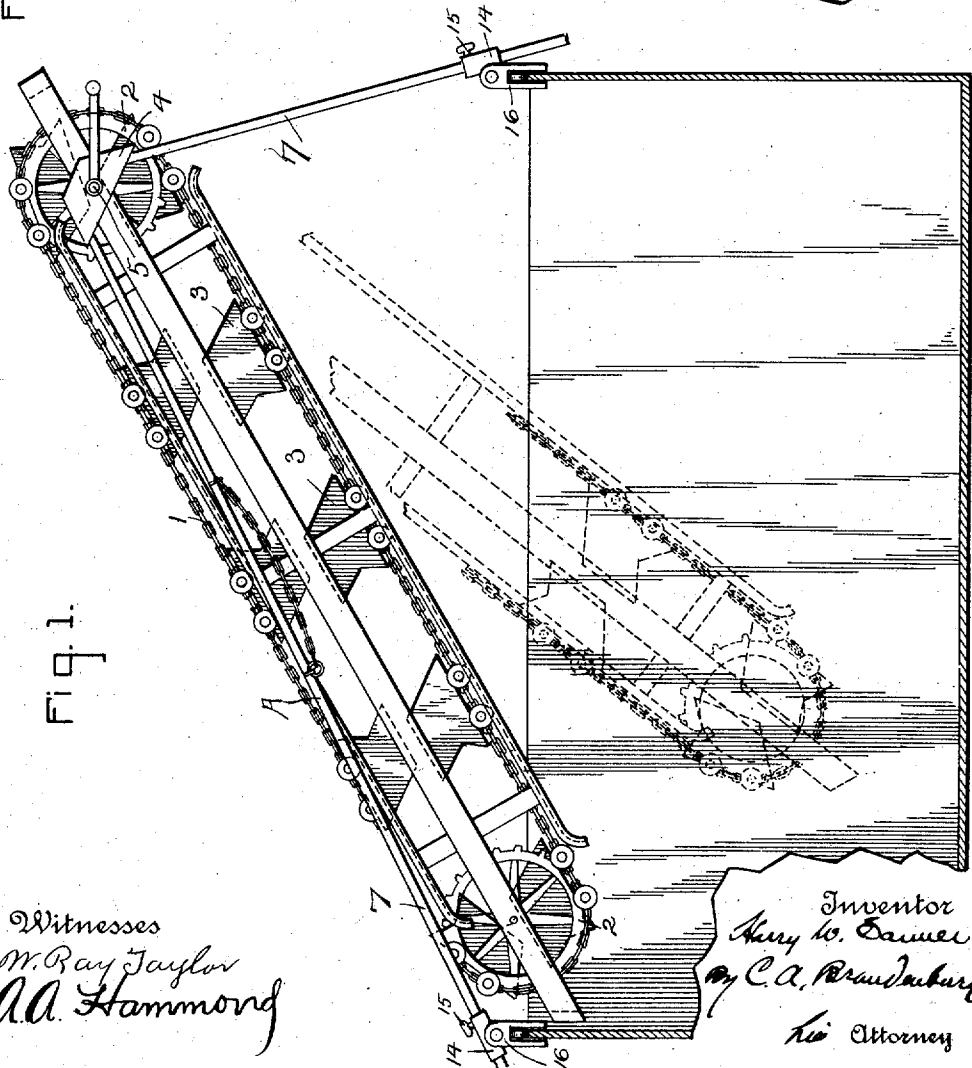
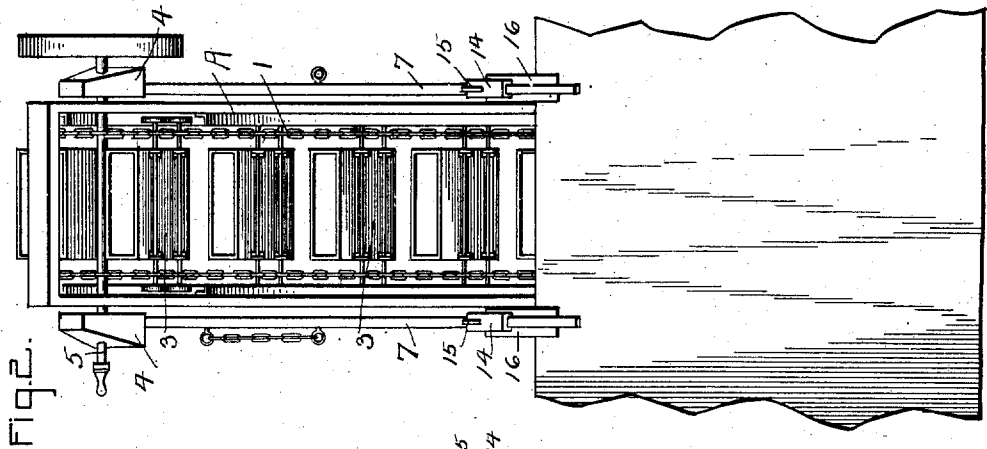


H. W. SANNER.  
SUPPORT FOR CONVEYERS.  
APPLICATION FILED JULY 15, 1910.

987,325.

Patented Mar. 21, 1911.

3 SHEETS—SHEET 1.



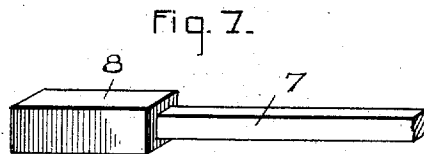
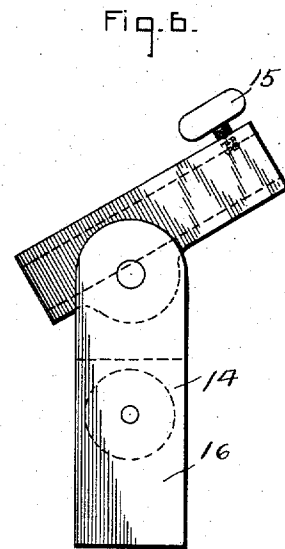
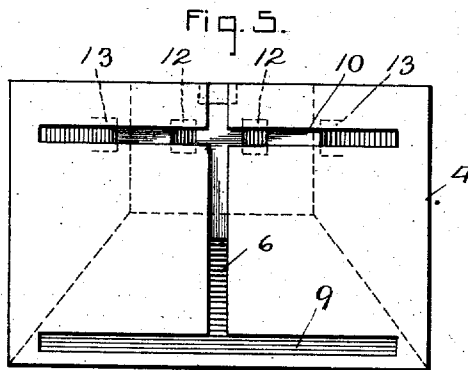
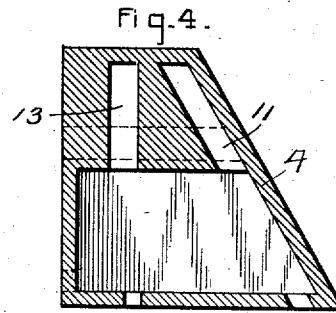
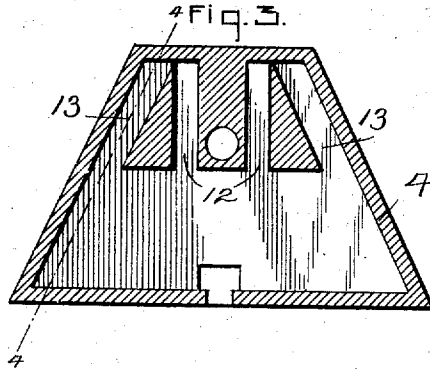
Witnesses  
W. Ray Taylor  
A. A. Hammond

Inventor  
H. W. Sanner  
By C. A. Brandenburg  
his Attorney

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Patented Mar. 21, 1911.

3 SHEETS—SHEET 2.



Witnesses  
W. Ray Taylor  
A. A. Hammond

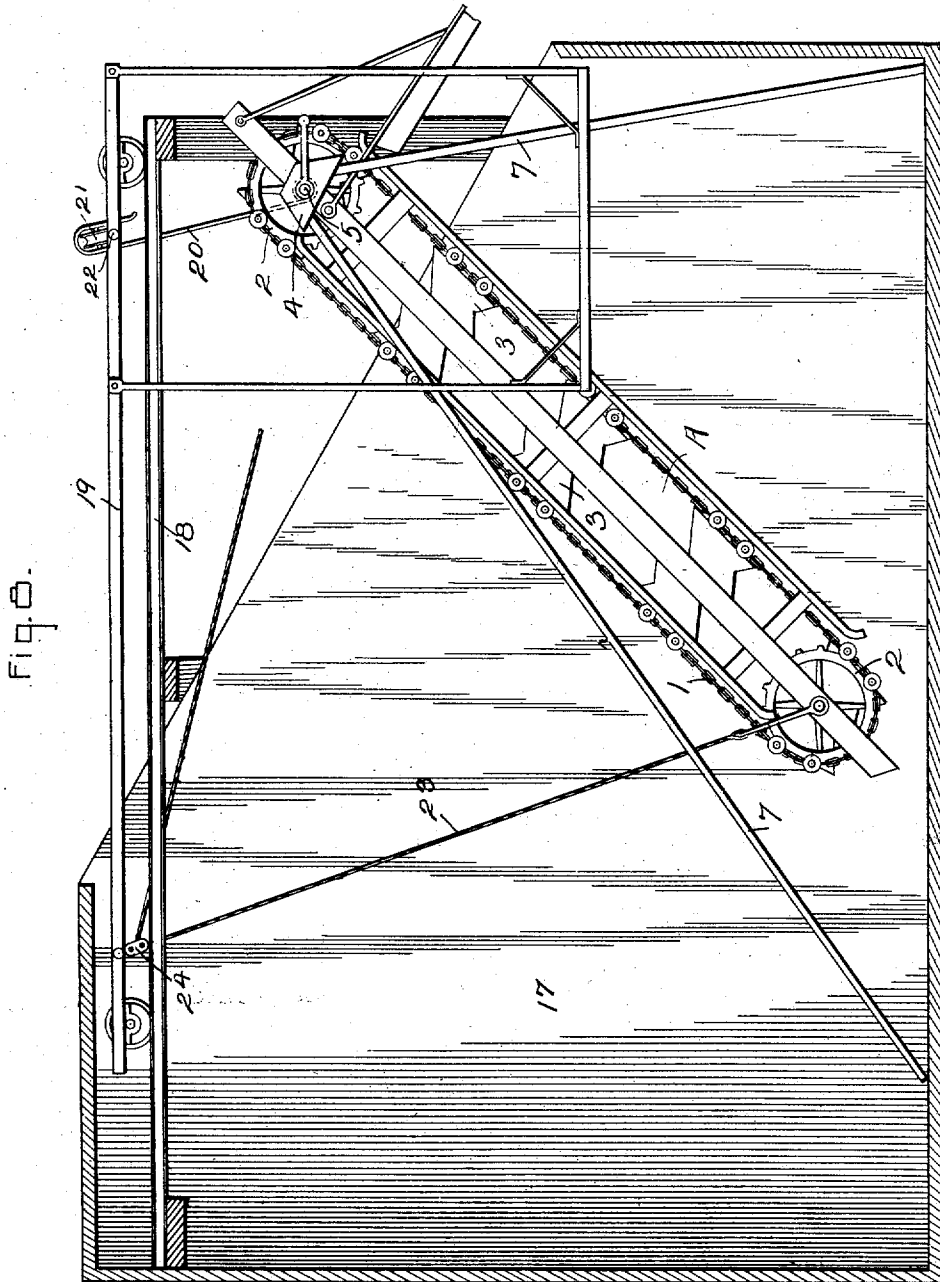
Inventor  
Harry W. Sanner  
By C. A. Brandenburg  
Attorney

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3 SHEETS—SHEET 3.



Witnesses  
W. Ray Taylor.  
A. A. Hammond

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his Attorney

# UNITED STATES PATENT OFFICE.

HARRY W. SANNER, OF BALTIMORE, MARYLAND.

## SUPPORT FOR CONVEYERS.

987,325.

Specification of Letters Patent.

Patented Mar. 21, 1911.

Application filed July 15, 1910. Serial No. 572,166.

*To all whom it may concern:*

Be it known that I, HARRY W. SANNER, a citizen of the United States, residing at Baltimore, in the State of Maryland, have invented certain new and useful Improvements in Supports for Conveyers, of which the following is a specification.

My invention relates to an improvement in supports for conveyers, and more particularly to conveyers used for loading coal from a car or bin to a vehicle.

The object is to provide means whereby the support can be adjusted to allow the conveyer to be swung to different angles.

The invention consists in certain novel features of construction and combinations of parts which will be hereinafter fully described and pointed out in the claims.

In the accompanying drawings:—Figure 1 is a view in side elevation showing the invention applied to a car, and indicating in full and dotted lines some of the positions taken by the conveyer in removing the material from a car; Fig. 2 is an end view; Fig. 3 is a longitudinal sectional view through one of the heads of the support; Fig. 4 is a cross-sectional view of the head; Fig. 5 is a bottom plan view of the head; Fig. 6 is a detail view of the clamp; Fig. 7 is a view of one of the props; and Fig. 8 is a view in elevation showing a modified form of a support for supporting the conveyer support in a bin.

A represents a conveyer, which consists of endless chains 1 passing over sprocket wheels 2, and mounted upon the sprocket wheels are buckets 3. Mounted upon the frame of the conveyer are heads 4, 4. A shaft 5, which supports the upper sprocket wheels, supports the heads 4, pins passing through the end of the shaft for holding the heads thereon. The heads 4 are provided with longitudinal slots 6 which form a guideway through each head for the props 7, the props 7 being provided with enlarged ends 8, which support the props within the head as they are moved in the slots 6. Leading from the slots 6 at right angles thereto and on each side thereof, are passages 9 and 10, the passage 9 leading to pockets 11, 11, and the passage 10 leading to pockets 12, 12, and 13, 13. As the prop is moved through the slot 6, and is conducted, for instance, through the passage 10, the prop will enter either the vertical pockets 12, or the inclined or diagonal pockets 13, so that

the props will be held in a vertical or diagonal position, but when they are moved into the passage 9, the props will enter the inclined or diagonal pockets 11, thereby causing the props to extend in a diagonal direction from the head.

In some instances, it will be necessary to support the conveyer by inserting one pair of props in the vertical pockets, and the other pair on the opposite side of the conveyer in the diagonal pockets 11 or 13, as occasion requires, this being especially necessary when the conveyer is supported over the side of a car and near one end.

Clamps 14 are adapted to receive the props 7 therethrough, and the props are locked or connected to the clamps by means of thumb screws 15. Hooks 16 are pivotally connected to the clamps 14 whereby the clamps can be connected to the side of the car or vehicle when the conveyer is being used.

In the modified form shown in Fig. 8, I have shown the conveyer supported in a bin 17, which is provided with a track 18, upon which is mounted a carriage 19. The conveyer is supported upon the carriage by means of hooks 20 which engage the shaft 5. The hooks are provided with rollers 21 which are supported upon transverse bars 22 of the carriage. These roller-carrying hooks permit the conveyer to be shifted to different positions in the bin. A rope 23 is connected to the lower end of the conveyer passing over a pulley 24, by which rope the conveyer can be raised before shifting it to a new position in the bin.

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

1. A support for conveyers, comprising heads having longitudinal slots and passages leading from the slots, pockets formed at the ends of the passages, and props received in the pockets, capable of being transferred from one pocket to another through the passages and slots.

2. In a support, the combination with heads having slots therein and passages leading from the slots, of vertical and diagonal pockets formed in the passages, and props received in the pockets adapted to be conducted through the slots and passages to the different pockets.

3. In a support for conveyers, the combination with a conveyer having a shaft, of

heads mounted upon the shaft, a plurality of pockets formed in the heads, and props received in the pockets, said props adapted to be shifted to different pockets, whereby the conveyer can be held in different positions.

4. In a support for conveyers, the combination with a conveyer having a shaft, of heads mounted upon the shaft, a plurality of vertical and diagonal pockets formed in the heads, and props received in the pockets for holding the conveyer in different positions.

5. In a support, the combination with a

conveyer, of heads connected to the conveyer, props connected to the heads for holding the conveyer in position, a carriage, means connecting the conveyer to the carriage, whereby the conveyer can be shifted to different positions.

In testimony whereof I affix my signature, 20  
in the presence of two witnesses.

HARRY W. SANNER.

Witnesses:

CHARLES D. MEINKEN,  
PHILIP B. ROLLE.

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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."

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