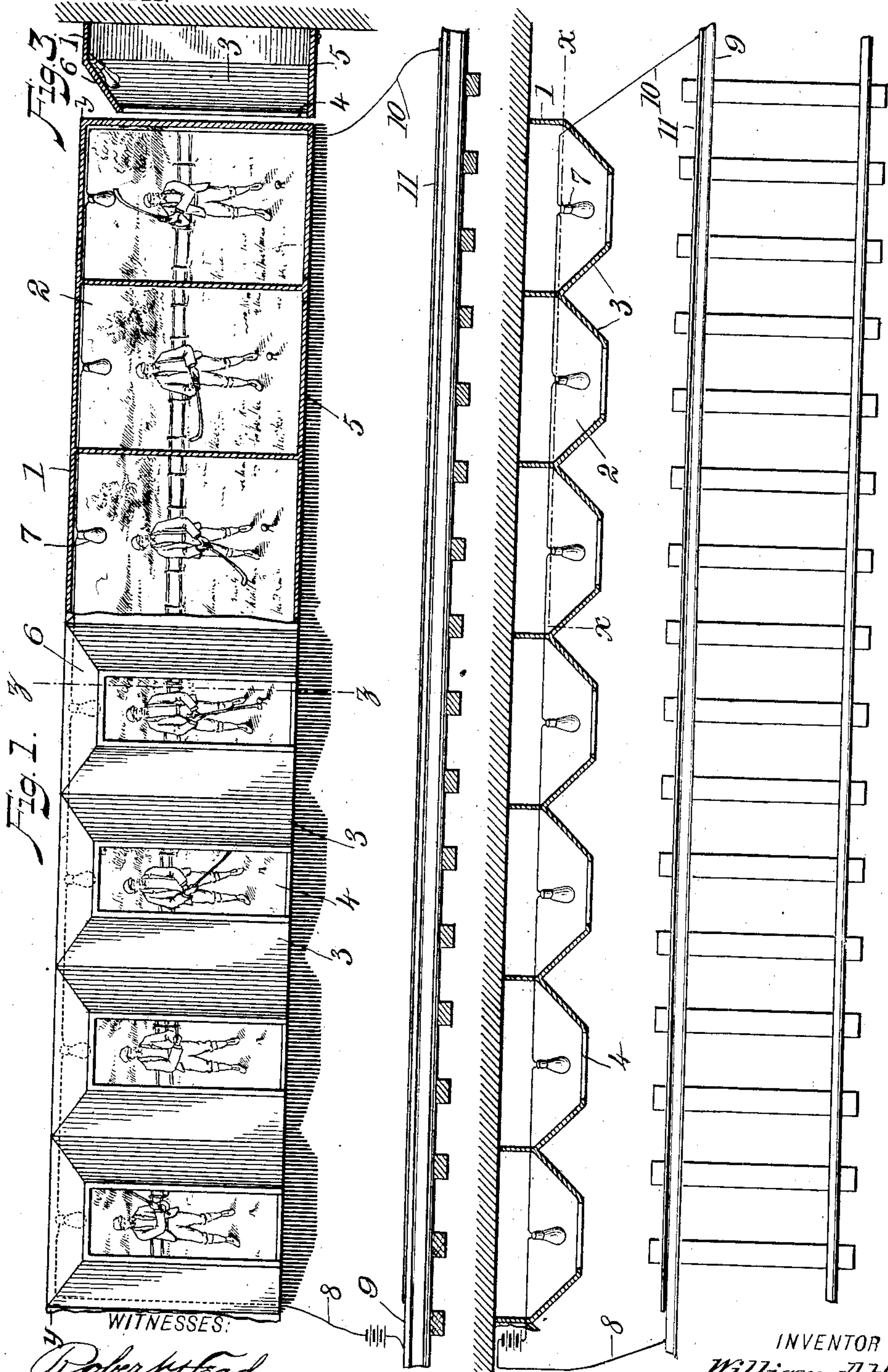


No. 742,632.

PATENTED OCT. 27, 1903.

W. A. HADDEN.  
SCENIC APPARATUS.  
APPLICATION FILED JAN. 31, 1903.

NO MODEL.



WITNESSES:  
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## UNITED STATES PATENT OFFICE.

WILLIAM A. HADDEN, OF NEW YORK, N. Y.

## SCENIC APPARATUS.

SPECIFICATION forming part of Letters Patent No. 742,632, dated October 27, 1903.

Application filed January 31, 1903. Serial No. 141,287. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM A. HADDEN, a citizen of the United States, and a resident of the city of New York, borough of Manhattan, in the county and State of New York, have invented a new and Improved Scenic Apparatus, of which the following is a full, clear, and exact description.

This invention relates to improvements in devices in which a series of pictures arranged in various attitudes gives the illusion of movement when consecutively and rapidly brought before a person's vision; and an object is to provide a device of this character in which the pictures are stationary, while the illusion of movement is given to a person or persons while passing rapidly along the series of illustrations in a railway-car, particularly in a subway or tunnel.

Another object is to provide an electric illuminating device for the pictures, the circuit of which is controlled by the passing train.

I will describe a scenic apparatus embodying my invention and then point out the novel features in the appended claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a front elevation, partly in section on the line *xx* of Fig. 2, of a scenic apparatus embodying my invention. Fig. 2 is a section on the line *yy* of Fig. 1, and Fig. 3 is a section on the line *zz* of Fig. 1.

Referring to the drawings, 1 designates a casing designed to be secured to a wall of a tunnel adjacent to a railway-track, or it may be secured to other supports when used on a surface railway. This casing is divided into a plurality of compartments 2, each compartment having side walls 3, which are inclined from the sides inward, and between the side walls is a sight-opening 4. By thus inclining the side walls only one picture arranged in a compartment will come within the vision of a person passing the device. The bottom walls 5 of the compartments are hinged, so that they may be swung downward when it is desired to change the series of pictures. The top walls 6 of the compartments are also inclined downward and forward, and arranged inward of said top walls are illuminating devices, here shown as electric incandescent

lamps 7, connected in series. One terminal of the electric lamps here shown has a terminal 8, which is connected to one of the track-rails 9, and the other terminal 10 is attached to a metal plate 11, extended along the track, so that the wheel or wheels of a car will close the circuit by the tread engaging with the track and with the plate 11.

As before stated, the casing 1 will be secured adjacent to a railway-track between stations, and therefore the passengers carried by the train will see the pictures one at a time and in consecutive order, and as the pictures are in various attitudes the illusion of movement will be given.

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

1. In a scenic apparatus, a casing divided into compartments, each compartment having inclined side walls, pictures arranged in the compartments, illuminating devices in the compartments, and means operated by a passing car or train for controlling the illuminating devices.

2. In a scenic apparatus, a fixed casing divided into a plurality of compartments, each compartment having inclined side walls, a series of pictures in the compartments, the said pictures being of the same character, but consecutively in different attitudes, inclined top walls for the compartments, and illuminating devices underneath the said top walls.

3. In a scenic apparatus, a fixed casing adjacent to a railway-track, the said casing being divided into a plurality of compartments, illustrations in the compartments, means for screening the illustration of one compartment from the illustration of another compartment, electric lamps in the compartments and connected in series, one terminal of the electric circuit being connected to a railway-track and a contact-plate adjacent to the railway-track and having connection with the other terminal.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

WILLIAM A. HADDEN.

Witnesses:

JNO. M. RITTER,  
C. R. FERGUSON.