

No. 626,421.

Patented June 6, 1899.

J. GREENHOUSE.  
FOLDING AND INTERLOCKING HOSE BRIDGE.

(Application filed July 22, 1898.)

(No Model.)

Fig. 1.

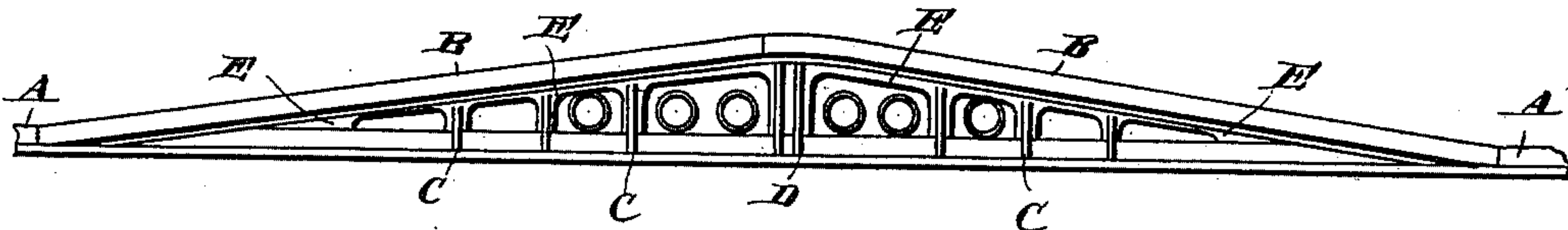


Fig. 2.

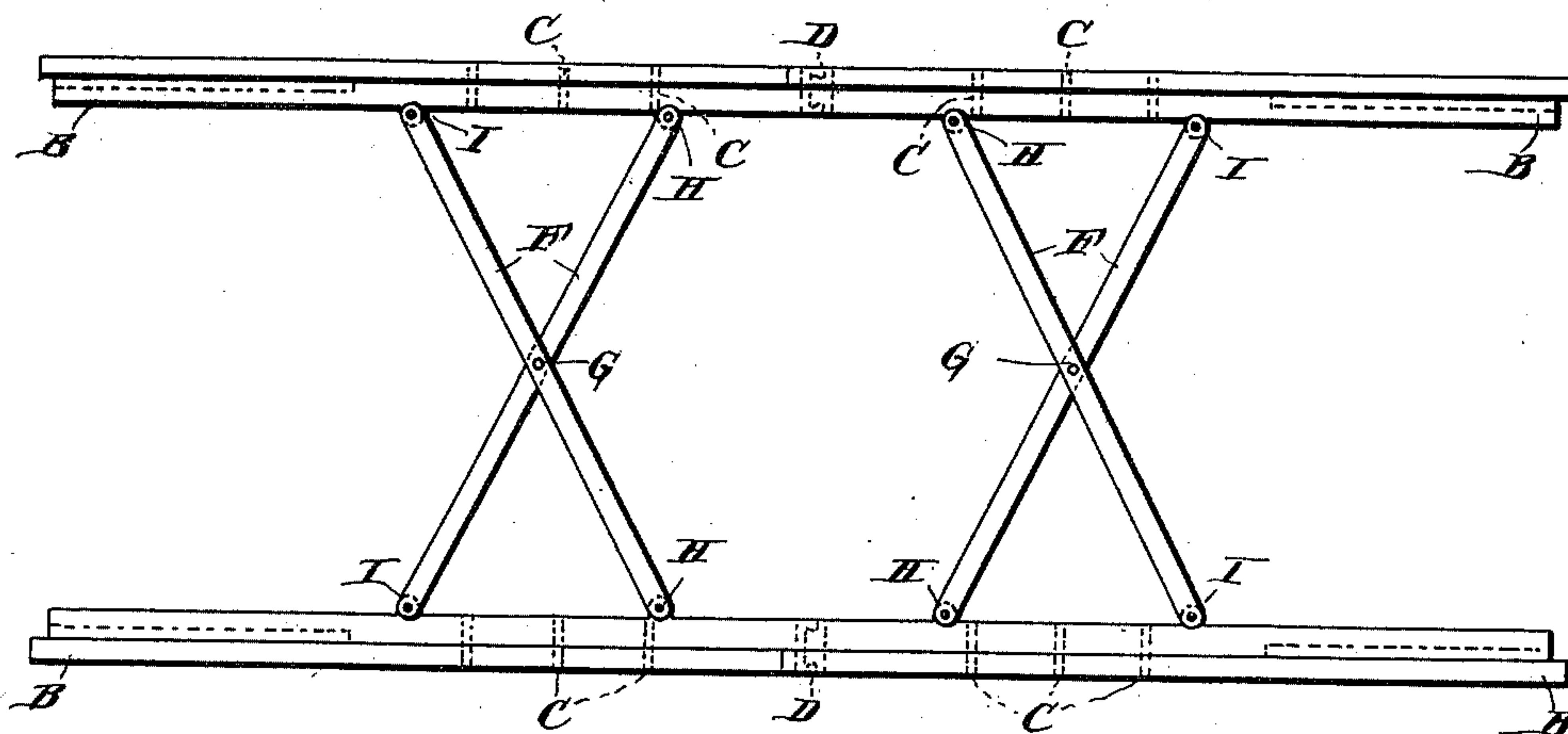


Fig. 3.

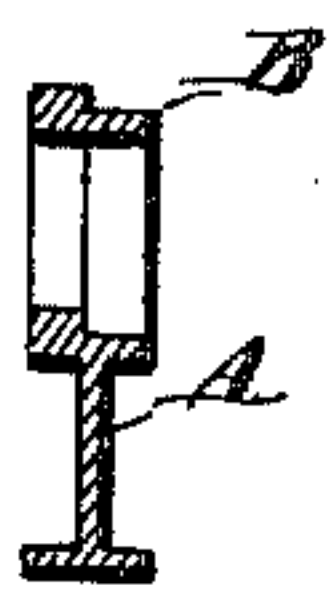


Fig. 4.

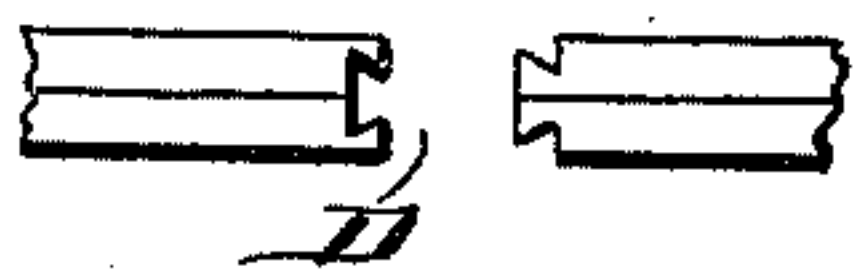
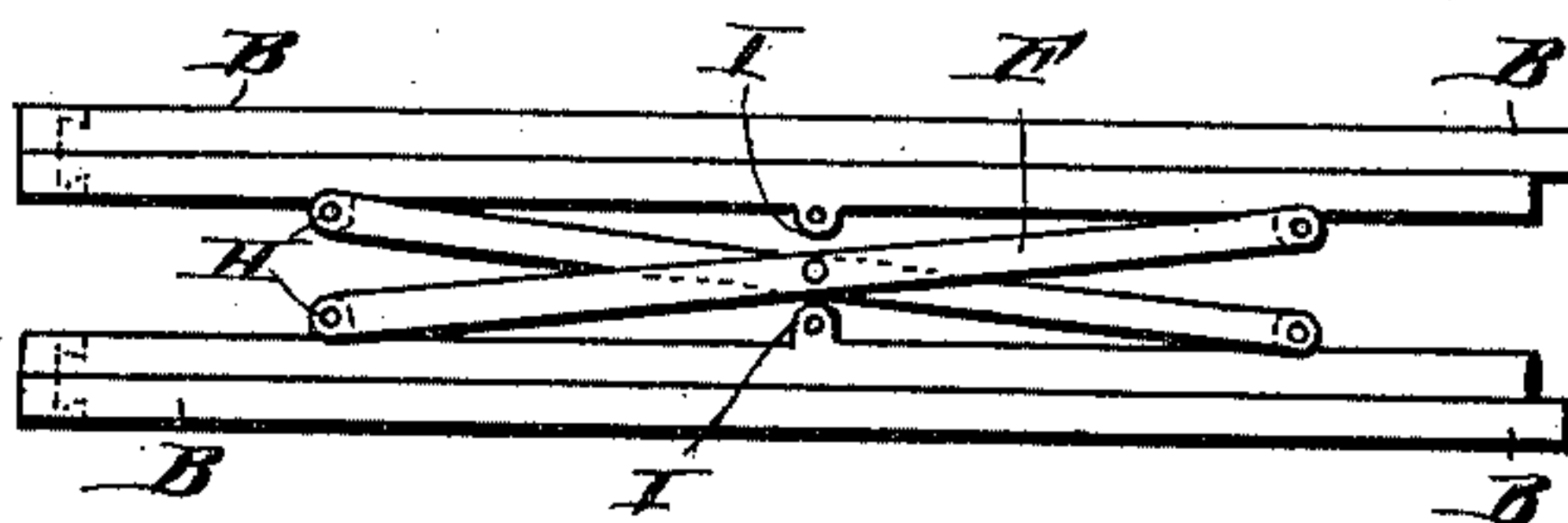


Fig. 5.



Witnesses:  
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# UNITED STATES PATENT OFFICE.

JOHN GREENHOUSE, OF PITTSBURG, PENNSYLVANIA.

## FOLDING AND INTERLOCKING HOSE-BRIDGE.

SPECIFICATION forming part of Letters Patent No. 626,421, dated June 6, 1899.

Application filed July 22, 1898. Serial No. 686,585. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN GREENHOUSE, a citizen of the United States, residing at Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Folding and Interlocking Hose-Bridges; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

Figure 1 is a side view. Fig. 2 is a plan. Fig. 3 is a sectional end view of rails at center of hose-bridge.

Referring to the figures generally, A A is a street-rail.

B B are vertically-inclined rails of hose-bridge.

C C are vertical supports, the footings of which are formed to exact section of street-rail.

D is vertical support with dovetailed joint for connecting the two halves of each section of the hose-bridge.

E E are vertical flanges to strengthen bridge B B.

F F are diagonal brace-bars of equal length, turning on a central pivot G.

H H are pivoted joints, allowing cross-braces F F to be placed in a folded position.

I I are lugs on the inner flanges of bridge-rail, into which are inserted the pins which extend vertically downward on loose end of diagonal brace-bars F F. The lugs I are provided with holes, into which the pins welded to ends of bars F are inserted.

On placing hose-bridge on street-rails each shouldered footing of uprights C C and D rest on flange and head of street-rail, the diagonal braces forcing shouldered footing of vertical supports or uprights C C against head of rail, thereby causing sufficient friction to hold the hose-bridge securely in position and allowing the insertion of one or more lines of hose between the upright supports and allowing cars to pass freely over the bridge and lines of hose.

What I claim as my invention, and desire to secure by Letters Patent, is—

The vertically-inclined rails forming hose-bridge said rails provided with the dovetailed joint for rapidly connecting and disconnecting the two sections of hose-bridge, upon each rail.

In testimony whereof I affix my signature in presence of two witnesses.

JOHN GREENHOUSE.

Witnesses:

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