

No. 627,704.

Patented June 27, 1899.

E. A. PAULI.  
HOOD FOR BICYCLE LAMPS.

(Application filed Jan. 19, 1898.)

(No Model.)

FIG. 1.

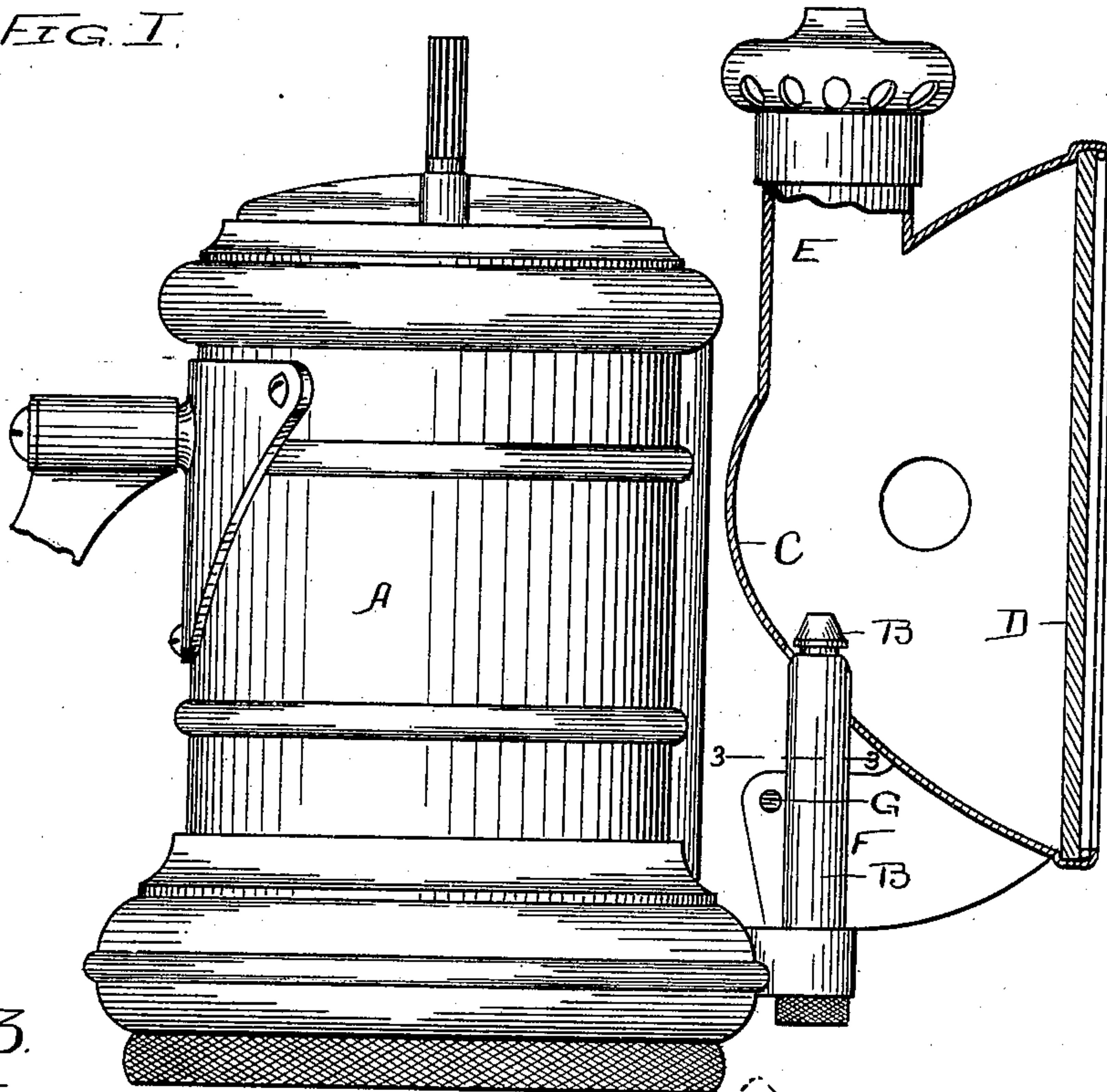


FIG. 3.

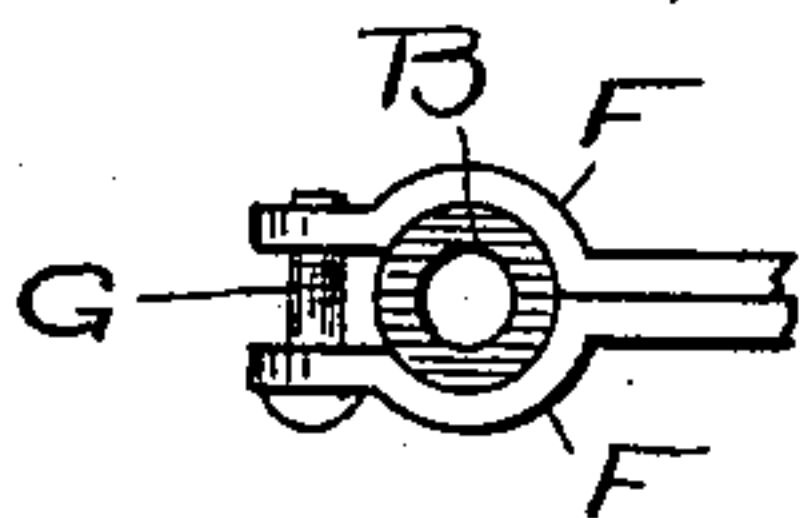
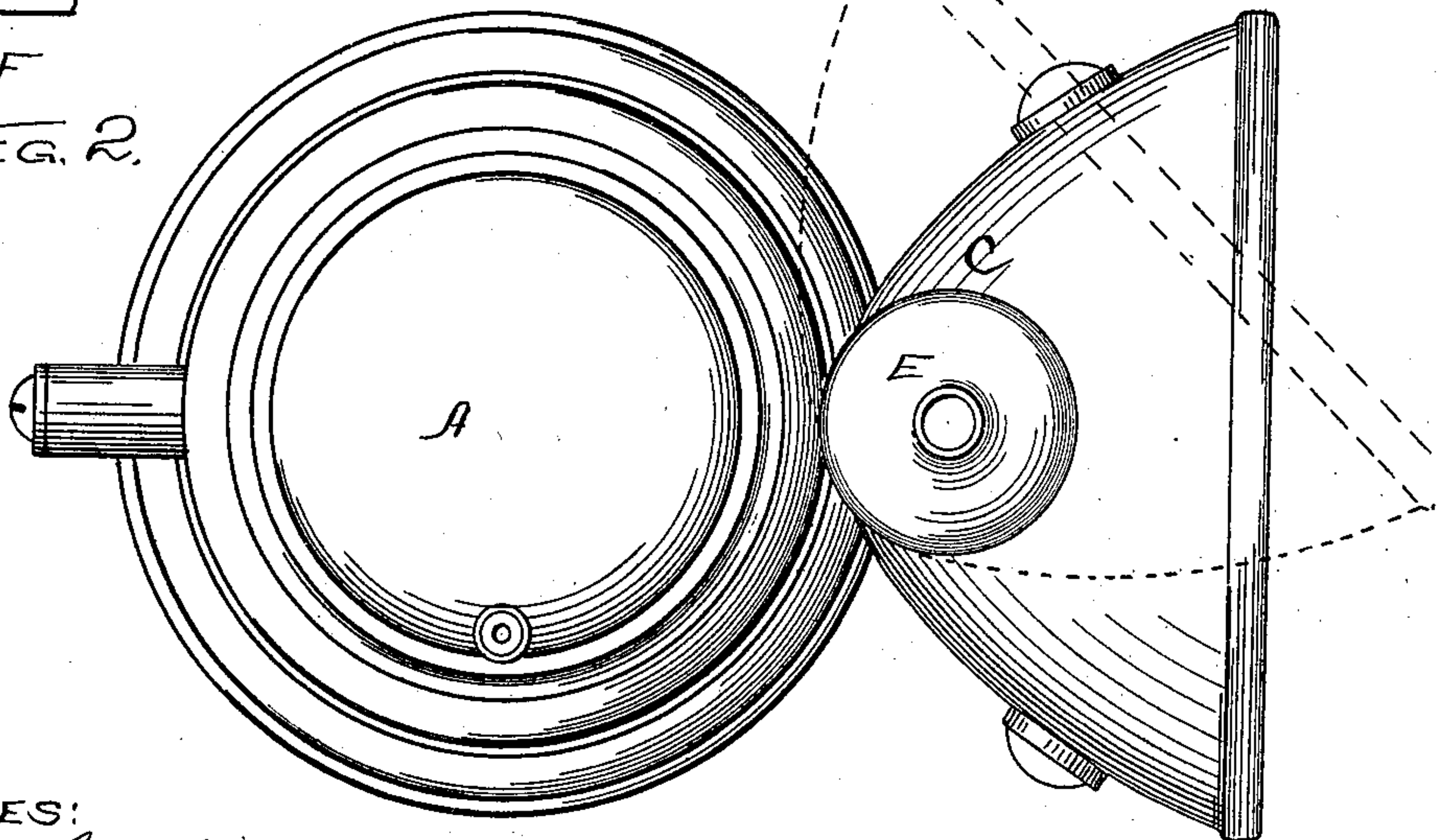


FIG. 2.



WITNESSES:

*Geo. C. Curtis*  
*A. W. Munday.*

INVENTOR:  
EMIL A. PAULI

BY *Munday, Everts & Adcock.*  
HIS ATTORNEYS.

# UNITED STATES PATENT OFFICE.

EMIL A. PAULI, OF CHICAGO, ILLINOIS, ASSIGNOR OF FOUR-FIFTHS TO JOHN HEWITT, ORLANDO S. GAUCH, DAVID J. WILSON, AND CHARLES T. BLACKFORD, OF SAME PLACE.

## HOOD FOR BICYCLE-LAMPS.

SPECIFICATION forming part of Letters Patent No. 627,704, dated June 27, 1899.

Application filed January 19, 1899. Serial No. 702,678. (No model.)

*To all whom it may concern:*

Be it known that I, EMIL A. PAULI, a citizen of the United States, residing in Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Hoods for Bicycle-Lamps, of which the following is a specification.

This invention relates to improvements in bicycle-lamps.

It is frequently the case that bicyclers have occasion while riding to look sidewise either to guard against accidents, as at street intersections, or to note objects of interest they may be passing. As the lamps are now constructed they cannot do this without stopping and turning either the machine or the front wheel in the direction they desire to look, or they must detach the lamp from the machine, or they must turn the entire lamp in or relative to the supporting-bracket.

My object in this invention is to provide a construction of lamp which will enable the rider to easily and instantly throw the rays of light to either side of his course without slacking his speed or changing the direction of movement or detaching the lamp; and I accomplish this result by the construction set forth below and shown in the accompanying drawings, in which—

Figure 1 is a side elevation, partly in section, of my improved lamp. Fig. 2 is a plan of the lamp, and Fig. 3 is a section on the line 3 3 of Fig. 1.

In said drawings, A represents the body of the lamp; B, the burner; C, the reflector; D, the lens or glass, and E the chimney. The

reflector, glass, and chimney form what is usually denominated the "hood," as they surround the burner and protect the flame of the lamp from air-currents, and in this instance they are supported upon the burner in such manner as will permit them to be turned to either side at will, so as to throw the rays of light correspondingly. The preferable construction of the support is that shown, and consists of wings F F, attached to the outside of the reflector and shaped to the burner, as shown at Fig. 3, and also clamped thereto by the screw G. The hood should be frictionally held with sufficient firmness to insure its remaining in any position to which it may be adjusted by the rider. The attachment of the hood is also such as to permit its very quick and ready removal by a vertical movement, the wings slipping along and off the burner-tube when a lifting power is exerted upon the hood.

I claim—

1. A bicycle-lamp having its hood adjustably and frictionally held to the lamp, whereby the operator by simply turning the hood is enabled to throw the light to either side of his path instantly and at will, substantially as specified.

2. A bicycle-lamp having its hood swiveled upon and frictionally held to the lamp, and also removable from the lamp by a vertical lifting movement, substantially as specified.

EMIL A. PAULI.

Witnesses:

L. E. CURTIS,

H. M. MUNDAY.