

B. McDevitt.

Railroad Chair.

N^o 57,943.

Patented Sept. 11, 1866.

Fig. 1.

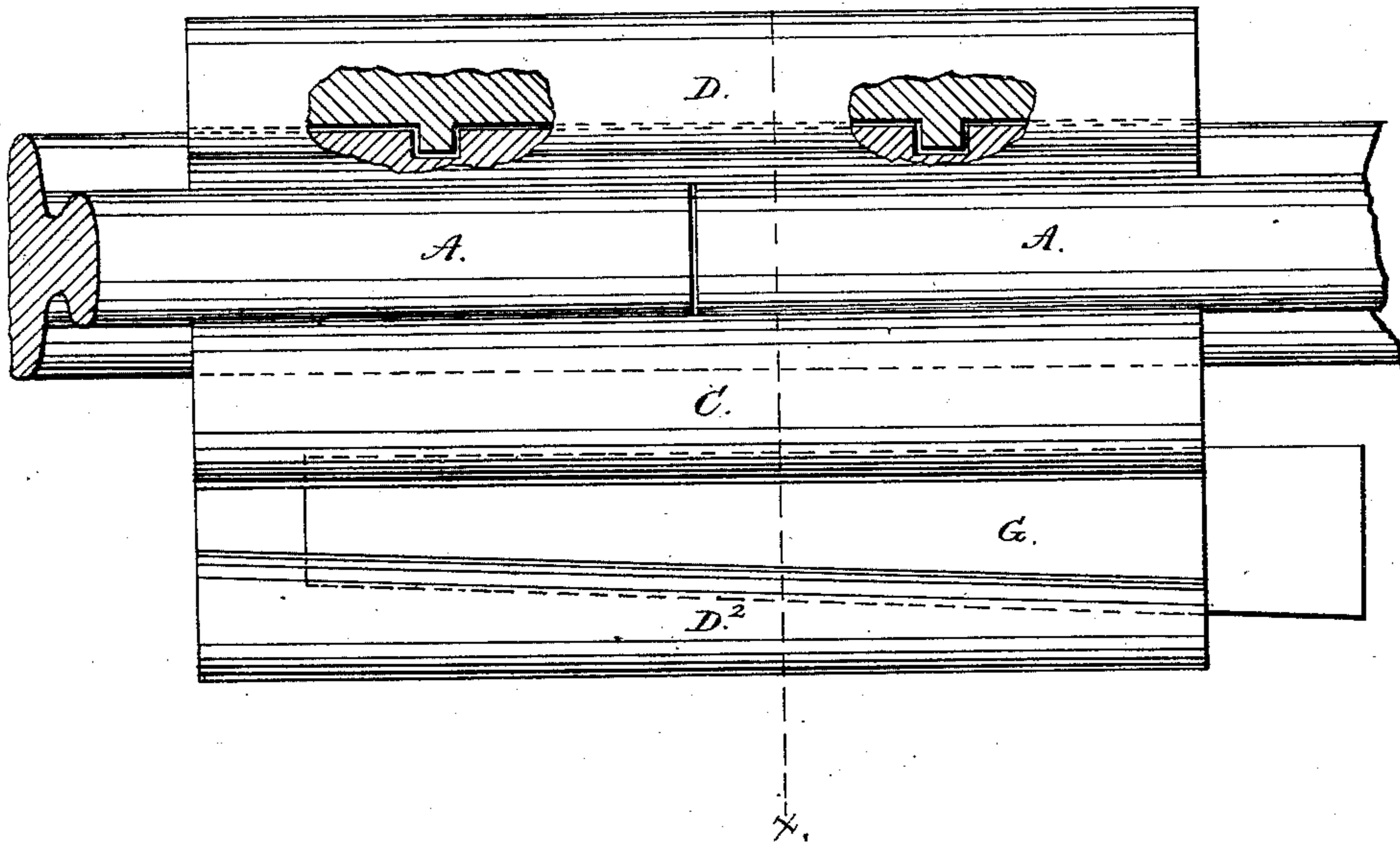
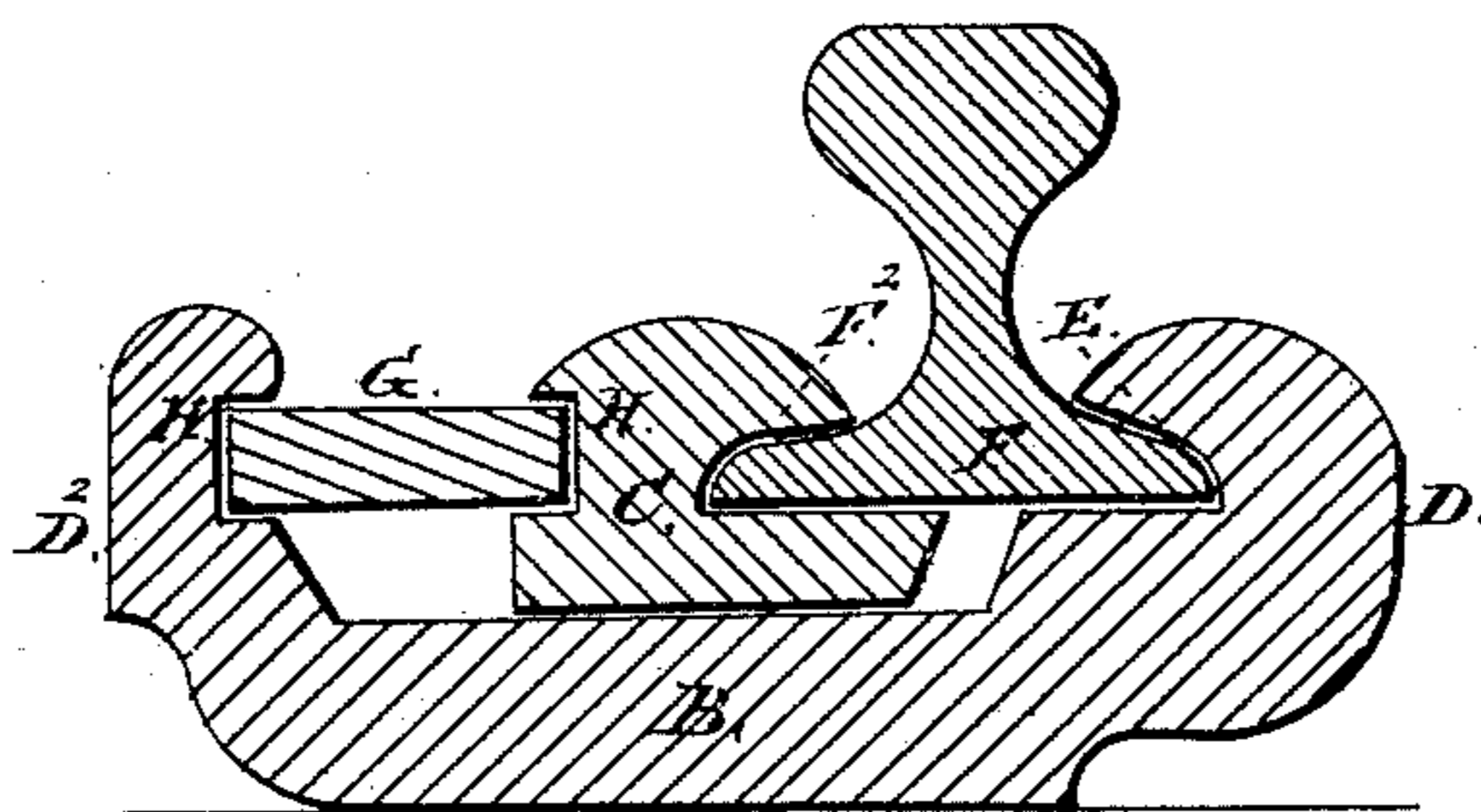


Fig. 2.



Witnesses:

W. D. Longstrech
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Inventor:

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Per. [Signature]
Attorney

UNITED STATES PATENT OFFICE.

B. McDEVITT, OF BELVIDERE, ILLINOIS.

IMPROVED RAILROAD-CHAIR.

Specification forming part of Letters Patent No. 57,943, dated September 11, 1866.

To all whom it may concern:

Be it known that I, B. McDEVITT, of Belvidere, in the county of Boone and State of Illinois, have invented a new and Improved Railroad-Chair; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

In the present invention the contiguous ends of the rails are secured and held together in a peculiarly-constructed chair by means of a wedge driven into one side of the said chair, and in such a manner as to tightly bind it about and in contact with the rails, as will be obvious from the following detail description thereof, reference being had to the accompanying plate of drawings, in which—

Figure 1 is a plan or top view of the railroad-chair, and Fig. 2 a transverse vertical section taken in the plane of the line *x x*, Fig. 1.

The drawings represent the railroad-chair made in two parts or sections, B and C, one of which, B, has a raised flange, D D², along each of its edges, and extending in the direction of their length. One of these flanges, D, is grooved out at E to receive one side of the web F of the rails, the other side of which is held in a groove, F, made of suitable shape,

on the other section or part, C, of the chair, this part C, as well as the other, D, extending under the rails, meeting at or near the center line of the same.

G is a wedge-shaped or tapering strip, by which, when driven in and between the raised flange D of the chair-section B and its other section, C, running in grooves H of the same, the two parts of the chair are caused to tightly bind and grasp the rails and fasten or secure them in and to the chair, to relieve which rails it is only necessary to drive out the said wedge G, and thus loosen the chair-sections and rails, as is obvious without any further explanation.

To prevent the rails from moving laterally in the chair, they are each notched, as plainly shown in broken section at J in Fig. 1 of the drawings, in which corresponding-shaped projections K of the sides of the chair fit.

I claim as new and desire to secure by Letters Patent—

The combination of the chair made in two parts or sections, B and C, and the wedge G, when constructed, combined, and arranged together substantially as and for the purpose described.

B. McDEVITT.

Witnesses:

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