

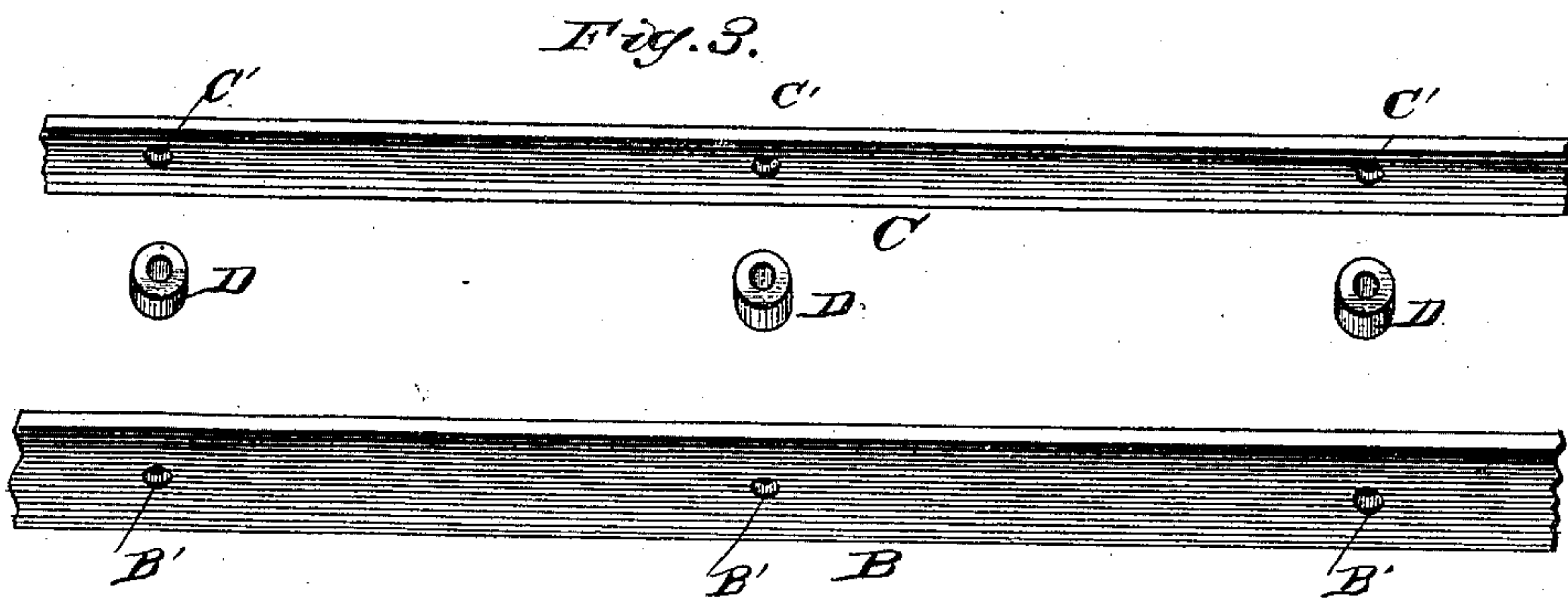
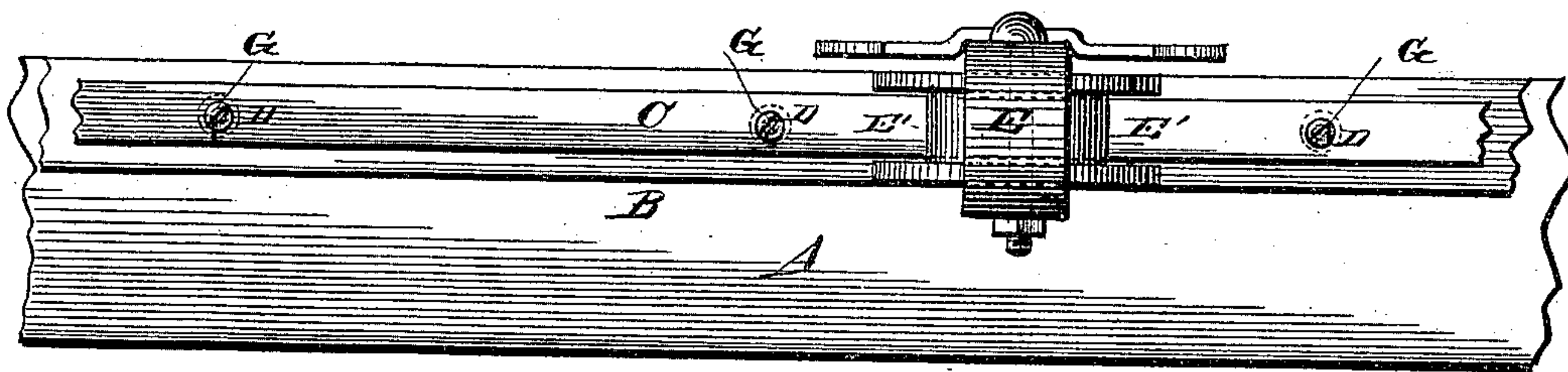
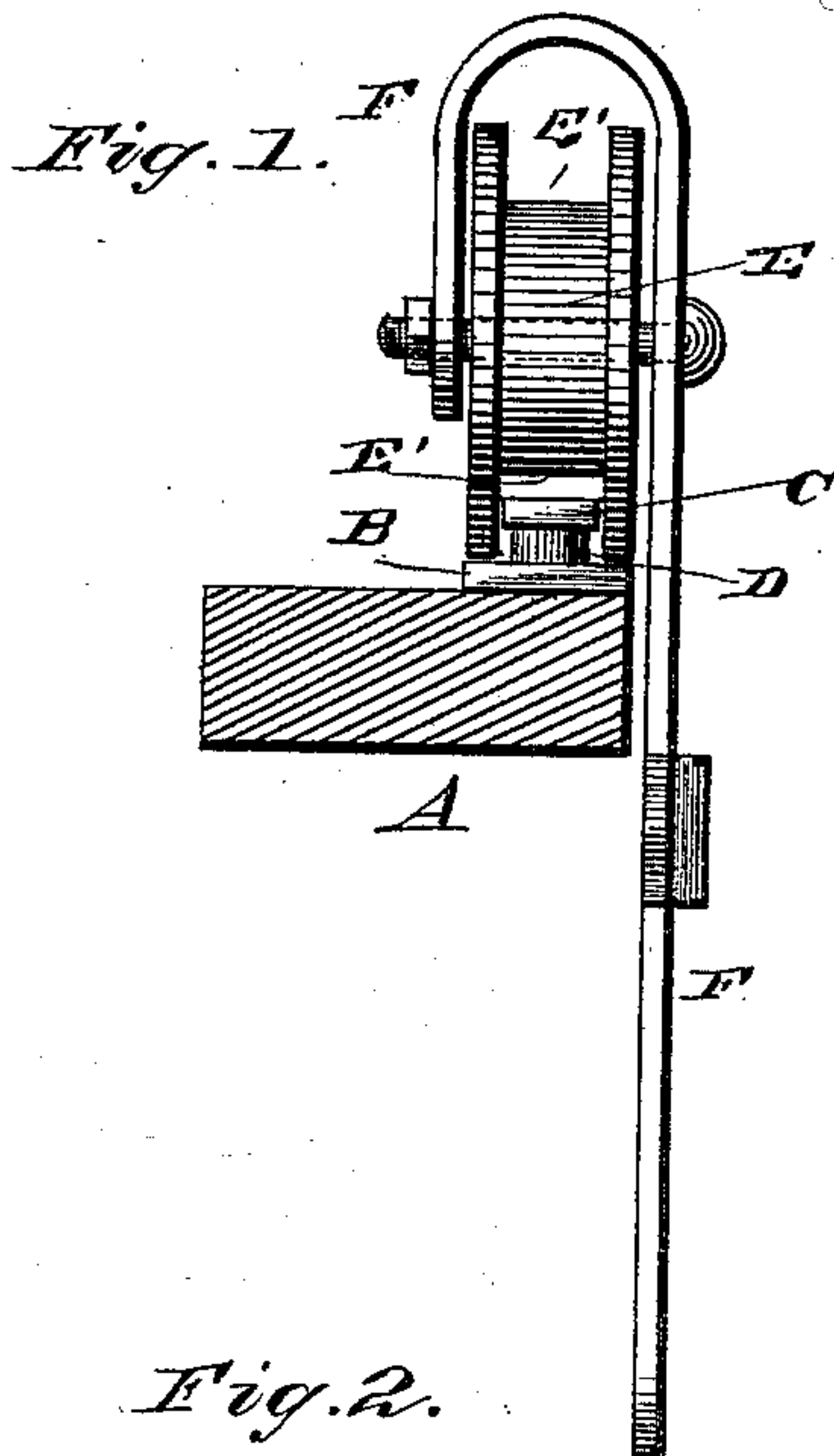
(No Model.)

J. H. LAWRENCE.

TRACK FOR BARN DOOR HANGERS.

No. 299,811.

Patented June 3, 1884.



WITNESSES

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JOHN H. LAWRENCE, OF STERLING, ILLINOIS.

TRACK FOR BARN-DOOR HANGERS.

SPECIFICATION forming part of Letters Patent No. 299,811, dated June 3, 1884.

Application filed November 2, 1883. (No model.)

To all whom it may concern:

Be it known that I, JOHN H. LAWRENCE, a citizen of the United States, residing at Sterling, in the county of Whiteside and State of Illinois, have invented certain new and useful Improvements in the Construction of Tracks for Barn-Door Hangers; and I do hereby 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 letters or figures of reference marked thereon, which form a part of this specification.

My invention has reference to a certain improvement in tracks for barn-door hangers, and pertains more especially to the process of making the same.

In the drawings, Figure 1 is a side elevation of the track and hangers in position. Fig. 2 is a plan view of the track. Fig. 3 is a view in detail of the parts constituting the track.

A is the horizontal ledge of the barn to which the manufactured track is affixed, and forms no part of the track, but is shown merely to illustrate the mode of placing the latter.

B is a track of band-iron of about one-eighth of an inch in thickness and about one inch in width.

C is a narrow bench of band-iron, about one-eighth of an inch in thickness and about seven-sixteenths of an inch in width.

D D D are short vertical hollow posts placed at suitable intervals over the track B and under the bench C, as a means of support for the latter.

E is the ordinary hanger-roller, suitably journaled in the hanger F. The roller E is formed with a groove, E', around its periphery, of such depth that such roller will be supported on the edges of its periphery on each side of the bench C, without the bottom of the groove E' touching the bench C. The weight of the door is therefore supported and carried

on the two edges of the periphery of the roller E, such edges resting upon and traversing the upper side of the track B on each side of the bench C. The sole function of the bench C is to pass within the groove E', and prevent the roller E from leaving the track B.

I take ordinary band-iron, of about the size indicated, for the track B, and cut the same into desired lengths, forming at suitable intervals therein vertical holes B'. I then take gas-pipe having an orifice of about one-eighth of an inch and cut the same transversely into short hollow posts or bolsters D, of about three-eighths of an inch in length. I then take band-iron of the size named for the bench C, and cut the same the length of the sections B, and punch holes C' therein to correspond with the holes B' in the track B. I then place the track B on the ledge A, the posts D, respectively, over the holes B', and the bench C upon such posts. I then fasten the parts together with bolts or strong screws G, passed vertically down through the hole C', post D, and hole B', into or through the ledge A.

The advantages of my invention are simplicity, economy of construction, durability, and convenience of packing and shipping.

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

In a track for barn-door hangers, the combination, with a suitable support or ledge, A, of a track to support the roller having tongue to extend into the groove in the roller, built up of a plate, B, posts or bolsters D, and narrow plate or bench C, substantially as described.

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

JOHN H. LAWRENCE.

Witnesses:

W. N. HASKELL,
JNO. J. CUSHING.