

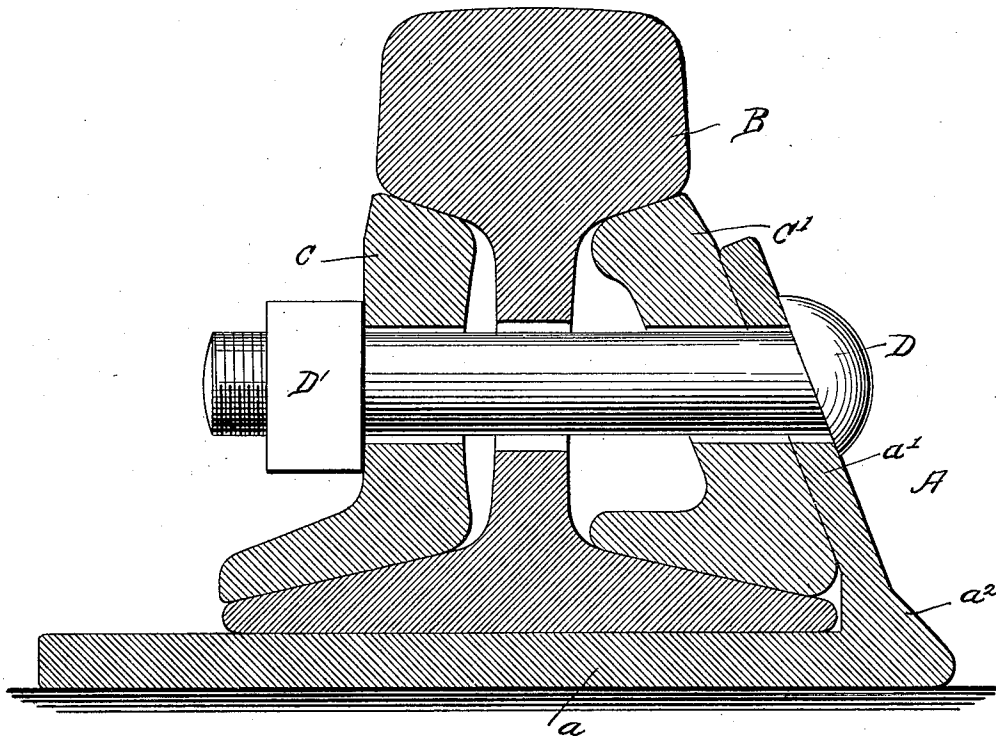
No. 614,911.

Patented Nov. 29, 1898.

G. A. WEBER.
RAIL JOINT.

(Application filed Apr. 7, 1898.)

(No Model.)



WITNESSES:

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GEORGE A. WEBER, OF NEW YORK, N. Y.

RAIL-JOINT.

SPECIFICATION forming part of Letters Patent No. 614,911, dated November 29, 1898.

Application filed April 7, 1898. Serial No. 676,751. (No model.)

To all whom it may concern:

Be it known that I, GEORGE A. WEBER, a citizen of the United States, residing at New York, in the county and State of New York, have invented a new and useful Rail-Joint, of which the following is a specification.

My invention relates to rail-joints, and has for its object to simplify and lessen the cost of their construction.

I will describe the construction of a rail-joint embodying my invention and then point out the novel features in the claims.

The accompanying drawing is a vertical transverse section of a rail-joint.

A represents an angle-chair; B, one of the rails; CC', the fish-plates, and DD' a bolt and nut for securing the several parts of the joint together. The angle-chair A is preferably a rolled one and comprises a base a , on which the ends of the rail-sections are supported, and an integral upwardly and inwardly projecting flange a' , which serves to support one end of the bolt. The chair is further provided with an integral strengthening-rib a^2 at the meeting line of the base and flange, which extends the whole length of the chair. The face of the fish-plate C' that is adjacent the flange a^2 is inclined to correspond to the inclination of the flange. With this arrangement of parts it will be observed that I am enabled to obtain a rigid and strong joint, the inclined flange serving as a brace for the ad-

jacent fish-plate, which is held tightly against the head and flange of the rail-sections.

I claim as my invention—

1. A rail-joint comprising an angle-chair, fish-plates, and securing means; said angle-chair being composed of a base upon which the adjacent ends of the rail-sections are supported, and an integral inclined straight flange, extending the whole length of the base and that fish-plate which is between the rail and inclined flange having its face inclined to correspond to the inclination of the said flange, substantially as shown and described.

2. A rail-joint comprising an angle-chair, fish-plates, and securing means; said angle-chair being composed of a base upon which the adjacent ends of the rail-sections are supported, an integral inclined straight flange extending the whole length of the base, and a strengthening-rib at the meeting line of the base and said flange, and that fish-plate which is between the rail ends and inclined flange having its face inclined to correspond to the inclination of the flange, substantially as shown and described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

GEORGE A. WEBER.

Witnesses:

ANTHONY GREF,
GEO. E. CRUSE.