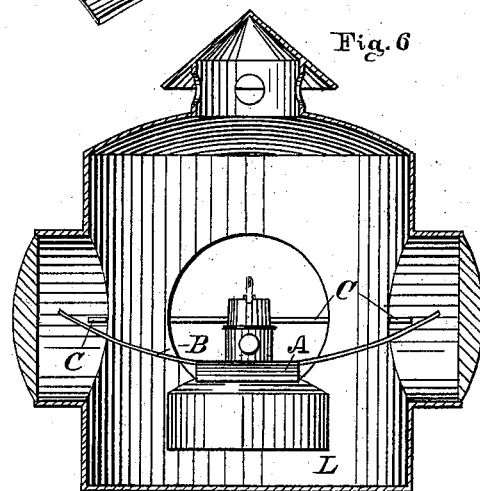
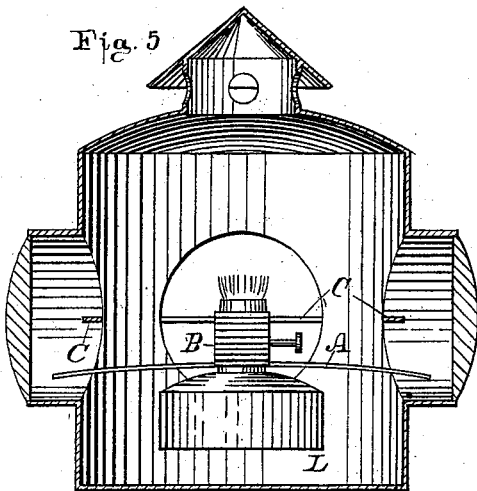
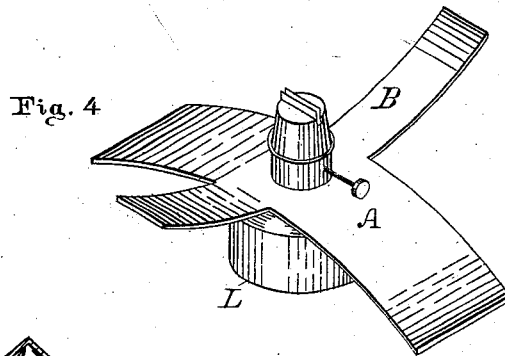
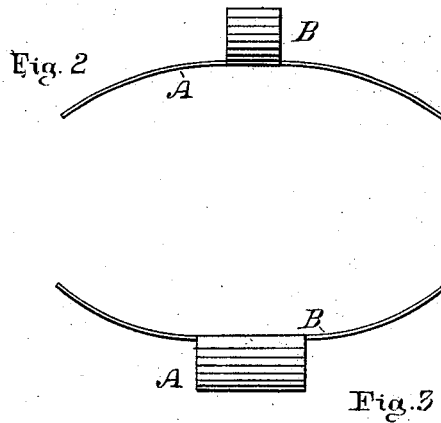
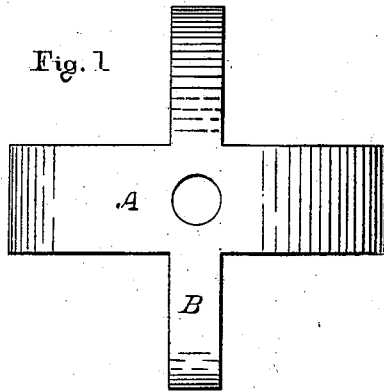


W. H. HARRISON.  
Signal-Lantern.

No. 209,678.

Patented Nov. 5, 1878.



Witnesses:

*J. W. Grinett*  
*W. W. Wilson*

Inventor:

*William H. Harrison*

# UNITED STATES PATENT OFFICE.

WILLIAM H. HARRISON, OF JAMESTOWN, NEW YORK.

## IMPROVEMENT IN SIGNAL-LANTERNS.

Specification forming part of Letters Patent No. **209,678**, dated November 5, 1878; application filed February 4, 1878.

*To all whom it may concern:*

Be it known that I, WILLIAM H. HARRISON, of Jamestown, Chautauqua county, and State of New York, have invented a certain Improvement in Railroad-Switch Lights, of which the following is a specification:

This invention is for an improvement in the adjustment of the light or lamp in the case or lantern on railroad-switches.

Heretofore the lamp has rested upon the bottom of said case or lantern, rendering it liable to be overturned or extinguished by the shock of passing trains.

The object of my invention is to provide an elastic support for the lamp which will prevent the light being displaced or extinguished by trains passing over the switch.

This invention consists, essentially, of the collar A B, (constructed of sheet-brass or other suitable elastic material,) and is shown in horizontal and vertical projection in Figures 1, 2, and 3, and as attached to the lamp L in Fig. 4, the arms A extending into and resting upon the

bottom of the two opposite eyes of the lantern, thus forming an elastic support for the lamp L, the arms A acting as a spring to absorb the shock of passing trains. In Fig. 5 the arms B, passing into the other eyes of the lantern, under the cross-pieces or stops C, placed across the eyes of the lantern, prevent the lamp being overturned, and aid in keeping it in its proper place, and also receive and absorb the upward shock from the passing trains when they strike upon the switch.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. An elastic collar having arms extending each way, in combination with the lantern and lamp L, substantially as described.

2. The stops C, in combination with the elastic collar, lantern, and lamp L, substantially as described.

WILLIAM H. HARRISON.

Witnesses:

J. C. MEREDITH,  
G. MEREDITH.