

(No Model.)

A. J. BURBANK.  
TRACK FOR HAY CARRIERS.

No. 366,921.

Patented July 19, 1887.

Fig. 1.

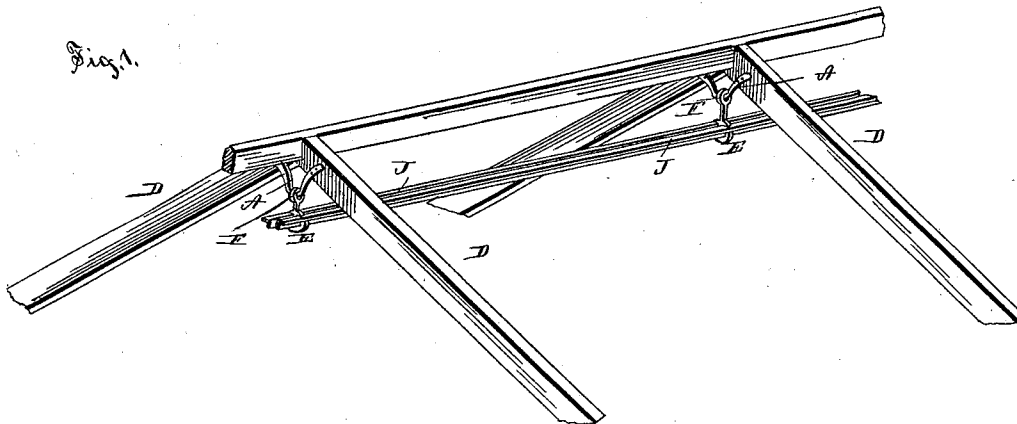


Fig. 2.

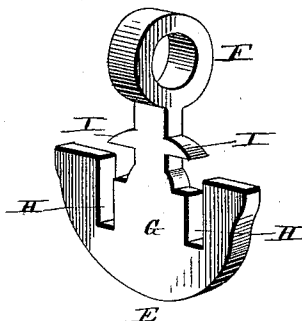
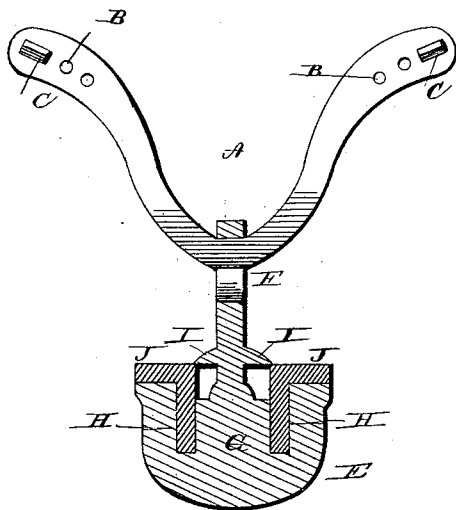


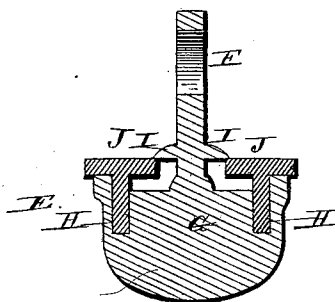
Fig. 3.



WITNESSES

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Fig. 4.



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# UNITED STATES PATENT OFFICE.

ABNER J. BURBANK, OF HARVARD, ILLINOIS.

## TRACK FOR HAY-CARRIERS.

SPECIFICATION forming part of Letters Patent No. 366,921, dated July 19, 1887.

Application filed July 6, 1886. Serial No. 207,193. (No model.)

*To all whom it may concern:*

Be it known that I, ABNER J. BURBANK, a citizen of the United States, and a resident of Harvard, in the county of McHenry and State of Illinois, have invented certain new and useful Improvements in Tracks for Hay-Carriers; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification, and in which—

Figure 1 is a perspective view showing my improved track for hay-carriers in position. Fig. 2 is a similar view of the hanger for the track. Fig. 3 is a transverse sectional view of the hanger and track, and Fig. 4 is a similar view of a modified form of the same.

Similar letters of reference indicate corresponding parts in all the figures.

My invention has relation to tracks for hay-carriers; and it consists in the improved construction and combination of parts of a hanger or support for a track composed either of flat bars or bars of angle-iron or T-iron, as hereinafter more fully described and claimed.

In the accompanying drawings, the letter A indicates a curved nearly V-shaped bar, the ends of which are formed with perforations B for the insertion of fastening screws or nails, and with sharp lips C projecting to one side, and this bar may be secured to the rafters D of the roof of the barn, near the ridge, by means of the fastening screws or nails and the lips.

A hanger, E, is suspended from this supporting-bar by means of an eye, F, formed in the upper end of the shank of the hanger and fitting upon the bar, and the lower end of this shank is formed with a plate, G, having two vertical slots, H H, extending from the upper edge at both sides of the shank.

The shank is formed with shoulders I I above the upper edge of the plate or flat head, and the track-bars J J may be inserted into the slots in the head, having their upper sides bearing against the shoulders, which prevent the said bars or rails from jumping out of the slots.

The slots may be made with their inner edges in a line with the sides of the shank, or nearly in a line with them; or they may be made at a distance from the sides of the shank, the first form being preferably used when either flat bars or angle-irons are used, while when T-irons are used the slots are preferably at a distance from the sides of the shank, so as to allow space for the flange projecting toward the shank, the downwardly-projecting flange of all shapes of iron resting in each of the slots, and the horizontal flange or flanges resting upon the upper edge of the flat head of the hanger. In this manner it will be seen that a cheap and durable hanger for the track-rails is produced, the hanger being easily applied and when once slipped upon the rails remaining upon the same, with no chance for the rails to jump out of the slots or for any part of the hanger to become loosened from the remaining parts.

The curved bar secured to the rafters will be held securely to the rafters by means of the sharp lips as well as by the fastening-nails, the said lips being driven into the rafters when the ends of the bar are secured to them.

The rails of the track are united at their ends by common fish-plates, and the entire track may be put up in a comparatively short space of time and with comparatively little labor and with the use of very few tools, no skilled labor being required for attaching the track in any barn or building.

Having thus described my invention, I claim and desire to secure by Letters Patent of the United States—

1. In a track for hay-carriers, the combination of a bar secured to the upper ends of the rafters and a hanger suspended from the bar by a ring and having a flat head upon the lower end of the eyed shank, and formed with vertical slots in the upper edge for the flanges of the track-rails and with outwardly-projecting shoulders above the upper edge of the flat head, and adapted to receive track-rails resting with their downwardly-projecting flanges in the slots of the flat head, as and for the purpose shown and set forth.

2. In a track for hay-carriers, the combination of a curved nearly V-shaped bar having

perforations at its ends and laterally-projecting sharp lips, and a hanger consisting of a shank having an eye fitting upon the curved bar, and a flat head having vertical slots in its upper edge parallel with the sides of the shank and near to the same, and shoulders projecting from the sides of the shank, slightly above the slots, and adapted to receive track-rails and have their vertical flanges rest in the vertical slots and their horizontal flanges upon the upper edge of the hanger, as and for the purpose shown and set forth.

3. In a track for hay-carriers, the combination, with a hanger provided with a shank by which it is suspended and with a head fur-

nished with a vertical slot in its upper edge, on each side of the shank, and with shoulders projecting from the sides of said shank, of flanged track-rails, one flange of each of which is adapted to fit in one of said slots, while the inner upper edges of the rails rest under said shoulders, as and for the purpose set forth.

In testimony that I claim the foregoing as my own I have hereunto affixed my signature in presence of two witnesses.

ABNER J. BURBANK.

Witnesses:

ALEX. BECK,  
S. A. NEWELL.