

(No Model.)

G. N. HODGDON.

RAIL JOINT.

No. 266,626.

Patented Oct. 31, 1882.

Fig. 1.

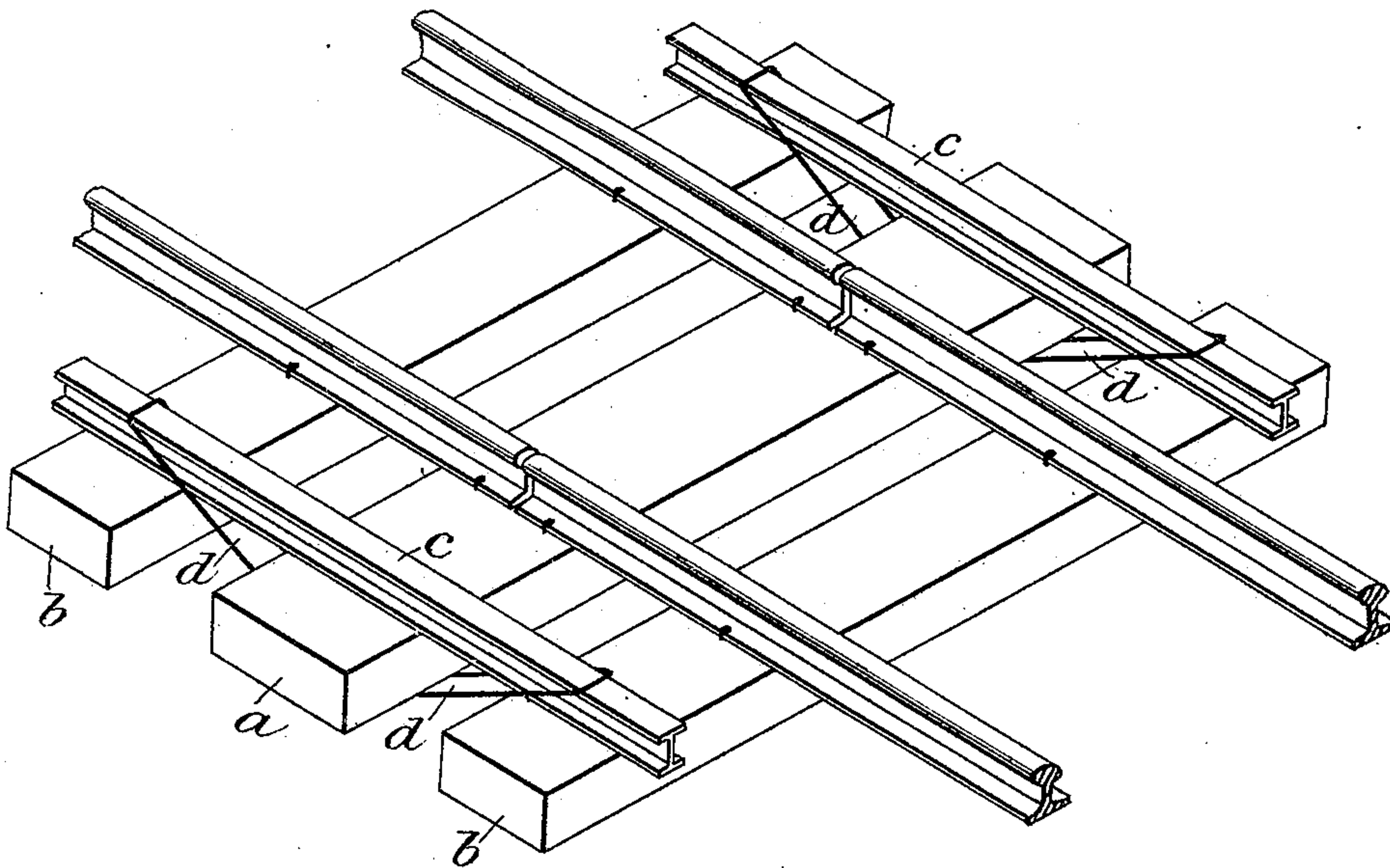
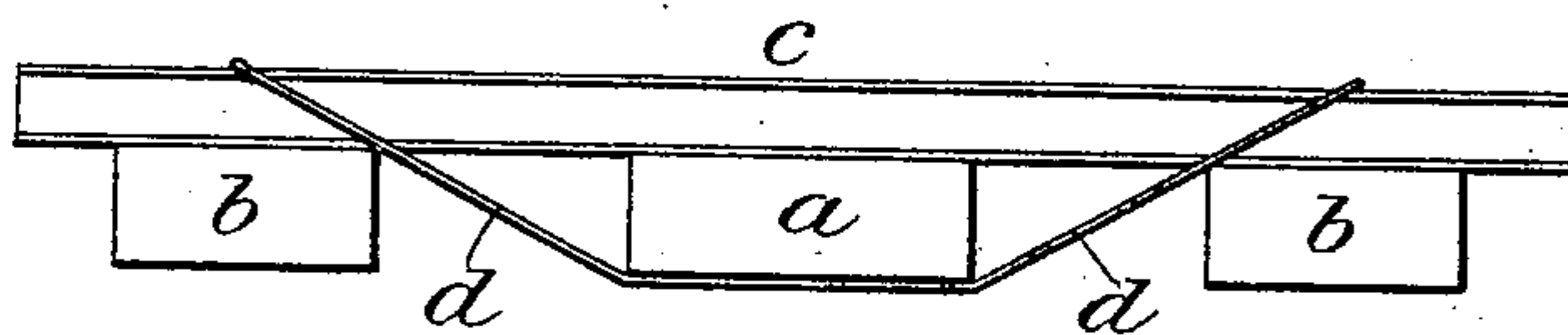


Fig. 2.



Witnesses:

R. T. Smith
W. C. P. Smith

Inventor.

George N. Hodgdon

UNITED STATES PATENT OFFICE.

GEORGE N. HODGDON, OF NASHUA, NEW HAMPSHIRE.

RAIL-JOINT.

SPECIFICATION forming part of Letters Patent No. 266,626, dated October 31, 1882.

Application filed May 25, 1882. (No model.)

To all whom it may concern:

Be it known that I, GEORGE N. HODGDON, of Nashua, Hillsborough county, New Hampshire, have invented a new and Improved Rail-Joint, of which the following is a specification.

Figure 1 represents a perspective view of my improved rail-joint support, and Fig. 2 a side view of the same.

The object of my invention is to provide an effectual support for the joint-tie, that it may not settle, and consequently the expenses of repairs of road-bed, battered and broken rails, and wear and tear of rolling-stock be diminished.

The invention consists in placing the joint-tie in a truss, the ends of which rest on and are supported by the first ties on each side thereof.

In the drawings, *a* represents the joint-tie, and *b b* represent the side ties, across which is laid a bar of metal or wood, *c*, over or from which is suspended a strap of metal, *d*, which,

passing under the joint-tie *a*, forms a truss. The support thus given the joint-tie effectually prevents that settling of the joints which is the prolific cause of battered and broken rails, and that incidentally effects the destruction of rolling-stock by derailment and otherwise.

My invention relates, not to making the rail-joint self-supporting, but to furnishing a support to the tie on which the connecting ends of rails rest.

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

In the construction of a railroad-bed, the combination of the rail-joint-supporting tie *a*, the side ties, *b b*, the bar *c*, and the strap *d*, arranged and constructed essentially as described.

GEORGE N. HODGDON.

Witnesses:

HENRY B. ATHERTON,
ELLEN H. HASKINS.