

(No Model.)

A. AYRES.

TURN TABLE.

No. 360,791.

Patented Apr. 5, 1887.

Fig. 1.

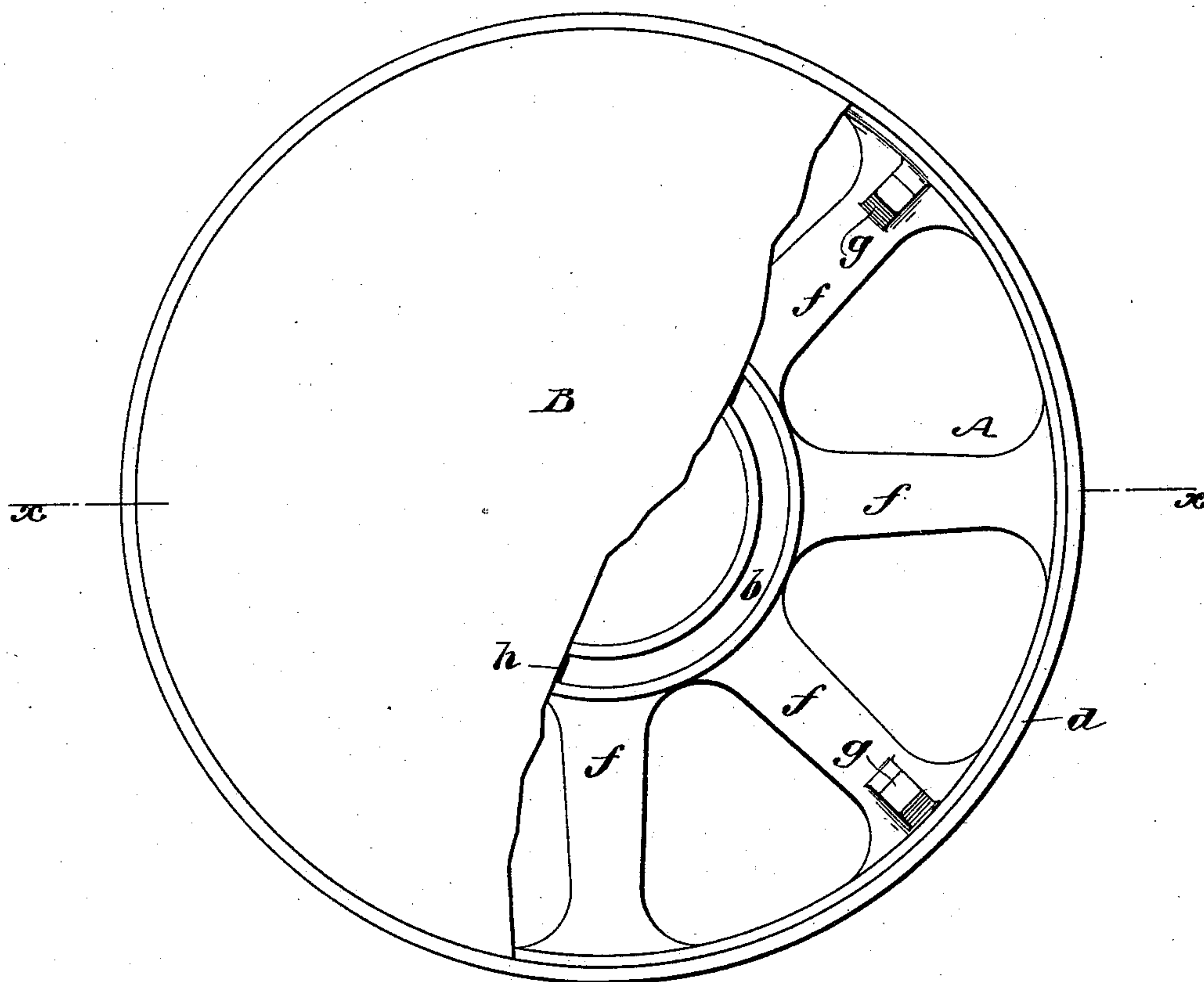
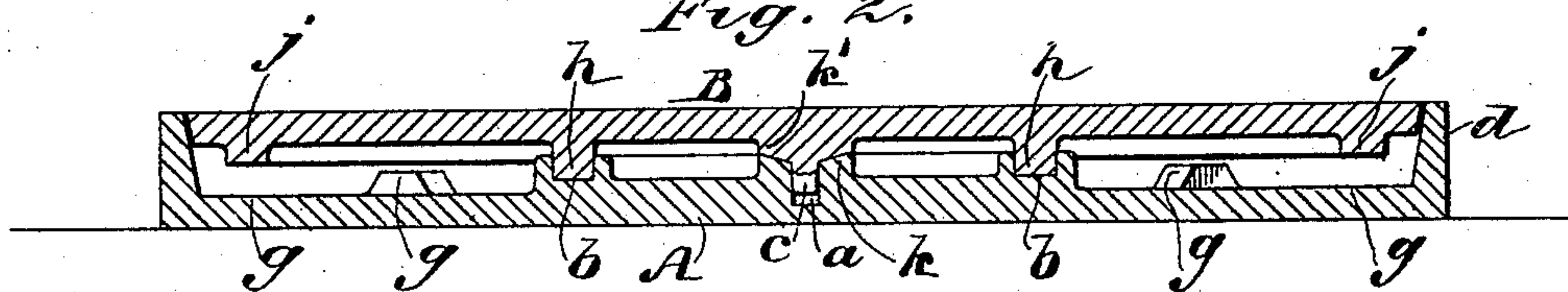


Fig. 2.



WITNESSES:

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TURN-TABLE.

SPECIFICATION forming part of Letters Patent No. 360,791, dated April 5, 1887.

Application filed November 11, 1886. Serial No. 218,522. (No model.)

To all whom it may concern:

Be it known that I, ABRAHAM AYRES, of the city, county, and State of New York, have invented a new and Improved Turn-Table, of which the following is a full, clear, and exact description.

The object of my invention is to facilitate the turning of street-cars at the ends of the route; and the invention consists of the special construction of the turn-table, as hereinafter described and claimed.

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

Figure 1 is a plan view of a turn-table with a part of the revolving plate broken away, and Fig. 2 is a sectional elevation taken on the line *xx* of Fig. 1.

A represents the circular foundation-casting, and B represents the revolving plate or table. The casting A is formed with the central socket, *a*, the circular grooved track *b*, the concentric curb *d*, the radial arms *f*, and the studs *g*, formed at the outer ends of the arms *f* near the curb *d*. The plate B fits within the curb *d*, and is formed in the center with the pivot or boss *c*, which enters the socket *a* of the foundation-casting, as shown in Fig. 2. It is also formed with the circular rib *h*, which runs in the grooved track *b*, and with the outer concentric strengthening-rib, *j*, which stands

in line with the studs *g*, so that it will impinge upon the studs if the table be tipped to either side. Normally the plate B will rest in the track or groove *b*, so there will be no friction from contact with the studs *g*, and this track, being near the center of the plate, gives a large leverage when the car is turned, and permits it to be turned with comparative ease; but in case any heavy truck or other weight should run upon the edge of the table, the studs *g* will prevent the table from tipping too far and obviate all danger of displacement.

Surrounding the central socket, *a*, is formed the elevated and slightly concaved seat *k*, in which a conical boss, *k'*, on the under surface of the plate B fits, as shown in Fig. 2, which facilitates the centering and proper balancing of the table, and also tends to prevent displacement of the same.

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

The arms *f* of the foundation-casting, formed with studs *g* of less height than the circular track *b*, in combination with the plate B, having the circular flange *h* to enter the circular grooved track *b*, substantially as described.

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Witnesses:

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