

(No Model.)

J. NEY.

HAY ELEVATOR TRACK.

No. 287,772.

Patented Oct. 30, 1883.

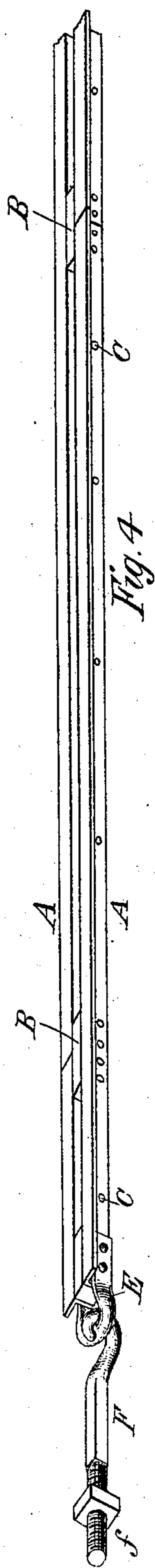


Fig. 4

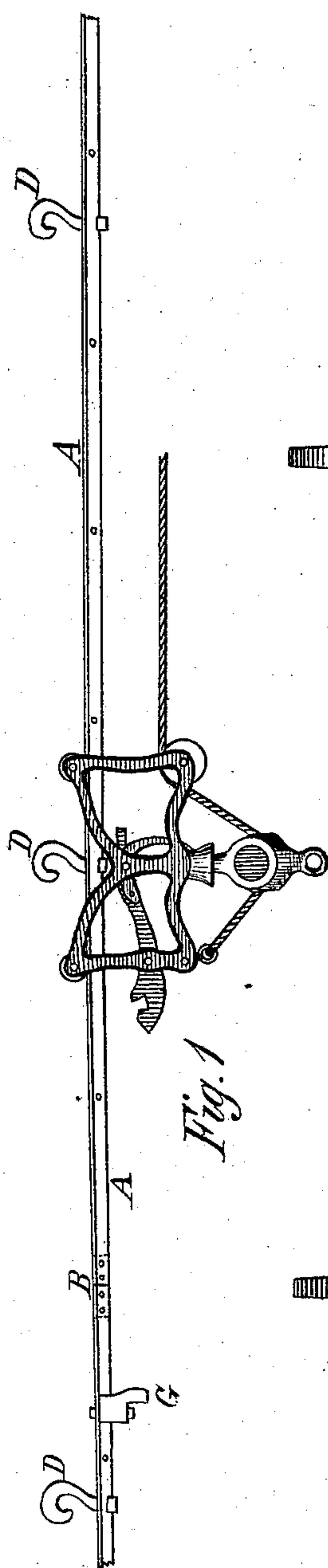


Fig. 1

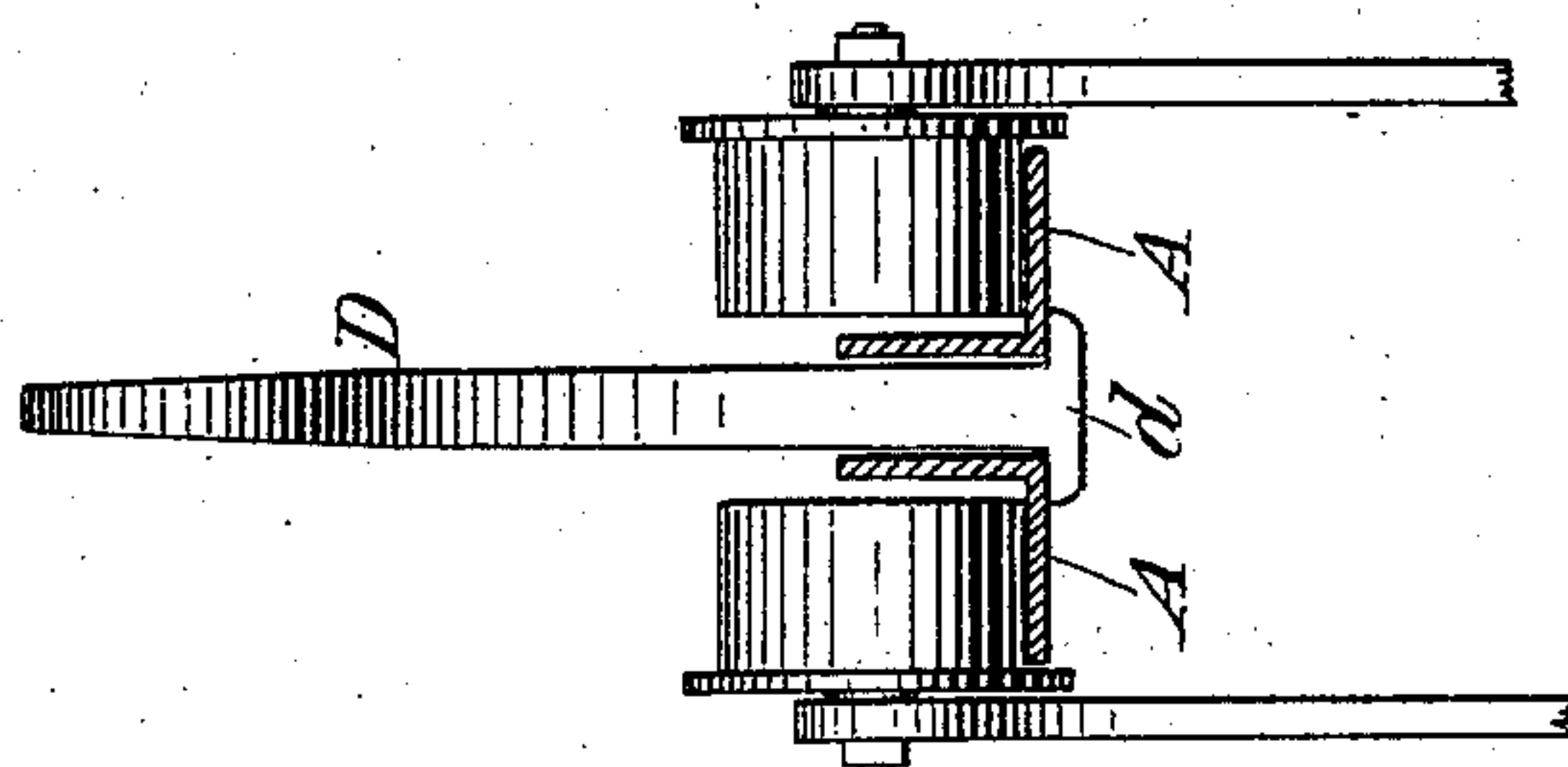


Fig. 3

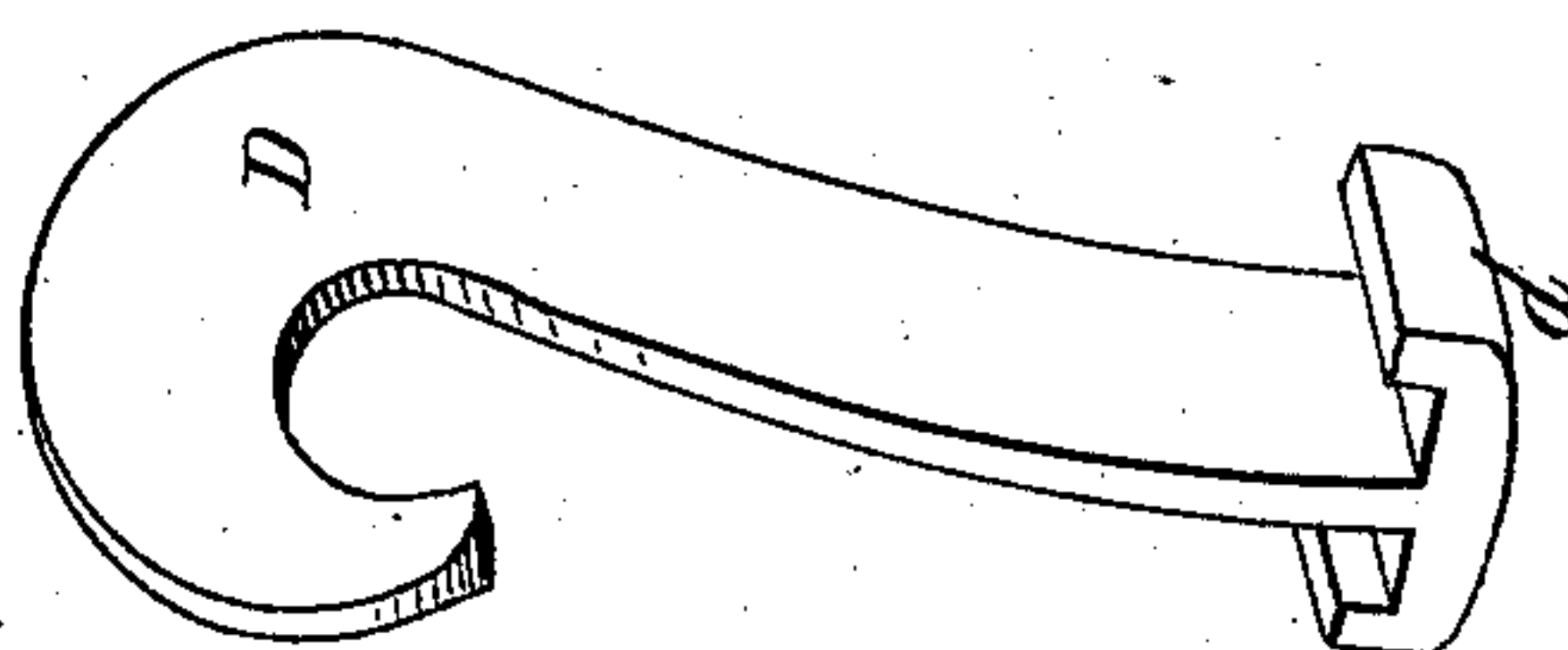


Fig. 5.

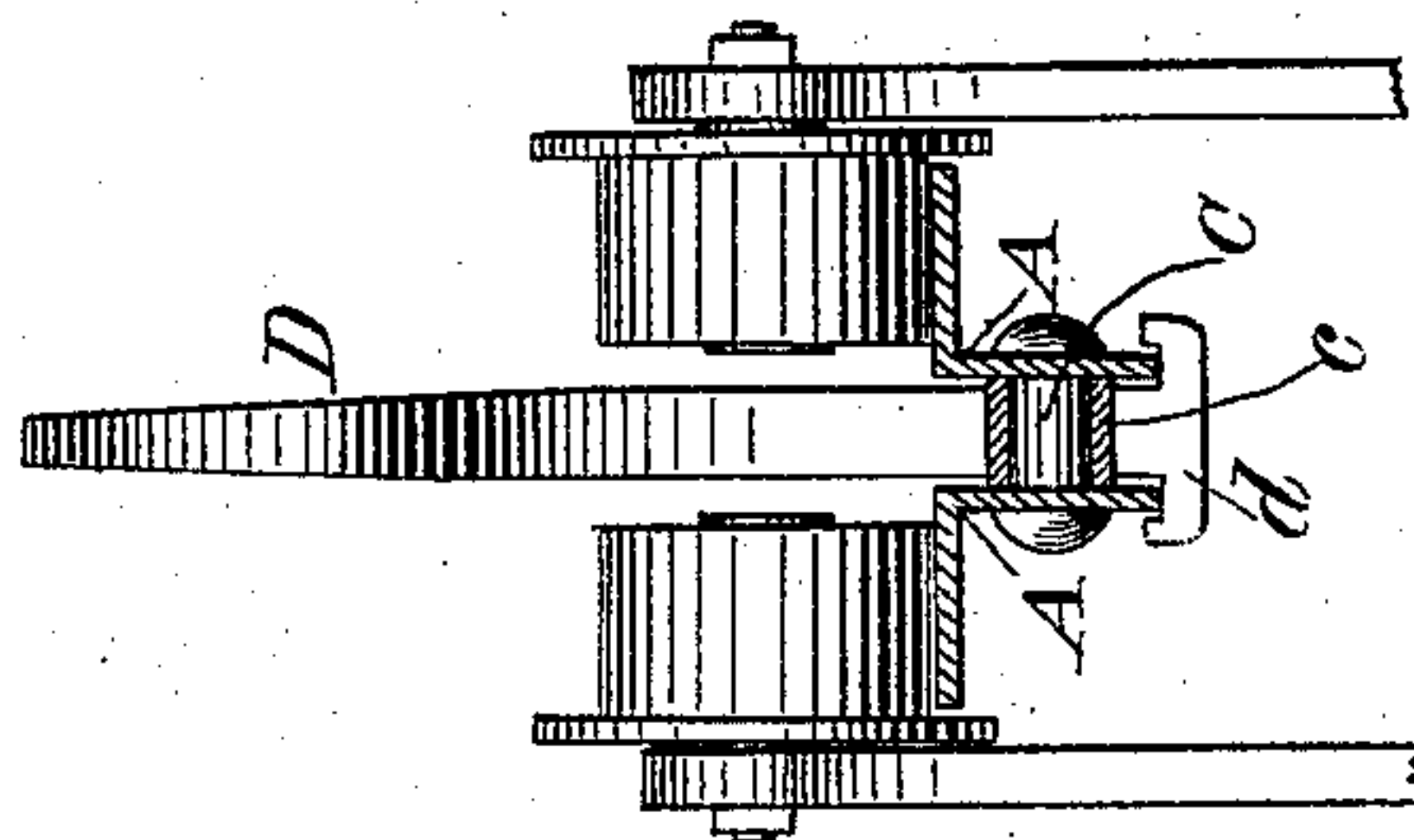


Fig. 2

John A. Mack
C. C. Bow

Witnesses.

James May
Per Fred W Bond

Inventor
Attorney.

UNITED STATES PATENT OFFICE.

JACOB NEY, OF CANTON, OHIO, ASSIGNOR TO THE NEY MANUFACTURING COMPANY, OF SAME PLACE.

HAY-ELEVATOR TRACK.

SPECIFICATION forming part of Letters Patent No. 287,772, dated October 30, 1883.

Application filed July 30, 1883. (No model.)

To all whom it may concern:

Be it known that I, JACOB NEY, a citizen of the United States, residing at Canton, in the county of Stark and State of Ohio, have invented certain new and useful Improvements in Hay-Elevator Tracks; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon, in which—

Figure 1 is a side elevation, showing elevator thereon. Fig. 2 is a transverse view, showing track inverted. Fig. 3 is a transverse view, showing track and elevator in the position shown in Fig. 1. Fig. 4 is a top view. Fig. 5 is a detached view of supporting-hook.

This invention has relation to the peculiar construction of tracks designed for hay elevators and conveyers; and its nature consists in providing two pieces of angle-iron arranged substantially as shown, and in providing a U-shaped fastening at its ends, and in the several parts and combination of parts hereinafter set forth.

Similar letters of reference indicate corresponding parts in the drawings.

A represents the angle-irons, of which the track proper is composed, and which are substantially of the form shown in the drawings. The angle-irons A are placed parallel, as shown in Fig. 4, and are held at the desired distance apart by the splice-blocks B and the ferrules C, said pieces of angle-iron being firmly held together by suitable clamping bolts or rivets. The splice-blocks B are of the form shown in Fig. 4, and are placed between the angle-irons A, said angle-irons being so arranged that the splices will not be formed opposite each other, thereby giving strength to the track. The ends of the angle-iron upon one side of the splice-block B are riveted or bolted to said splice-block, on the opposite side of which the opposite angle-iron is riveted or bolted at or near its center to said splice-block, the rivets or bolts passing through both of said angle-irons A.

At suitable distances are placed the ferrules C, and are held in proper position by the rivets or bolts c, and are for the purpose of holding at the desired distance apart the angle-irons A. The track proper is held in the desired

position by means of the T-shaped hooks D, the U-shaped fastening E, and the hook F. The hooks D are provided with T-shaped heads d, so as to embrace the downward-projecting portions of the angle-irons A, thereby assisting in holding said angle-irons in proper position relative to each other. These hooks D are attached to the rafters or other suitable timbers designed to support the track.

The ends of the track proper are provided with the U-shaped fastening E, the open end being riveted or bolted to the downward-projecting portions of the angle-irons A. Within this fastening is placed the hook F, as shown in Fig. 4. This hook is formed with a square portion, so as to prevent its turning on the support through which it passes, and is firmly held in position by the head f. The object of the hook F and the U-shaped fastening is to prevent the track from swinging on the hooks D, and at the same time permitting the track to turn sufficiently for the swing of the elevator.

By forming a track for hay-elevators as described, I am enabled to place the hooks D at any points desired within the limits of the track, and at the same time am enabled to place and securely hold at any point desired the stop-block G. I am also enabled to use the track as shown in Fig. 2, or it may be inverted and used as shown in Fig. 3, either position having a suitable surface for the movements of the traveling wheels of a hay-elevator.

It will be seen that by forming a track of two pieces of angle-iron I am enabled to form a track that will be light, easily adjusted, and at the same time well adapted for the purpose for which it is designed.

Having now fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A track for hay-elevators, composed of two parallel pieces, A, each constructed with horizontal and vertical flanges, with the vertical flanges united together, substantially as described.

2. A track for hay-elevators, composed of two parallel pieces, A, each constructed with horizontal and vertical flanges, splicing-blocks B, and spacing-ferrules C through which the rivets or bolts c pass, substantially as described.

3. In a hay-elevator, the combination of the parallel pieces A, each having horizontal and vertical flanges, the suspending - blocks D, passing between the vertical flanges, and having
5 T-shaped ends on which the parallel pieces are supported, and devices for spacing and holding the said pieces in proper parallel position, substantially as described.

10 4. The combination, in a hay-elevator, of two parallel pieces, A, each having horizontal and vertical flanges, with the suspending-hooks D, passing between the vertical flanges, and having T-shaped lower ends upon which the parallel pieces are supported, substan-
15 tially as described.

5. The combination, with the metallic track of a hay-elevator, of the U-shaped fastening

E, clasp ing the end of the track between its arms, and riveted or bolted to said track, and the hook F, engaging said U-shaped fasten- 20 ing, substantially as described.

6. The combination, in a hay-elevator, of parallel pieces A, with the joints alternating, the splicing-blocks B, to one side of which the ends of the pieces A are secured, said sus- 25 pending-hooks D passing between the parallel pieces, substantially as described.

In testimony that I claim the above I have hereunto subscribed my name in presence of two witnesses.

JACOB NEY.

Witnesses:

JOHN A. MACK,

FRED W. BOND.