

F. F. LE ROY.

SCENIC CURTAIN.

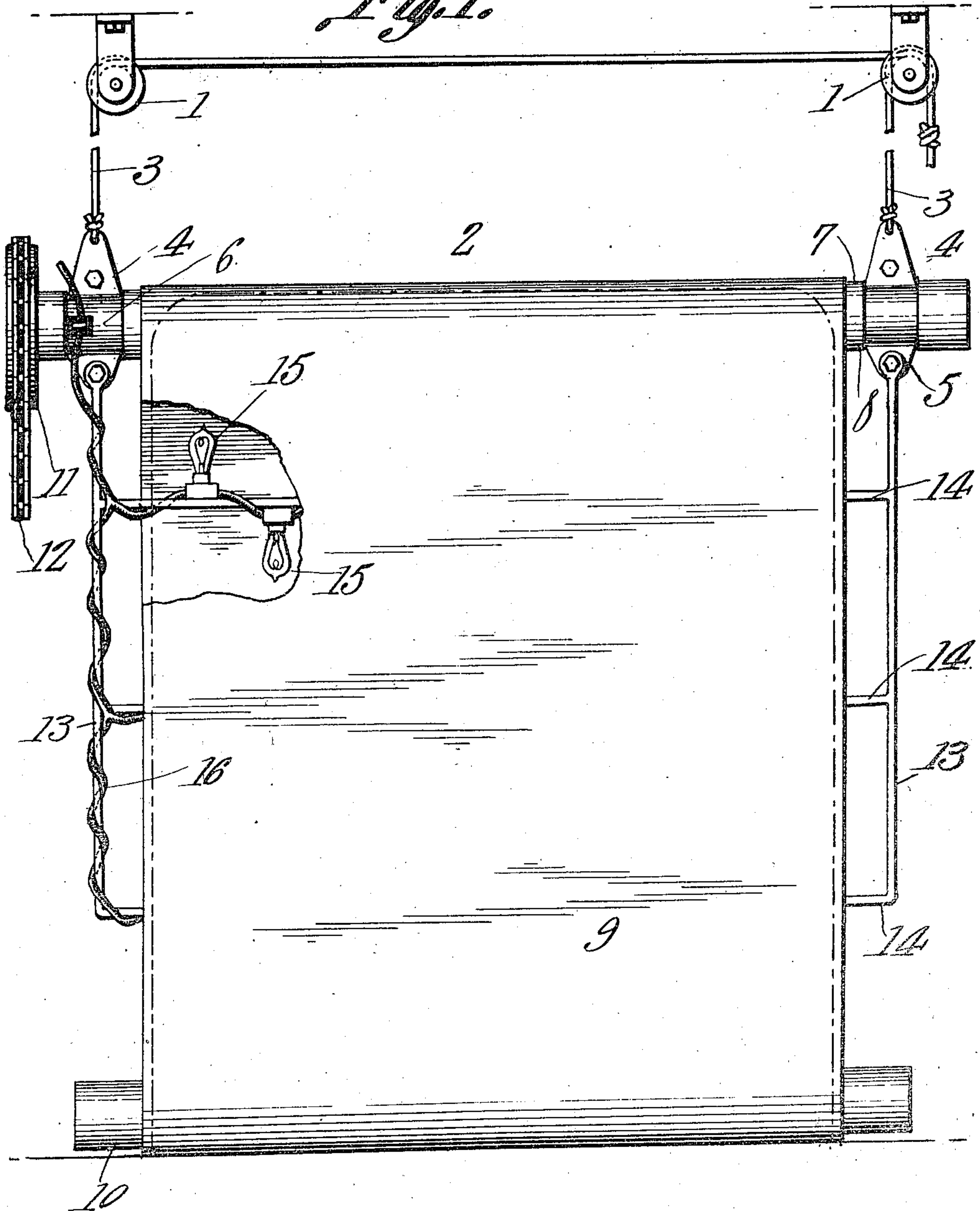
APPLICATION FILED MAY 28, 1910.

Patented Nov. 15, 1910.

2 SHEETS—SHEET 1.

975,773.

Fig. 1.



Witnesses

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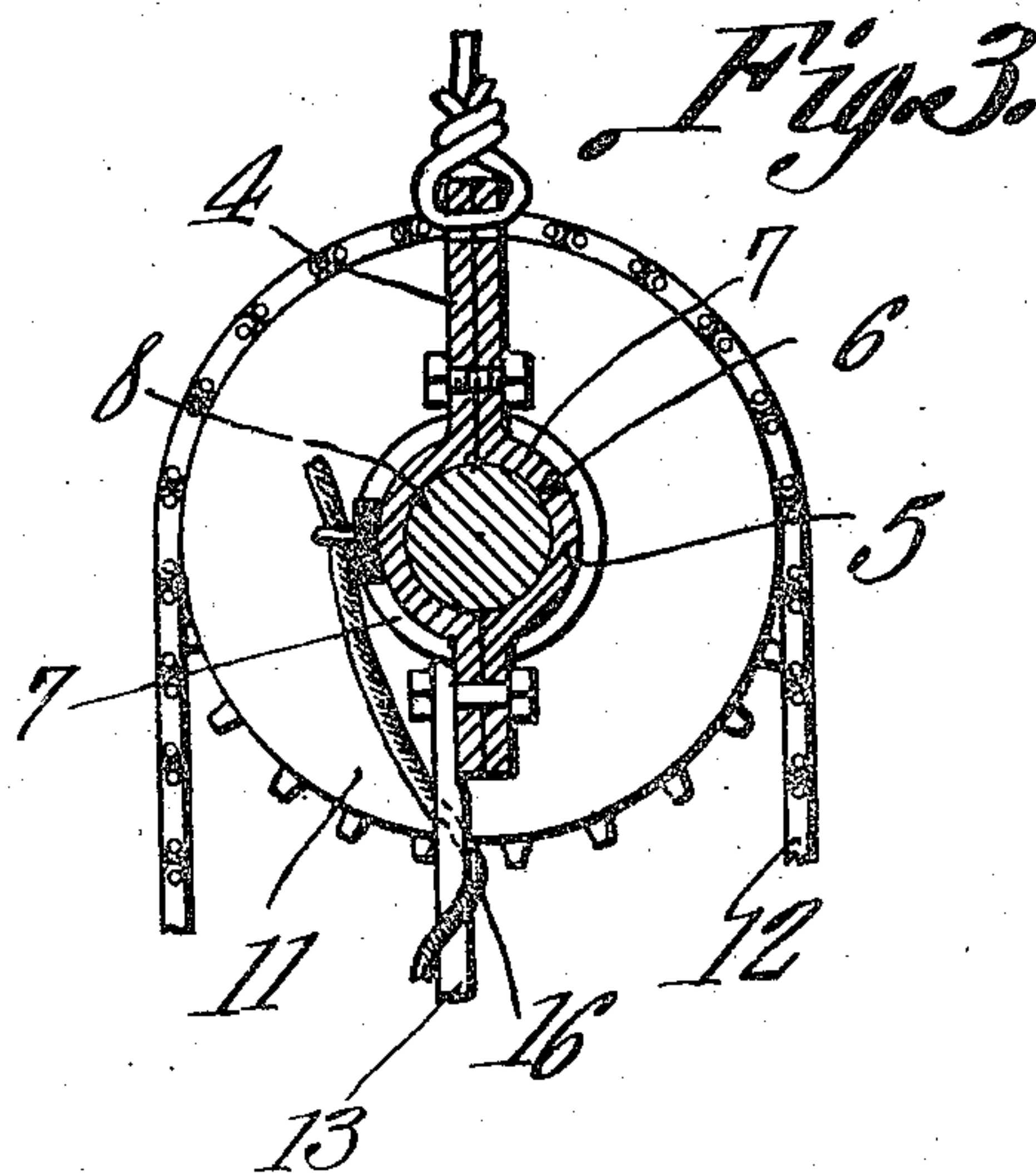
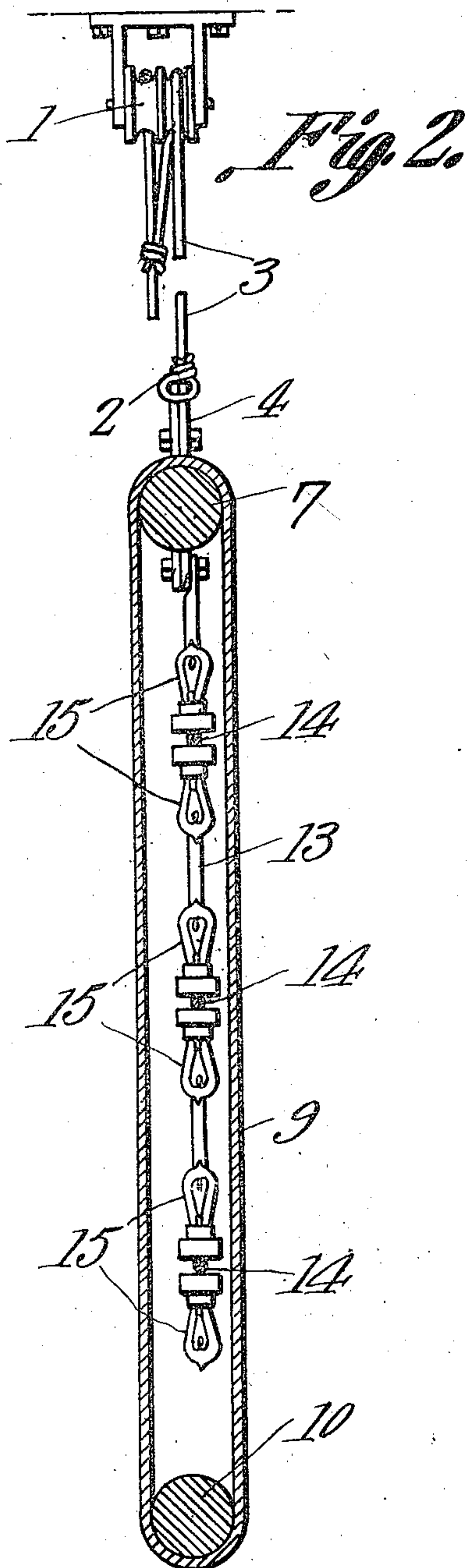
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SCENIC CURTAIN.

APPLICATION FILED MAY 28, 1910.

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2 SHEETS—SHEET 2.

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Witnesses

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UNITED STATES PATENT OFFICE.

FERDINAND FAUNT LE ROY, OF HOQUIAM, WASHINGTON.

SCENIC CURTAIN.

975,773.

Specification of Letters Patent.

Patented Nov. 15, 1910.

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To all whom it may concern:

Be it known that I, FERDINAND FAUNT LE ROY, a citizen of the United States, residing at Hoquiam, in the county of Chehalis and State of Washington, have invented a new and useful Scenic Curtain, of which the following is a specification.

This invention relates to scenic curtains for theaters and other purposes and it consists in the novel construction and arrangement of its parts as hereinafter shown and described.

The object of the invention is to provide a curtain in the form of an endless web mounted upon a supporting pole and having a pole resting in its lower return bend and adapted to keep the curtain stretched. Means is provided for raising and lowering the upper pole and means is provided for rotating the upper pole. Any desired scenes may be applied to the exposed sides of the curtain and lights are located between the inner and outer runs of the curtain and when illuminated may shine through transparent or thin places upon the scene to animate the same.

In the accompanying drawings;—Figure 1 is a side view of the curtain with parts broken away. Fig. 2 is a vertical transverse sectional view of the curtain. Fig. 3 is an enlarged transverse sectional view through a bearing provided at the supporting pole of the curtain.

As illustrated in Fig. 1 of the drawings pulleys 1 are journaled above the top of a proscenium arch 2 and cables 3 pass over said pulleys. Bearings 4 are connected to the lower ends of the cables 3 and these bearings consist of two plates 5 bolted together and each of said plates having a half bearing surface 6. A supporting pole 7 is provided at points in the vicinity of its ends with reduced sections 8 which are journaled in the bearing surfaces of the bearings 4. An endless curtain 9 is mounted upon the intermediate portion of the supporting pole 7 and hangs pendent therefrom. A stretching pole 10 is loosely mounted in the lower return bend of the curtain 9 and is adapted to keep the inner and outer runs of the said curtain taut. A sprocket wheel 11 is fixed to one end of the supporting pole 7 and may be rotated through the instrumentality of a sprocket chain 12 or other means may be provided for rotating the supporting pole 7. Arms 13 depend from the bearings 4 and battens are secured at their ends to the arms

13 and extend from one edge of the curtain to the other between the inner and outer runs of the same. Electric light bulbs 15 are mounted upon the battens 14 and current wires 16 are operatively connected to the said bulbs and extend along the arms 13 and battens 14 from the bearings 4. The said wires 16 may be connected with any source of electrical supply.

In view of the above description it will be seen that by manipulating the cables 3 the curtain 9 may be raised or lowered and as the curtain rises or falls the runs of the said curtain may be passed over the axis of the supporting pole 7 and thus may have the appearance of moving in a direction the opposite from that in which it is actually moving or other mysterious effects may be produced. By providing means for illuminating the scenes upon the curtain an animating effect is produced and by varying the colors of the bulbs 15 peculiar combinations in the coloring of the scenes may be effected. At the same time the curtain may be readily applied to an ordinary arch as the structure is such as to avoid the necessity of especially constructed guiding frames or other appliances. In view of the fact that the pole 7 is journaled in the bearings 4 at the reduced sections of the said pole, the projecting portions of the pole 7 of greater diameter may roll or move against the sides of arch and thus hold the curtain 9 in proper relation to the arch.

Having described the invention what I claim as new and desire to secure by Letters Patent is:—

A curtain structure comprising a supporting pole having sections of reduced diameter, an endless curtain mounted upon said pole, bearings receiving the reduced sections of the pole, means for rotating the pole in said bearings, hoisting cables attached to the said bearings, battens located between the inner and outer runs of the curtain and supported from said bearings, light fixtures mounted upon the battens, and current wires extending from the bearings to said light fixtures.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

FERDINAND FAUNT LE ROY.

Witnesses:

A. S. HODGDON,

B. N. BLACKSTONE.