

No. 849,388.

PATENTED APR. 9, 1907.

H. M. HARDING.
TRACK FOR TELPHERS.

APPLICATION FILED MAR. 4, 1903. RENEWED MAY 23, 1905.

2 SHEETS—SHEET 1.

Fig. 1

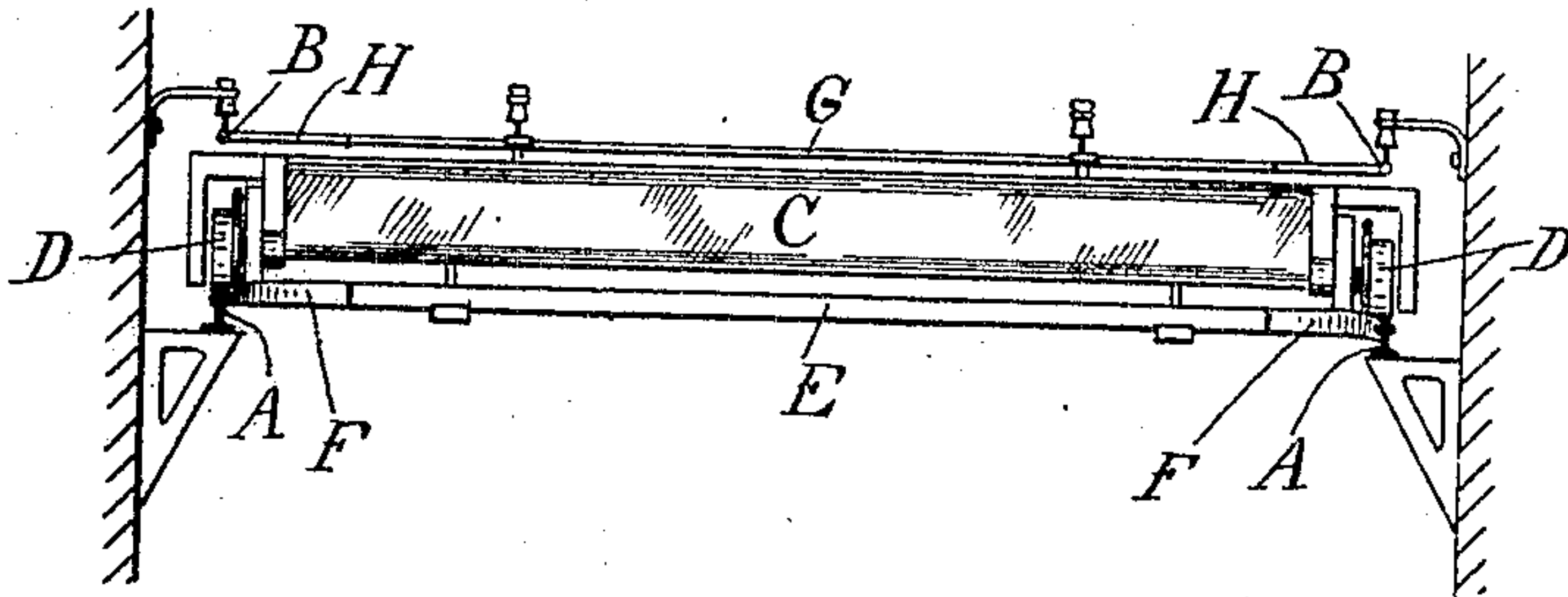


Fig. 3

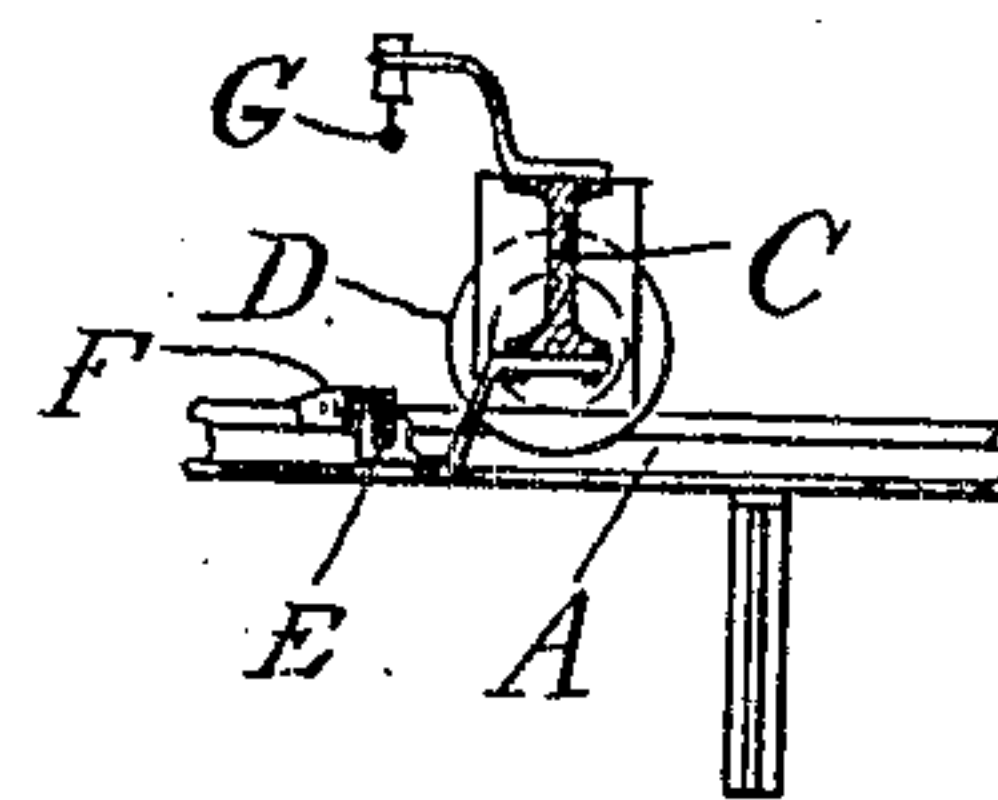


Fig. 2

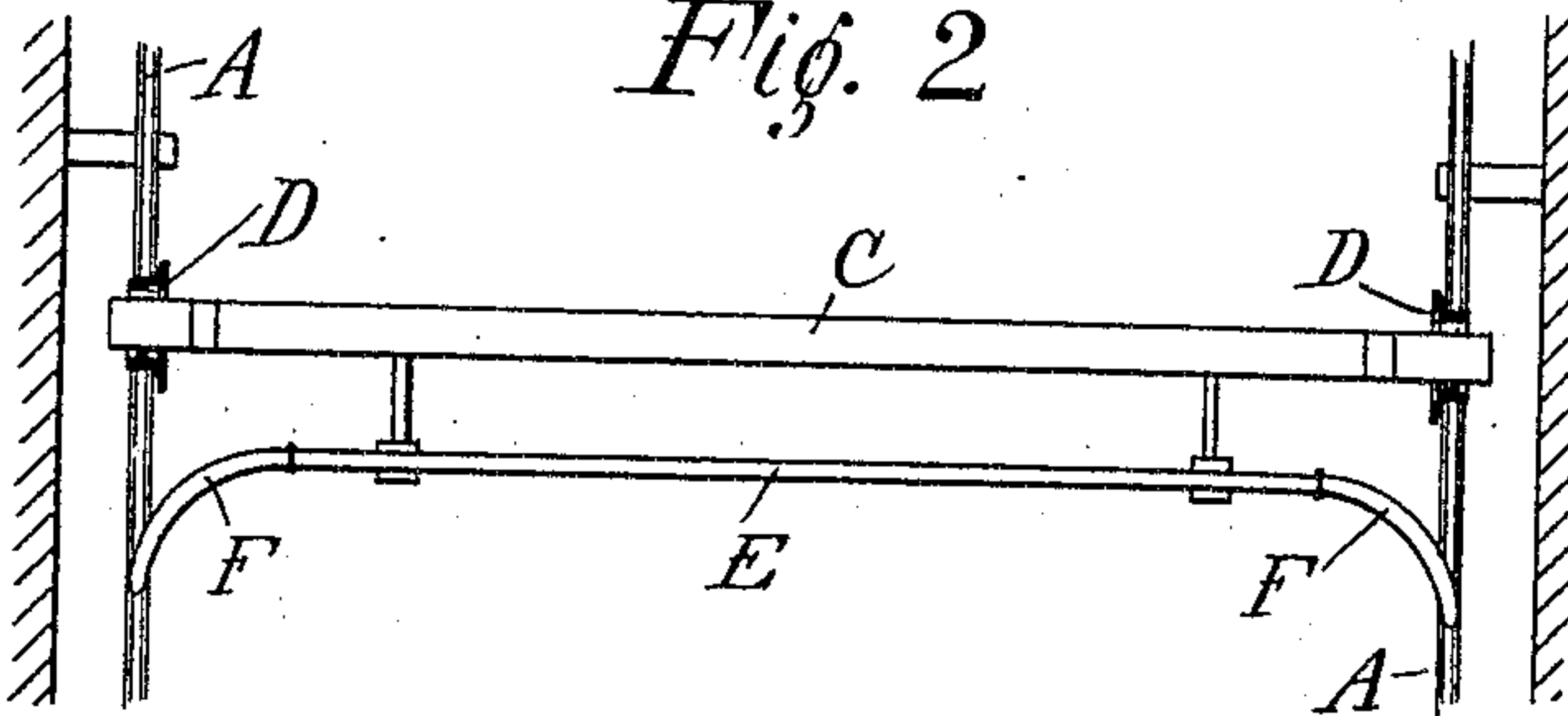


Fig. 5

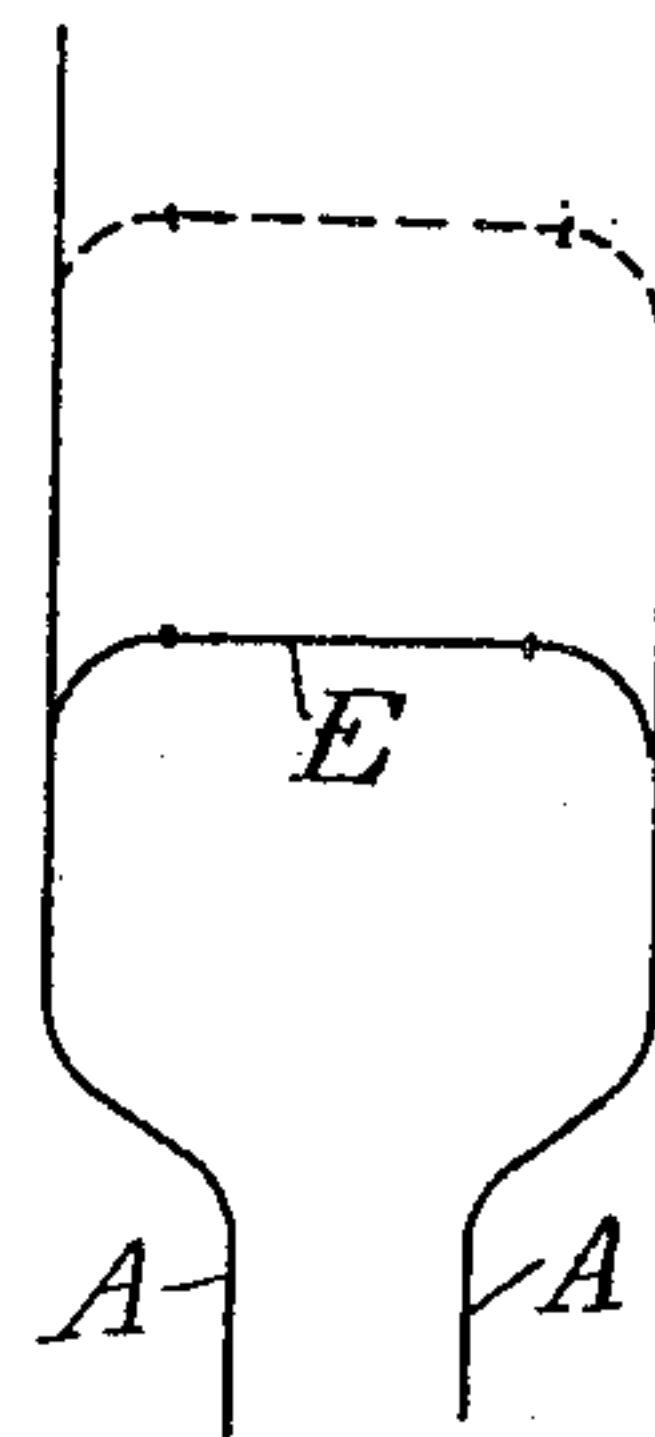


Fig. 4

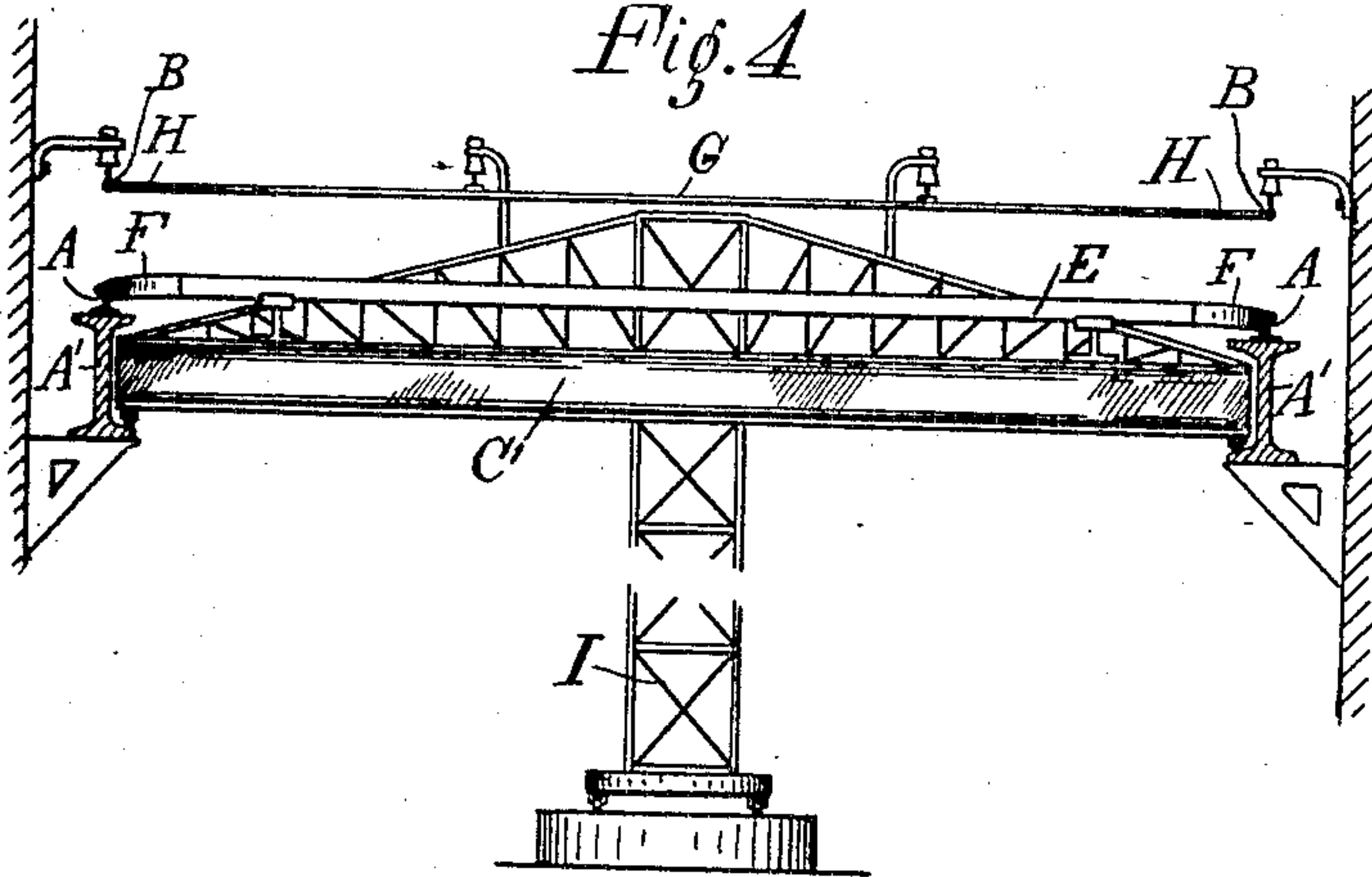


Fig. 6

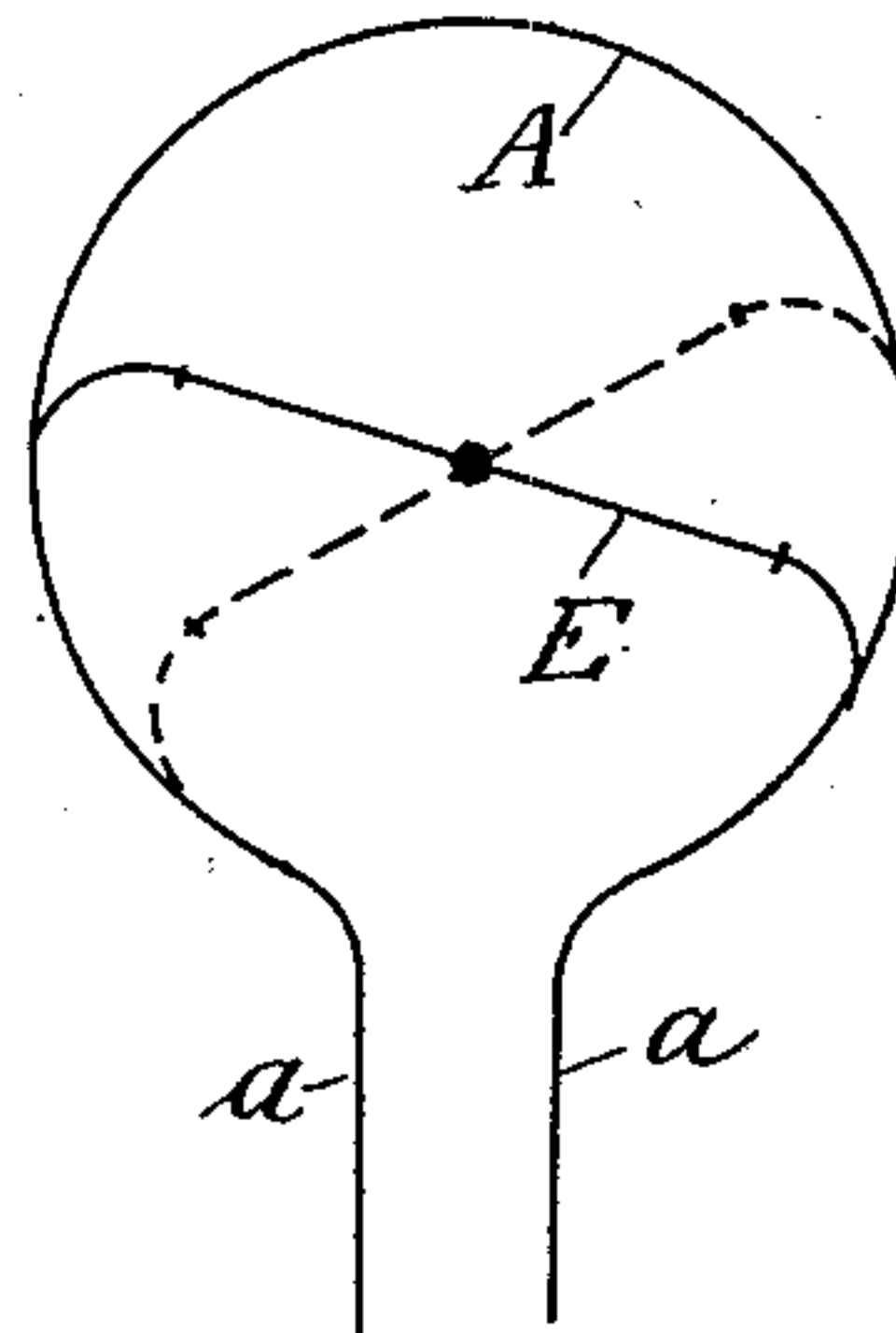
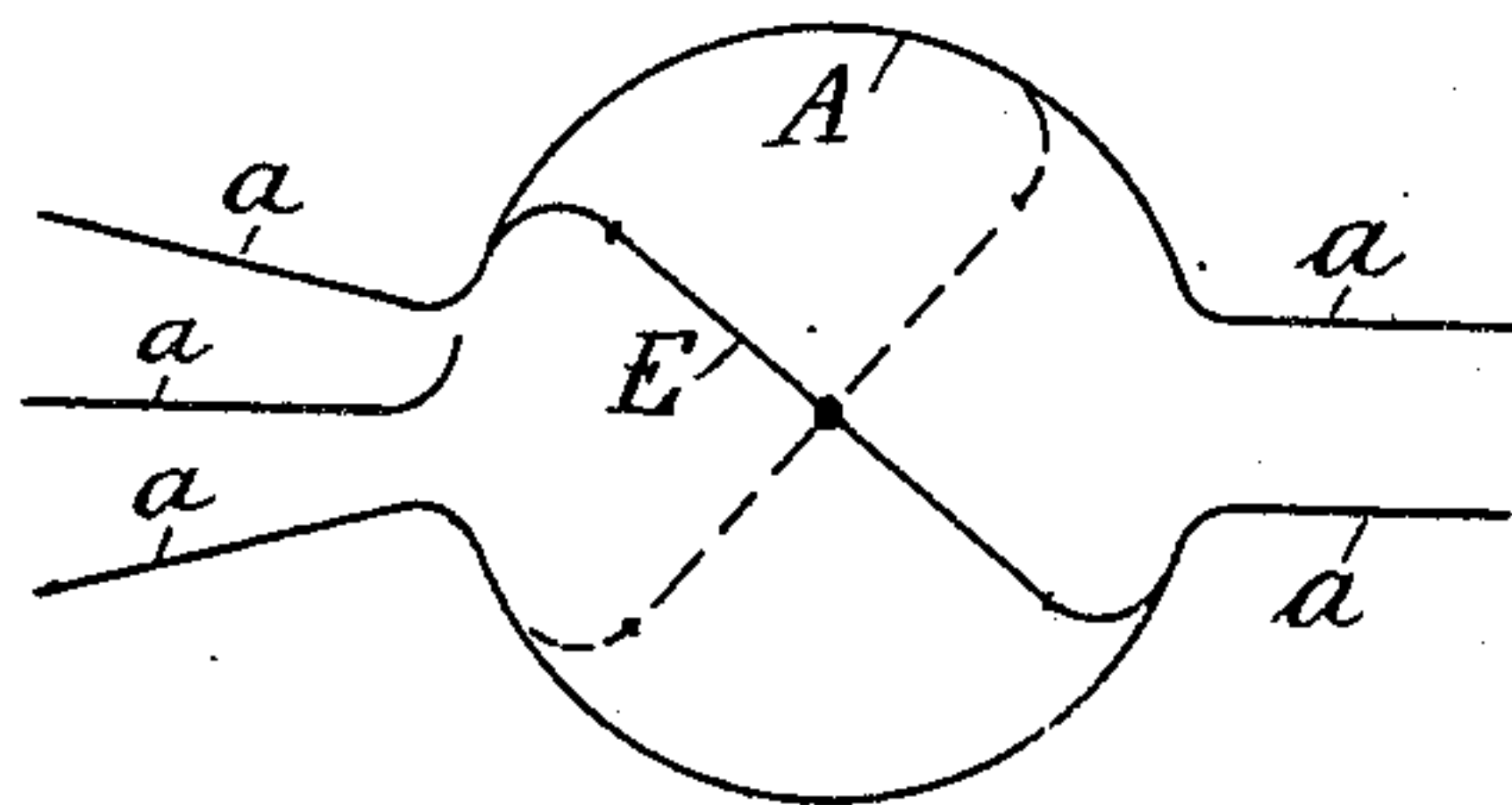


Fig. 7



Witnesses
Stalls Vinton
Louis N. Whealton

Inventor
Henry M. Harding
By his Attorneys
Seymour Seymour & Harmon

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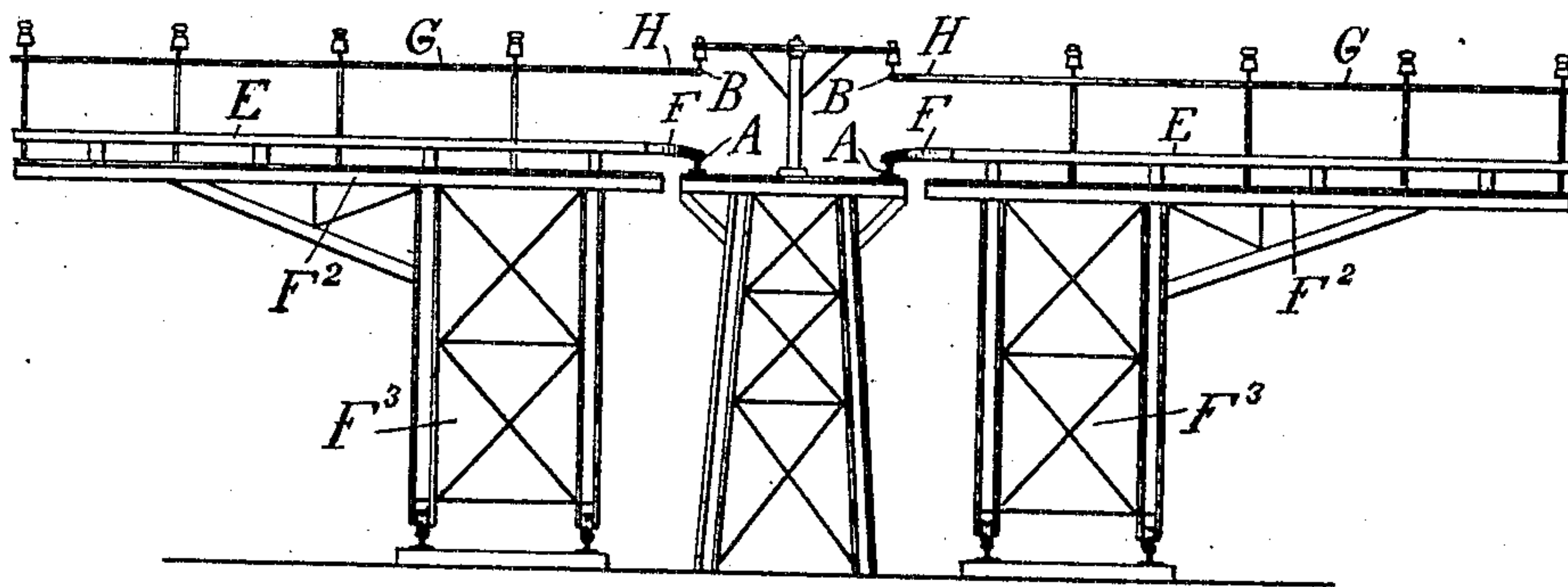
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2 SHEETS—SHEET 2.

Fig. 8



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UNITED STATES PATENT OFFICE.

HENRY M. HARDING, OF NEW YORK, N. Y.

TRACK FOR TELPHERS.

No. 849,388.

Specification of Letters Patent.

Patented April 9, 1907.

Application filed March 4, 1903. Renewed May 23, 1905. Serial No. 261,853.

To all whom it may concern:

Be it known that I, HENRY M. HARDING, a citizen of the United States, and a resident of the city, county, and State of New York, have invented certain new and useful Improvements in Tracks for Telpers, of which the following is a specification.

My invention relates to tracks for that type of overhead-carriers known as "telpers."

In the drawings of this specification, Figure 1 is an elevation showing the invention. Fig. 2 is a plan of the same. Fig. 3 is a sectional elevation. Fig. 4 is an elevation showing a different form of the invention. Figs. 5, 6, and 7 are diagrams illustrating forms of the invention. Fig. 8 is an elevation showing one form of the invention.

Referring to Figs. 1, 2, and 3, A represents the track, supported in any suitable manner, on which the telper travels.

B represents the electric conductor, by which the current is carried.

C is a beam or support which travels on the tracks A, being provided with wheels D, bearing on said tracks. Supported on this beam or support C is a section of track E, having at each end switches F, of any well-known form, by which the section of track E may be connected to the main track A. Carried also by the support C is a section of conductor G, having at each end switches H, which are in contact with the conductors B. The switch F, as stated, may be of any construction which will enable the telper traveling on the main track to be transferred to the section of track E, supported by the beam or support. It will be seen from this that in a given space any portion of that space may be reached by the telper, either to discharge or take up material to be carried by simply moving the beam or support C along the main tracks, as the telper when it reaches one of the switches F will leave the main track and be transferred to the section of track E supported by the beam C.

In Fig. 5 is illustrated the adaptability of such construction to cover a space larger than that inclosed by the main tracks. The main tracks A in such diagram are widened or expanded, as clearly illustrated, so that merchandise or material to be carried may be handled readily both as to storage or as to conveyance from the storage-space.

In Fig. 4 I have illustrated another form of my invention. In this case the beam or sup-

port C' is in the form of a truss and is supported centrally from a framework or other structure I, which forms a pivot for the beam, as clearly indicated. The beam or support C' carries the track E, provided with the switches F, as heretofore described. In such structures the track is usually carried by an I-beam A', and the truss-frame is so constructed that the girder thereof rests upon the flange of the I-beam to prevent tilting of the structure as the telper moves from one end to the other. The application of this form of the invention is clearly illustrated in Figs. 6 and 7. Here the main track is substantially circular in form covering the space for storage or from which goods are to be transported. *a a* represent branches. It will be seen from this construction that the substance to be conveyed may be stored in or taken away from any part of the space inclosed by the substantially circular track, and by moving the truss C' around its center the telper may be caused to run on any of the branch tracks desired.

In Fig. 8 the main tracks A are supported in any suitable manner. The branch tracks E are supported on a truss F², which in turn is carried by a traveling framework F³, supported in any suitable manner adapted to be moved along the track, so that the telper conveying material along the main tracks A may be transported to the side at any point along the line.

I claim—

1. The combination with a substantially circular track of a support pivoted in the center of the space inclosed by the track, a section of track carried by said support, branches from the space inclosed by the circular track, and means for connecting the section on the support with the circular and branch tracks, substantially as described.

2. The combination with a substantially circular track of a support pivoted in the center of the space inclosed by the track, a section of track carried by said support and having switches to connect to the circular track, substantially as described.

In witness whereof I have hereunto set my hand, at the city, county, and State of New York, this 27th day of February, 1903.

HENRY M. HARDING.

In presence of—

E. M. HARMON,
JOHN J. RANAGAN.