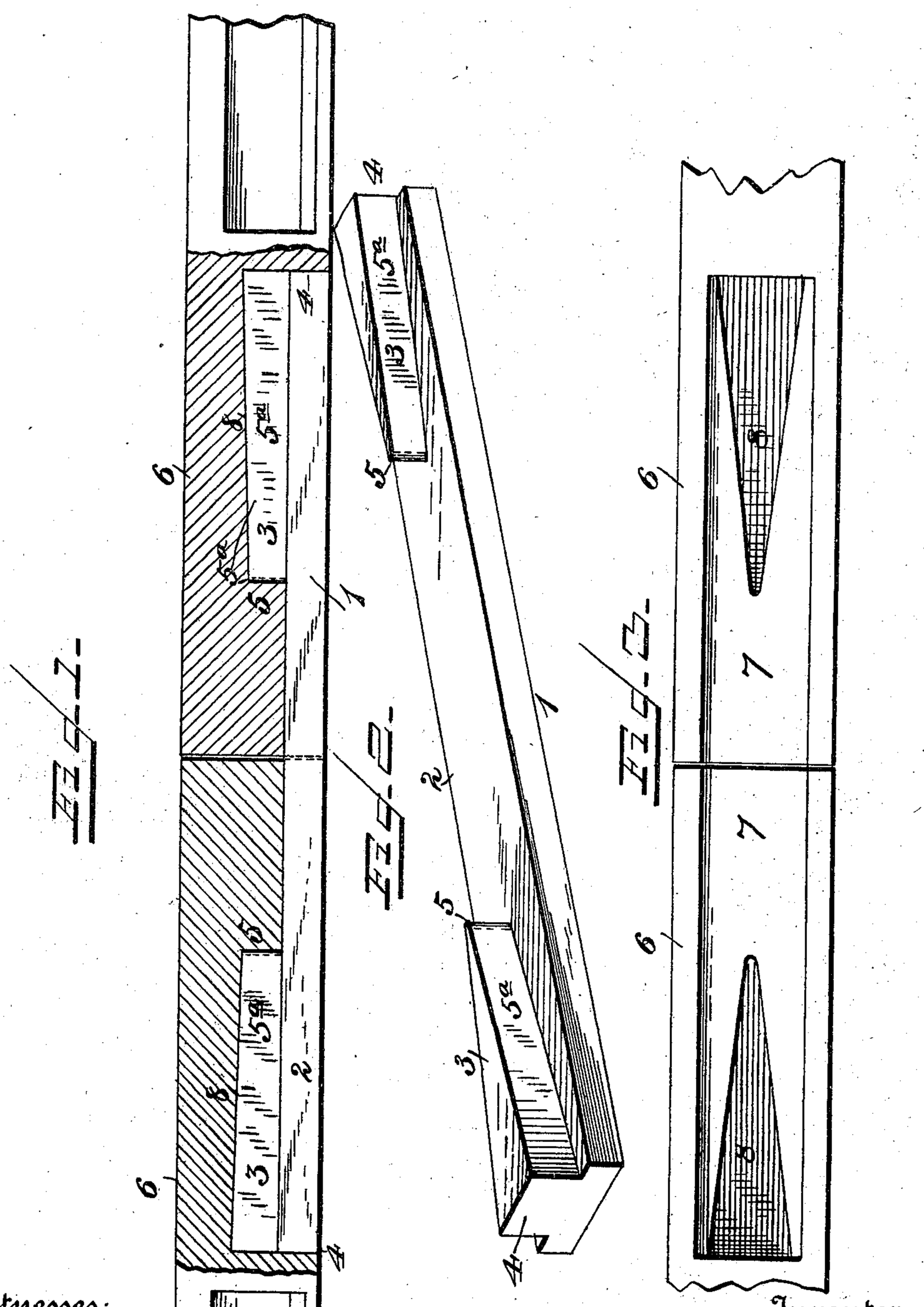
No. 725,583. PATENTED APR. 14, 1903.

P. C. OSTEEN.

RAIL JOINT.

APPLICATION FILED MAR. 5, 1903.

NO MODEL.



Witnesses:
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UNITED STATES PATENT OFFICE.

PERCY C. OSTEEN, OF HENDERSONVILLE, NORTH CAROLINA, ASSIGNOR OF ONE-THIRD TO BROWNLOW JACKSON, JESSEE S. RHODES, REUBIN H. STATON, AND SAMUEL D. STATON, OF HENDERSONVILLE, NORTH CAROLINA.

RAIL-JOINT.

SPECIFICATION forming part of Letters Patent No. 725,583, dated April 14, 1903.

Application filed March 5, 1903. Serial No. 146,302. (No model.)

To all whom it may concern:

Be it known that I, PERCY C. OSTEEN, a citizen of the United States, residing at Hendersonville, in the county of Henderson and State of North Carolina, have invented new and useful Improvements in Rail-Joints, of which the following is a specification.

My invention relates to bridge-pieces for railroad-joints; and the object of the same is to construct a bridge-piece which will securely couple abutting rails together and keep them from sagging.

The simple and novel construction employed by me in carrying out my invention is fully described and claimed in this specification and illustrated in the accompanying drawings, forming a part thereof, in which—

Figure 1 is a vertical longitudinal section of two abutting rails and bridge-piece. Fig. 2 is a perspective of the bridge-piece. Fig. 3 is a bottom plan of the abutting rails with the bridge-piece removed.

Like numerals of reference designate like parts in the different views of the drawings.

The numeral 1 designates a bridge-piece comprising a uniform bar 2, bearing on its upper face two wedge-shaped lugs 3. The horizontal cross-section of each of the lugs 3 is triangular, and one side 4 is in alinement with the end of the bridge-piece, and one vertex 5 is located on the center line of the bar 2. The sides 5^a of the lugs are perpendicular to the face of the bar 2.

In order to accommodate the bridge-piece 1, each of the two abutting rails 6 has a recess formed in the bottom thereof, which is the impression of one-half the bridge-piece and comprises a right rectangular prismoidal portion 7 and a wedge-shaped portion 8.

In coupling the rails 6 they are butted together and the bridge-piece 1 inserted from the bottom, after which the rails are lowered into place and rest on the cross-ties, which retain the bridge-piece 1 in position.

I do not wish to be limited as to details of construction, as these may be modified in many particulars without departing from the spirit of my invention.

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

1. A bridge-piece comprising a uniform bar bearing two lugs on one face, said lugs being triangular in horizontal cross-section, substantially as described.

2. A bridge-piece comprising a uniform bar bearing two wedge-shaped lugs located on the same face and at opposite ends thereof, substantially as described.

3. A bridge-piece comprising a uniform right prismoidal bar bearing two wedge-shaped lugs triangular in horizontal cross-section, one side of said triangle being located in alinement with the ends of said bar and one vertex of said triangle being located on the center line of said bar, substantially as described.

4. A bridge-piece comprising a uniform bar bearing wedge-shaped lugs, in combination with two abutting rails having recesses in their under sides to accommodate said bridge-piece, substantially as described.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

PERCY C. OSTEEN.

Witnesses:
K. G. MORRIS,
J. W. STATON.