

S. AUBRY.  
RAILWAY TRACK FASTENING.  
APPLICATION FILED OCT. 17, 1904.

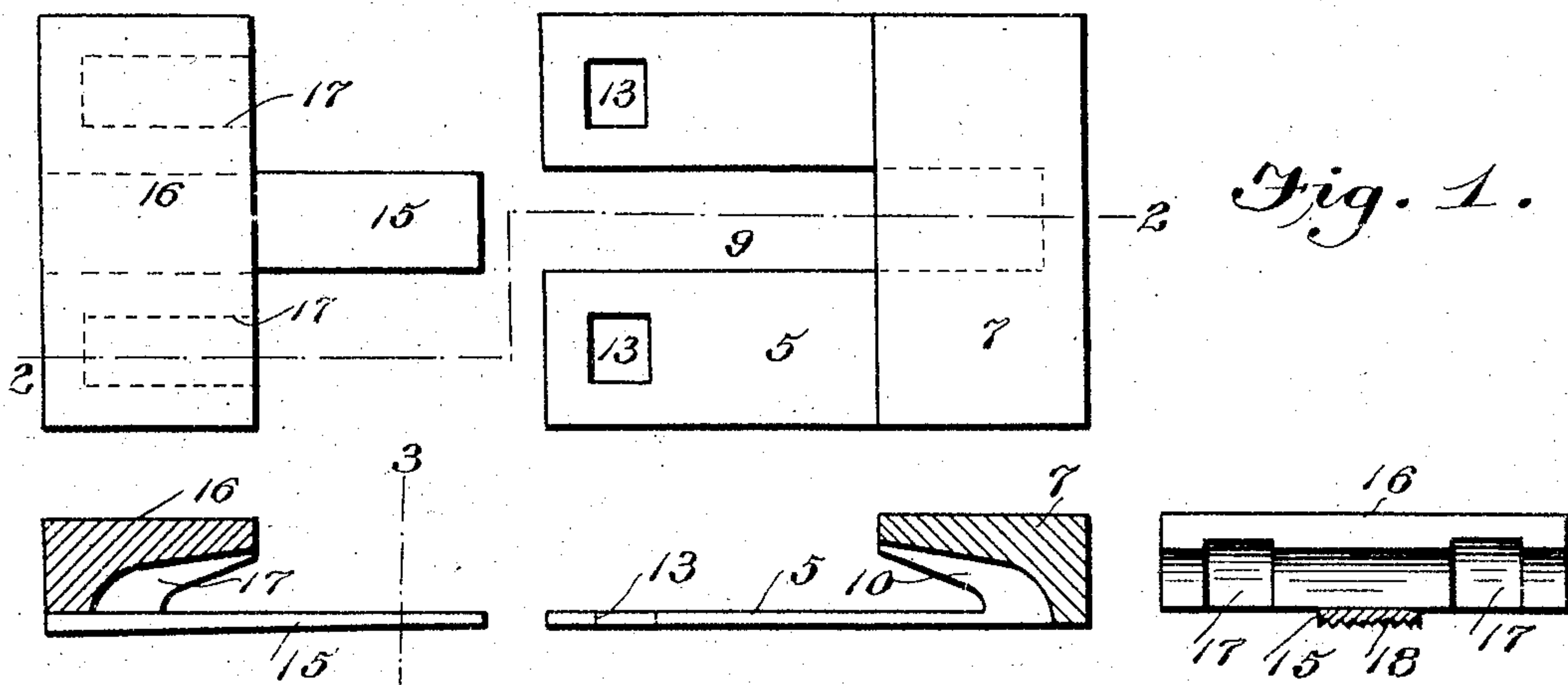


Fig. 2.

Fig. 3.

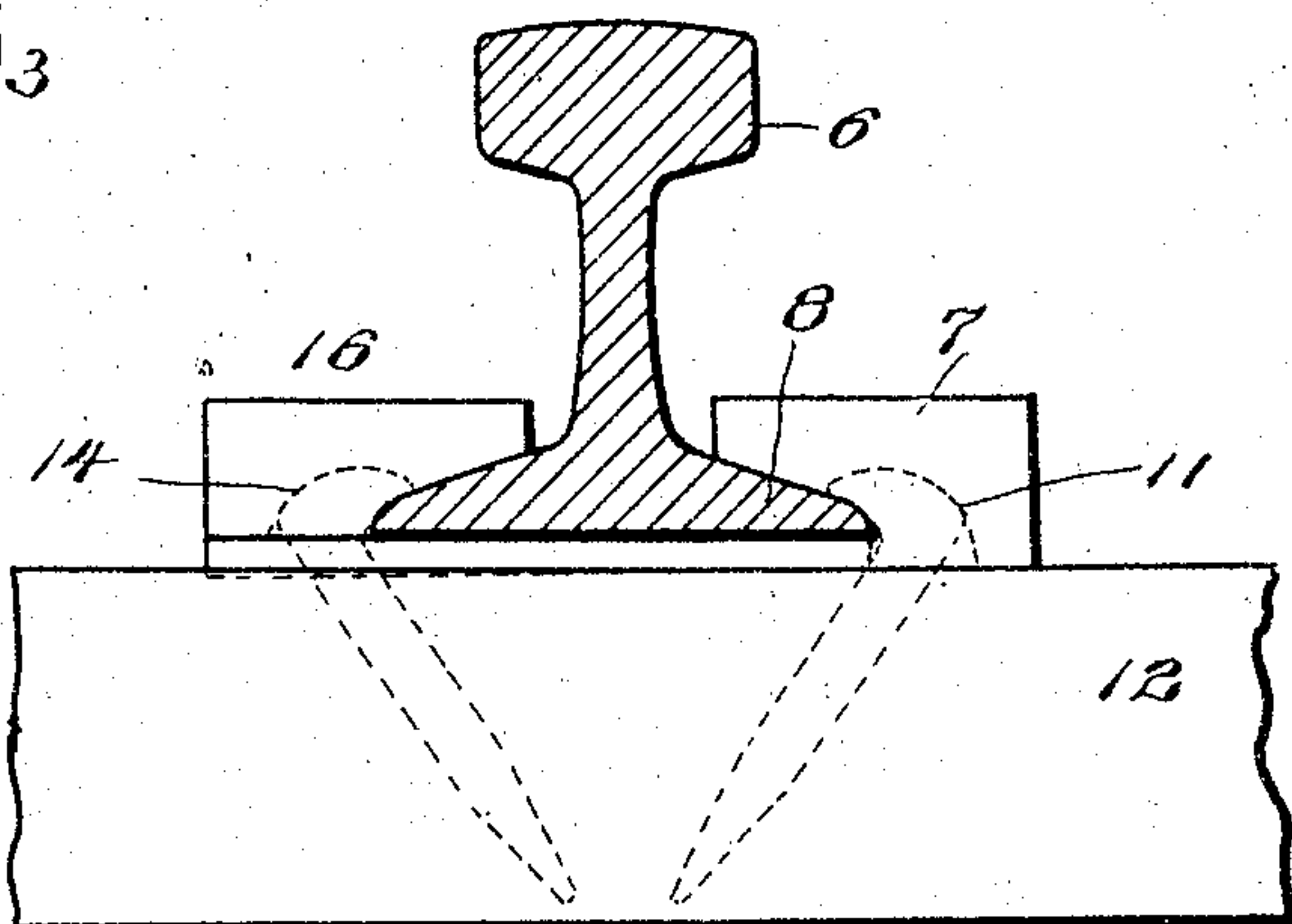


Fig. 4.

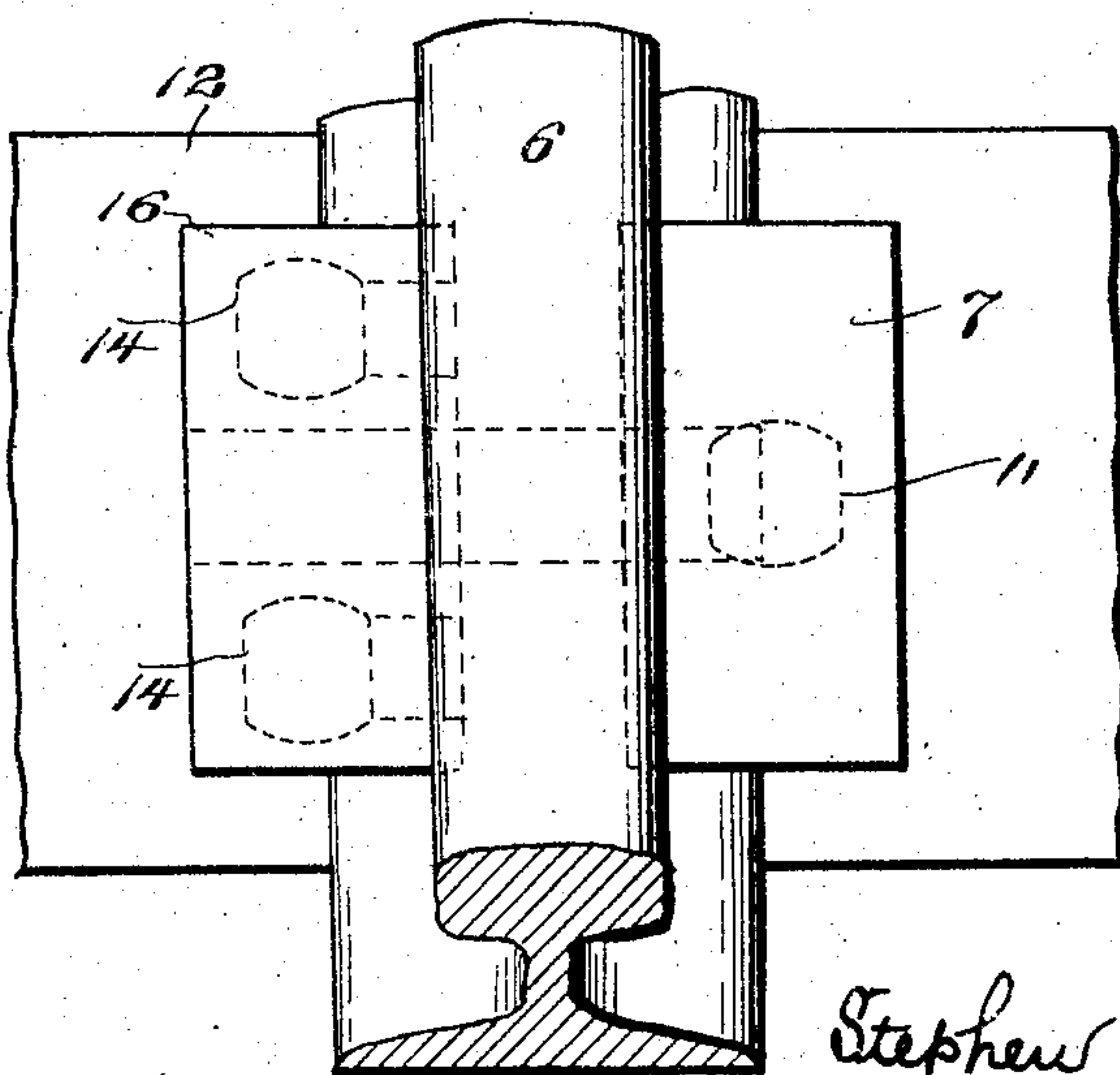


Fig. 5.

Witnesses  
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# UNITED STATES PATENT OFFICE.

STEPHEN AUBRY, OF TOLEDO, OHIO.

## RAILWAY-TRACK FASTENING.

SPECIFICATION forming part of Letters Patent No. 778,213, dated December 27, 1904.

Application filed October 17, 1904. Serial No. 228,864.

*To all whom it may concern:*

Be it known that I, STEPHEN AUBRY, a citizen of the United States, residing at Toledo, in the county of Lucas and State of Ohio, have  
5 invented new and useful Improvements in Railway-Track Fastenings, of which the following is a specification.

My invention relates to railway-track fastenings, and has for its object to provide a  
10 simple and reliable spike-holder and which shall also serve as a rail-chair.

The invention consists in certain novel features of construction hereinafter described and claimed.

15 In the accompanying drawings, Figure 1 is a plan view of the invention, the two members thereof being shown separated. Fig. 2 is a transverse section on the line 2 2 of Fig. 1. Fig. 3 is a vertical section on the line 3 3 of  
20 Fig. 2. Fig. 4 is an end view showing the device in use, and Fig. 5 is a plan view thereof.

Referring specifically to the drawings, 5 denotes a flat plate which is adapted to be placed under the rail 6 and which plate is formed at  
25 one side with a clip 7, extending over one of the base-flanges 8 of the rail. The plate is slotted, as at 9, which slot extends from the side opposite the clip up to the said clip. The latter is recessed, as at 10, to receive the head  
30 of the spike 11. In use the spike will be driven into the tie 12, as usual, after which the plate is driven under the rail until the spike-head is within the recess 10 and the clip fits properly on the rail-flange, as shown in  
35 Fig. 4. The slot 9 permits the plate to be driven under the rail with the spike in position.

The plate is of such length that when in proper position under the rail the side opposite the clip projects beyond the base-flange, and in said projecting end spike-holes 13 are made, preferably two, as shown, through which the spikes 14 are driven into the tie.  
40 At 15 is indicated a key, which is driven under the rail into the slot 9. The outer end of said key is formed with a clip 16, which extends over the rail-base flange opposite to the one heretofore mentioned. This clip is also recessed, as at 17, to receive the heads of the

spikes 14. The bottom of the key is formed  
50 with longitudinal ridges 18, which are sharp and cut into the tie when the key is driven under the rail. The key is also made tapering, so that it will securely hold when driven  
55 under the rail. The spikes will be driven slantingly, as shown, to reduce the tendency to work upwardly and out of the tie.

By the use of this device the spikes are effectively prevented from working loose, and the track will be smooth and securely fastened.  
60

Having thus described my invention, what is claimed as new, and desired to be secured by Letters Patent, is—

1. The combination with a rail and tie; of a plate fitting under the rail and spiked to the  
65 tie on both sides of the rail, said plate having at one side a clip extending over the rail-base, and said clip being provided with a spike-head recess.

2. The combination with a rail and tie; of a  
70 transversely-slotted plate fitting under the rail and spiked on both sides thereof, said plate having on one side a clip extending over the rail-base, and said clip being provided with a spike-head recess; and a key fitting under the  
75 rail in the slot of the aforementioned plate, said key also having a clip extending over the rail-base, and said clip being provided with spike-head recesses.

3. The combination with a rail and tie; of a  
80 transversely-slotted plate fitting under the rail and spiked to the tie on both sides of the rail, said plate having on one side a clip extending over the rail-base, and said clip being provided with a spike-head recess; and a tapering key  
85 fitting under the rail in the slot of the aforementioned plate, said key having its bottom roughened to cut into the tie, and said key also being formed with a clip extending over the rail-base, and said clip having spike-head  
90 recesses.

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

STEPHEN AUBRY.

Witnesses:

STEPHEN AUBRY, Jr.,  
OLIVER P. AUBRY.