

No. 734,093.

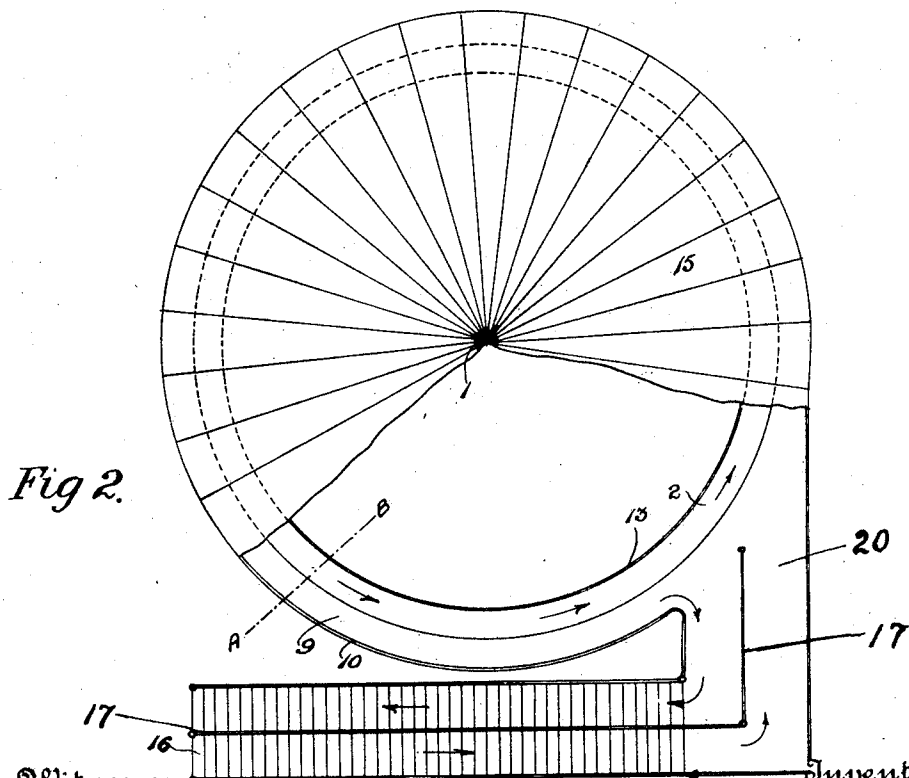
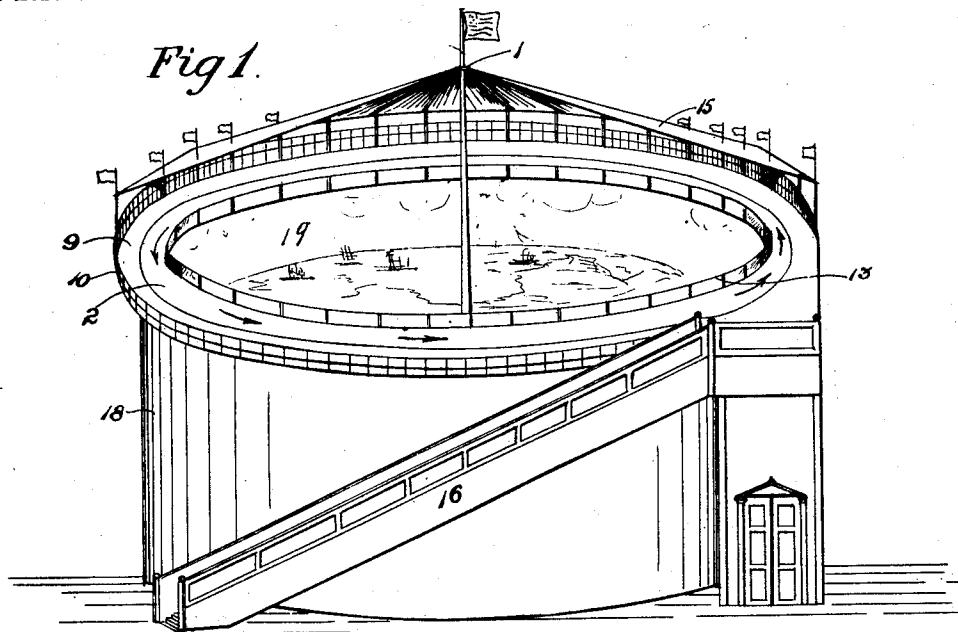
PATENTED JULY 21, 1903.

J. W. RENO.  
CYCLORAMA.

APPLICATION FILED MAR. 20, 1902.

NO MODEL.

2 SHEETS—SHEET 1.



Witnesses

*William H. Whiffeld*  
*Ella Tuck*

By

*his Attorney*

Inventor

*John W. Reno*  
*Chas. H. Hall*

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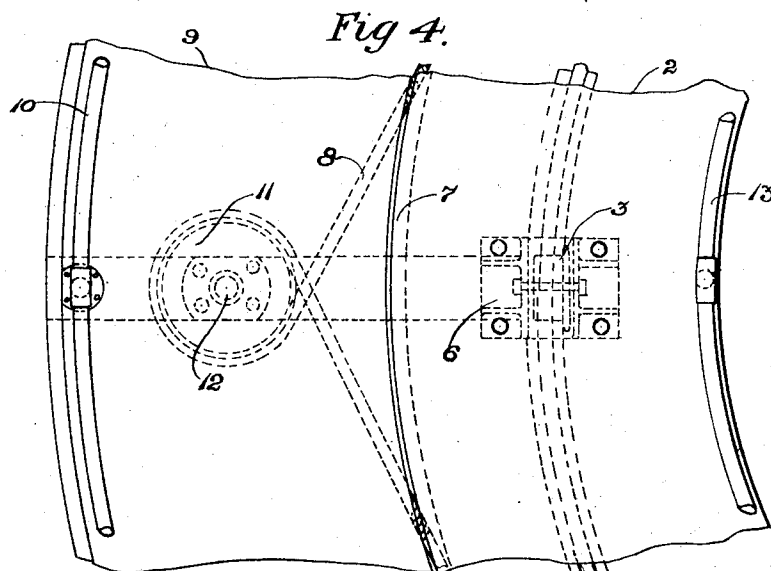
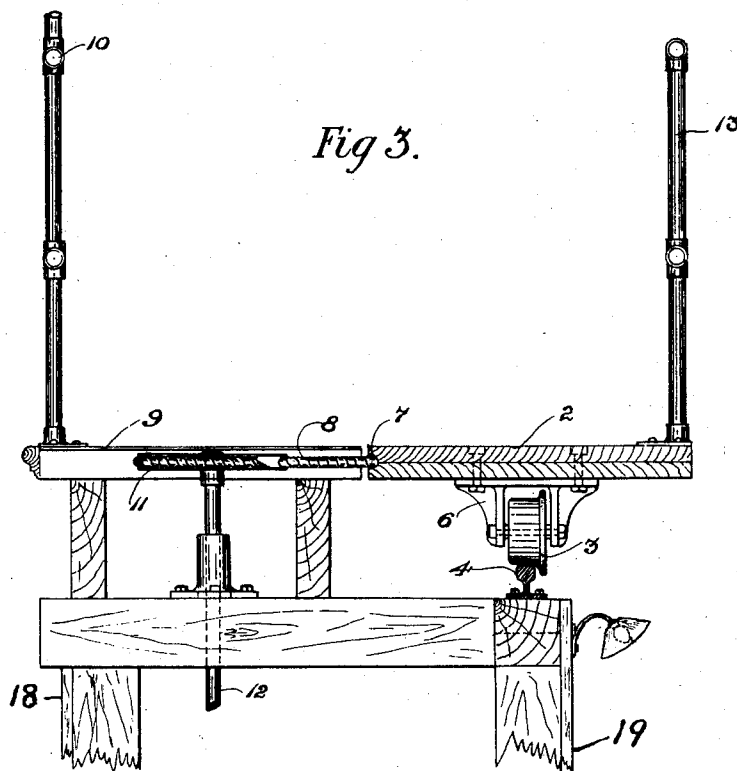
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2 SHEETS—SHEET 2.



Witnesses  
*Wm H. White*  
*Edna Tuck*

Inventor  
*J. W. Reno*  
By *his Attorney* *Edna Tuck*

# UNITED STATES PATENT OFFICE.

JESSE W. RENO, OF NEW YORK, N. Y.

## CYCLORAMA.

SPECIFICATION forming part of Letters Patent No. 734,093, dated July 21, 1903.

Application filed March 20, 1902. Serial No. 99,066. (No model.)

*To all whom it may concern:*

Be it known that I, JESSE W. RENO, a citizen of the United States of America, and a resident of the city, county, and State of New York, have invented certain new and useful Improvements in Cycloramas, of which the following is a specification.

My invention relates to improvements in cycloramas in which a circular panorama or continuous painting is arranged on the interior of a cylindrical surface representing a tract of country, battle-field, or the like, appearing as in natural perspective.

The object of my invention is to produce a cyclorama of this class which shall afford greater room and more convenient facilities for spectators and require less extensive panorama in proportion to the number of spectators it can accommodate than those heretofore in use.

My invention consists in arranging a cylindrical wall the interior surface of which is adapted to receive a panorama or continuous painting or decoration, in arranging a platform for spectators around the upper edge of the cylindrical wall, in providing means for causing said platform to travel around said cylindrical wall, and in other novel features and constructions to be hereinafter more fully described.

In the drawings accompanying and forming part of this specification, Figure 1 is a perspective view of my improved cyclorama, in which part of the roof or covering has been removed to more clearly show the interior. Fig. 2 is a plan. Fig. 3 is a transverse section on line A B of Fig. 2, on an enlarged scale, showing the construction of the movable and fixed platforms. Fig. 4 is a partial plan of Fig. 3.

The reference characters are used in the same sense in all of the figures and the specification.

N numeral 1 represents a pole located in the center of the cyclorama for the purpose of supporting the center of the roof or covering, which, as here shown, consists of canvas or other similar material, (represented by numeral 15.) The center pole may of course be dispensed with and another form of roof sub-

stituted which does not require a center column or pole.

2 represents a platform which is circular in form and extends completely around the cyclorama. This platform is adapted to move around upon the track 4.

3 represents wheels journaled in the bearing 6, which are secured to the under side of the movable platform 2.

7 represents a groove in the outer periphery of the platform 2, which is adapted to receive the rope 8, the rope 8 passing completely around the movable platform 2 and around the sheave 11, as shown in Figs. 3 and 4, for the purpose of transmitting motion from the sheave 11, which is fixed to the vertical shaft 12, to the platform.

9 represents a fixed or stationary platform, which surrounds the movable platform 2. The fixed platform is provided at its outer periphery with the rail 10, and the inner platform is provided at its inner periphery with the hand-rail 13.

16 represents a flight of stairs leading from the ground or street surface to the level of the fixed and movable platforms.

17 represents a rail dividing the stairway into two portions, one for ascending and the other for descending. The rail 17 is continued to the landing 20, where it serves to divide persons leaving the cyclorama from those who are just about to enter.

18 represents the exterior cylindrical wall forming part of the supporting structure for the fixed and movable platforms, and 19 represents the interior cylindrical wall upon which the panorama is placed.

It will be seen that by means of my improved construction the interior of the cyclorama, which is usually occupied by a platform for spectators, may here be left entirely free and clear, thus making it possible to use the entire inner space on the floor of the cyclorama for purposes of decoration and the like. It is also obvious that for a given size or length of panorama the spectators of my cyclorama view the panorama from a greater distance and that the available space for spectators on the platforms 2 and 9 is very much greater than is the case where the spectators'

platform is placed in the center. The movable platform is given a continuous motion at low speed, such that spectators may easily step to and from the stationary platform. 5 When the movable platform is used, the spectators may without effort or exertion be carried completely around the cyclorama, obtaining a view of every portion thereof, or they may at any point step from the movable platform to the stationary and remain there at 10 pleasure. It is also apparent from the arrangement of the stairs 16 and the dividing-rail 17 that the continuous line of spectators may be accommodated, each getting a complete view of the panorama without confusion 15 or interference with each other.

Having thus described my invention, what I claim is—

1. In a cyclorama the combination with the 20 cylindrical picture-wall, of a movable horizontal platform extending around and above the upper edge thereof.
2. In a cyclorama the combination with

the cylindrical picture-wall, of movable and stationary horizontal platforms extending 25 around and above the upper edge thereof.

3. In a cyclorama the combination with the cylindrical picture-wall, of a movable horizontal platform extending around the upper 30 edge thereof, and a stationary platform extending around said movable platform.

4. In a cyclorama the combination with the vertical cylindrical picture-wall, of an annular platform extending around the upper edge 35 of said picture-wall, wheels secured to the lower side of said annular platform, a circular track for said wheels and means for causing said annular platform to revolve.

In testimony whereof I have signed my name to this specification in the presence of 40 two subscribing witnesses.

JESSE W. RENO.

Witnesses:

EDWIN N. WHITFIELD,  
ELLA TUCH.