

(No Model.)

A. H. HATCHARD.  
HOSE BRIDGE.

No. 420,065.

Patented Jan. 28, 1890.

Fig. 1.

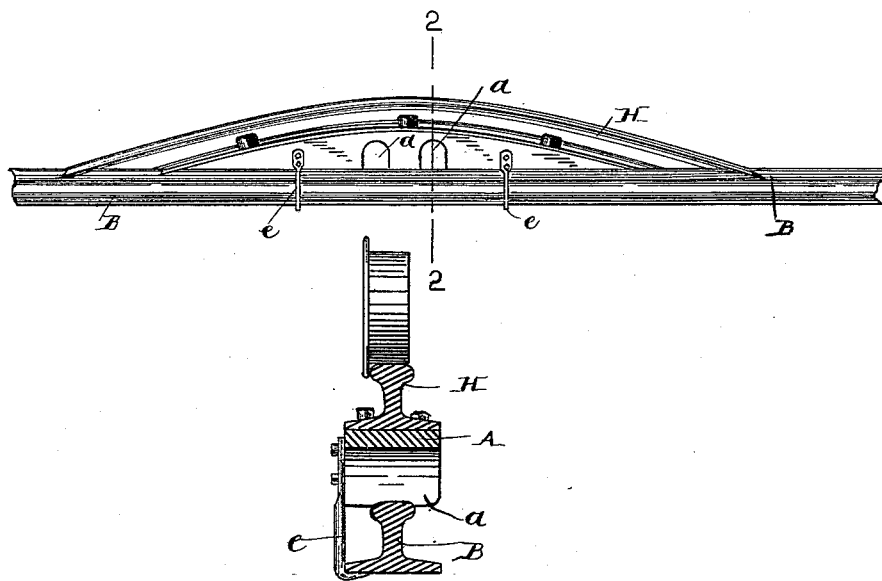


Fig. 2.

WITNESSES:

*W. H. H. H. H.*  
E. E. Hamell.

INVENTOR:

A. H. Hatchard  
By *C. B. Tuttle*  
Att'y

# UNITED STATES PATENT OFFICE.

ASHLEY H. HATCHARD, OF LYNN, MASSACHUSETTS, ASSIGNOR OF ONE-HALF TO HENRY N. HASTINGS, OF SAME PLACE.

## HOSE-BRIDGE.

SPECIFICATION forming part of Letters Patent No. 420,065, dated January 28, 1890.

Application filed May 10, 1889. Serial No. 310,326. (No model.)

*To all whom it may concern:*

Be it known that I, ASHLEY H. HATCHARD, of Lynn, in the county of Essex and Commonwealth of Massachusetts, have invented an Improvement in Hose-Bridges, of which  
5 the following, taken in connection with the accompanying drawings, is a specification.

This invention has for its object to provide means for bridging hose laid over railway-tracks, (as in case of fire purposes,) so that  
10 trains may be carried over without injury to the hose.

The nature of this invention is to be further described and then specifically claimed  
15 hereinafter.

In the drawings, Figure 1 is a side elevation of the invention combined with a railway-track. Fig. 2 is a cross-section on line  
2 2 of Fig. 1.

20 The frame-work A may be composed of iron or other suitable material, and is provided with one or more apertures *a*, for receiving hose. Said frame-work has its bottom face formed to bear upon the railway-track  
25 B, and its upper face is arched, thereby forming a two-way incline from the center of the frame-work, extending outward and beveling downward to a vanishing point, where it connects with the railway track or rail B.

Said frame-work has on its top face a rail H, 30 which is bent to conform and bear upon the top surface of the frame-work A, to which frame-work it is secured by suitable pins or other means.

To facilitate the operation of combining 35 the device with a railway-rail, the frame-work A is provided with hooks *ee*, which are made to grasp the rail, as shown in Fig. 2. These hooks further serve to retain the device in position while the train is passing over. 40

In operation the hose is laid over the railway-track in the usual manner. The hose-bridge is then placed upon the track with the hose extending through the apertures *a*. The train in passing over is moved up the incline 45 on one side of the bridge and goes down the opposite side thereof to the rails again.

I claim as my invention—

A hose-bridge provided with apertures *a*, an arched top surface formed to receive the 50 tread of a railroad-carriage wheel, and devices for engaging with the section of a railway-track, substantially as described.

ASHLEY H. HATCHARD.

Witnesses:

GEO. H. WILLIAMS,  
C. B. TUTTLE.