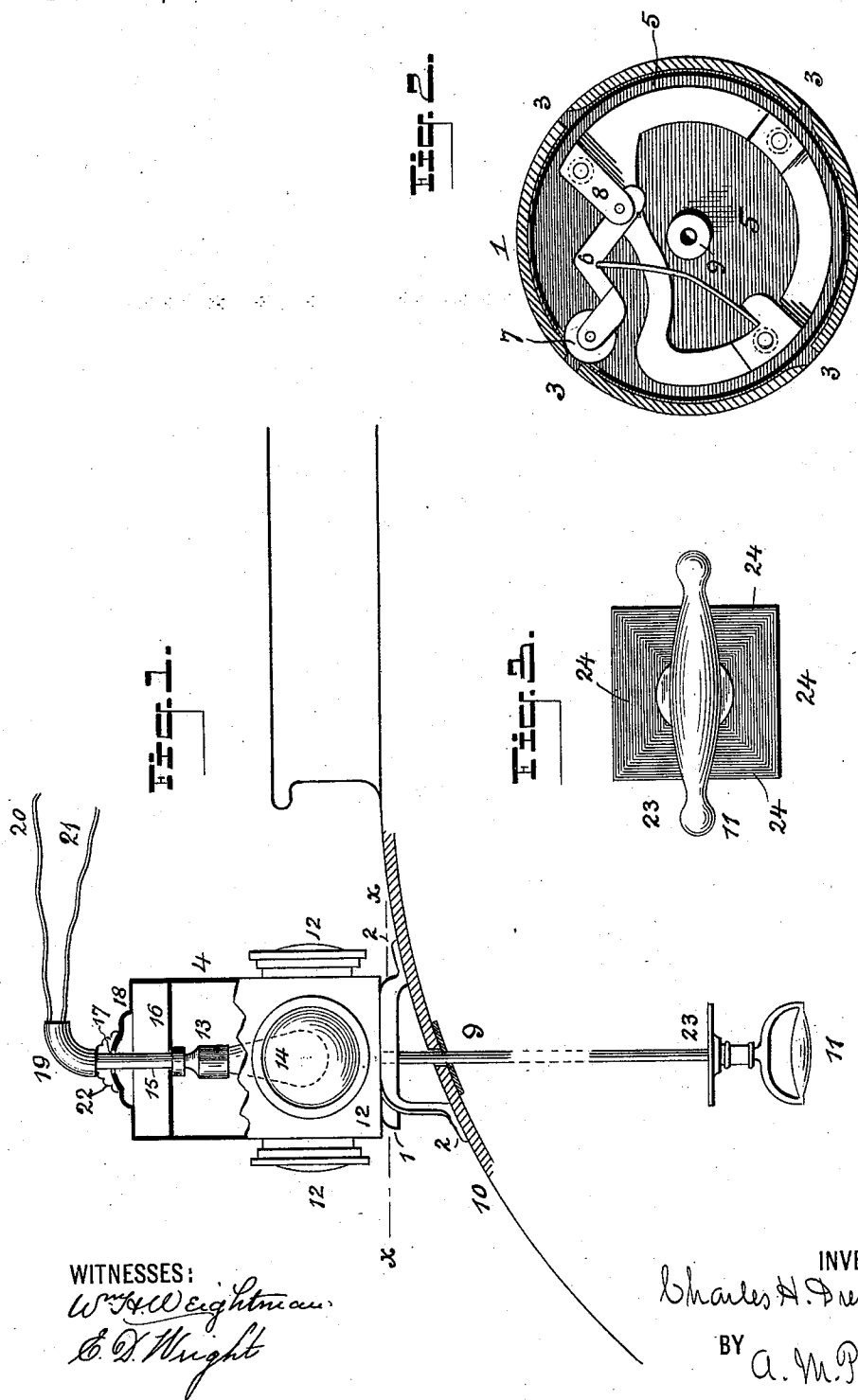


(No Model.)

C. H. DRESSEL.  
CAR SIGNALING DEVICE.

No. 570,156.

Patented Oct. 27, 1896.



WITNESSES:

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# UNITED STATES PATENT OFFICE.

CHARLES H. DRESSEL, OF NEW YORK, N. Y.

## CAR SIGNALING DEVICE.

SPECIFICATION forming part of Letters Patent No. 570,156, dated October 27, 1896.

Application filed June 20, 1895. Serial No. 553,422. (No model.)

*To all whom it may concern:*

Be it known that I, CHARLES H. DRESSEL, a citizen of the United States, and a resident of New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Revolving Deck Signal-Lamps, of which the following is a specification.

My invention relates especially to revoluble signal-lamps mounted upon the top of a car or the equivalent and arranged to be rotated from within the car, and has for its object the provision of a revoluble lamp so arranged as to indicate to the operator the color of the light or lights exposed without viewing the lamp itself, and also, when an electric lamp is used for illuminating, permitting a free revolution of the lamp-body, while the lamp-bulb and its support and electrical connections do not rotate, thus avoiding possibility of injury to the conducting-wires.

To attain the desired end, my invention consists, essentially, in certain novel and useful combinations or arrangements of parts and peculiarities of construction and operation, all of which will be hereinafter first fully described, and then pointed out in the claim.

In the accompanying drawings, forming a part hereof, Figure 1 is a view in elevation and partial vertical section of a lamp embodying my invention. Fig. 2 is an enlarged horizontal sectional view at line *x x* of Fig. 1. Fig. 3 is an enlarged bottom reversed plan view of the manipulating-handle and color-indicating device within the body of the lamp.

Similar numerals of reference wherever they occur indicate corresponding parts in all the figures.

1 is a ring provided with feet or legs 2, arranged to be secured to the roof or deck of a car or caboose. This ring is provided with notches 3, as particularly illustrated in Fig. 2.

4 is a lamp-body mounted upon a base or bottom piece 5, which fits within the fixed ring 1. Secured to the piece 5 is a spring-arm 6, bearing a roller 7, adapted and arranged to engage with the notches 3, the opposite extremity of the arm 6 being pivoted at 8. This construction and arrangement of holding device has heretofore been patented

by George C. Dressel October 9, 1894, No. 527,054.

Secured to the lamp-bottom 5 is a rod or tube 9, which passes through the top 10 of a car and terminates in a manipulating-handle 11. I have shown the lamp-body 4 as square and provided upon the sides with lenses 12; but if it is desired to use only three lenses the body of the lamp may be made triangular; but I do not confine myself to any particular shape of body or any particular number of lenses, for each may be varied as required.

13 is a socket for an incandescent lamp 14, said socket being provided with an extension 15, which passes loosely through a stay-piece 16 in the lamp-body and through a perforation 17 in the top 18. This extension is provided with an elbow 19, the extension and elbow being made hollow for the passage of the electric-light wires 20 and 21. Secured to the extension 15 is a ring or rose 22, arranged to turn freely upon the top of the lamp-body. By this arrangement no matter how far the lamp-body may be rotated the lamp-bulb and connected parts will remain fixed in a non-rotatable position, and thus the twisting or displacement of the conducting-wires is obviated.

Above the manipulating-handle 11 is an indicating-plate 23, secured in a fixed position, and bearing upon each of its sections a color 24, corresponding to the color of the lens located in the lamp-body directly thereabove. When thus arranged, the operator, by grasping the handle 11, can turn the lamp-body from within the car, and the colors upon the indicating-plate 23 will show the exact position of the color displayed by the several lenses in the lamp-body, and the requisite color may be readily presented to the rear of the train at pleasure.

Having now fully described my invention, what I claim as new therein, and desire to secure by Letters Patent, is—

A revoluble deck signal-lamp in which is comprised a fixed lamp-supporting ring provided with feet or legs; a revoluble lamp-body bearing lenses, and having a downwardly-projecting manipulating-handle; a color-indicating plate located upon said han-

dle, a non-rotatable suspended electric lamp  
within the lamp-body, a lamp-supporting ex-  
tension-piece 15 passing loosely through the  
top of the lamp-body, and a loose ring 22 in-  
5 terposed between the top of the lamp-body  
and the extension-piece 15, the whole com-  
bined, substantially as shown and described.

Signed at New York, in the county of New  
York and State of New York, this 11th day  
of May, A. D. 1895.

CHARLES H. DRESSEL.

Witnesses:

A. M. PIERCE,

F. H. PIERCE.