROSENTHAL.