

No. 831,709.

PATENTED SEPT. 25, 1906.

W. J. COCKLIN.  
TRACK EXTENSION.

APPLICATION FILED JUNE 1, 1906.

Fig. 1.

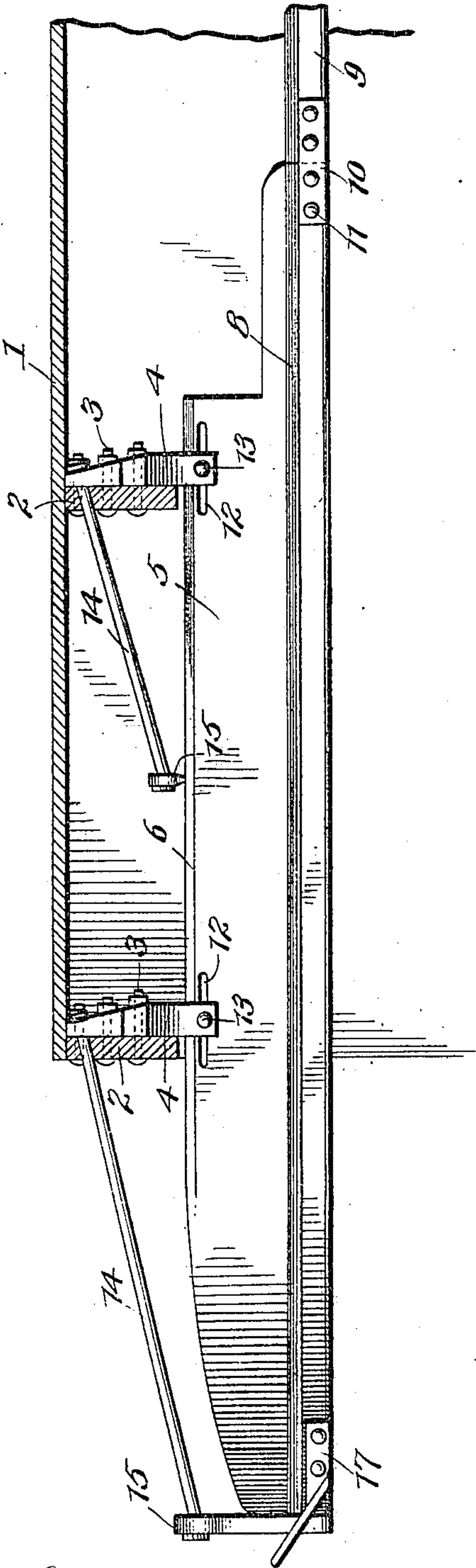


Fig. 2.

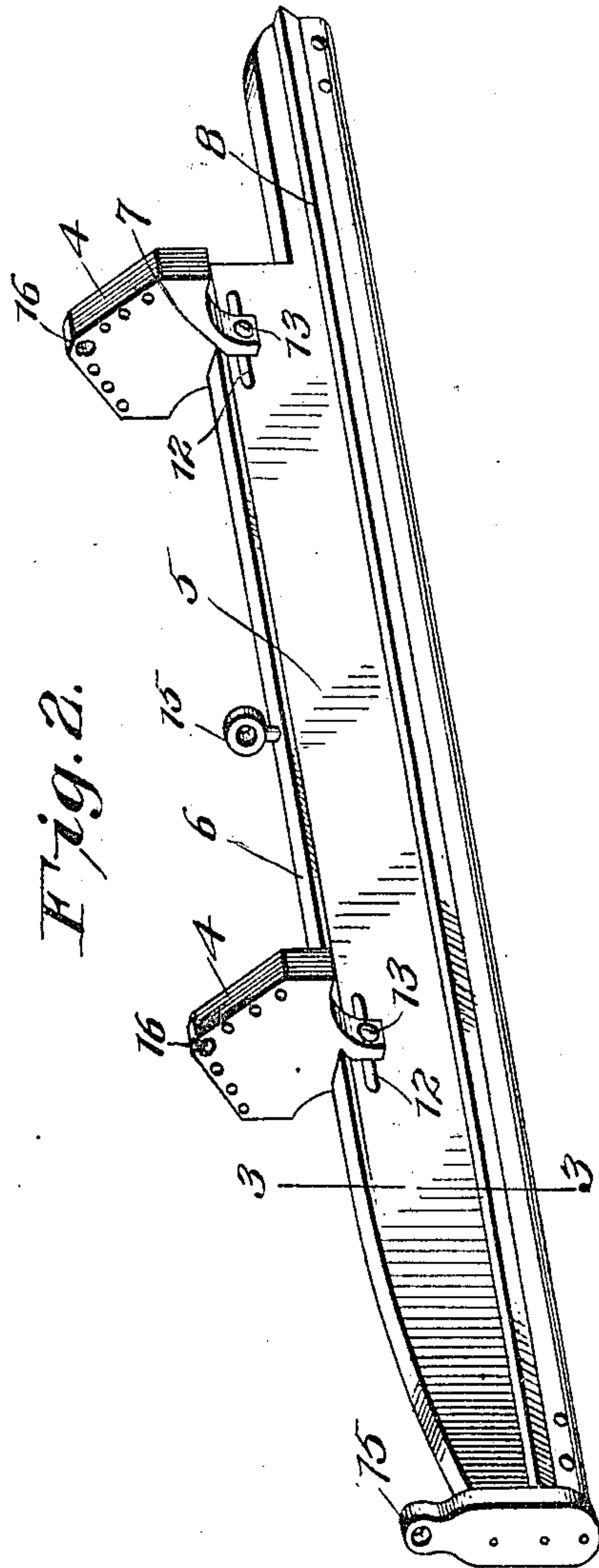
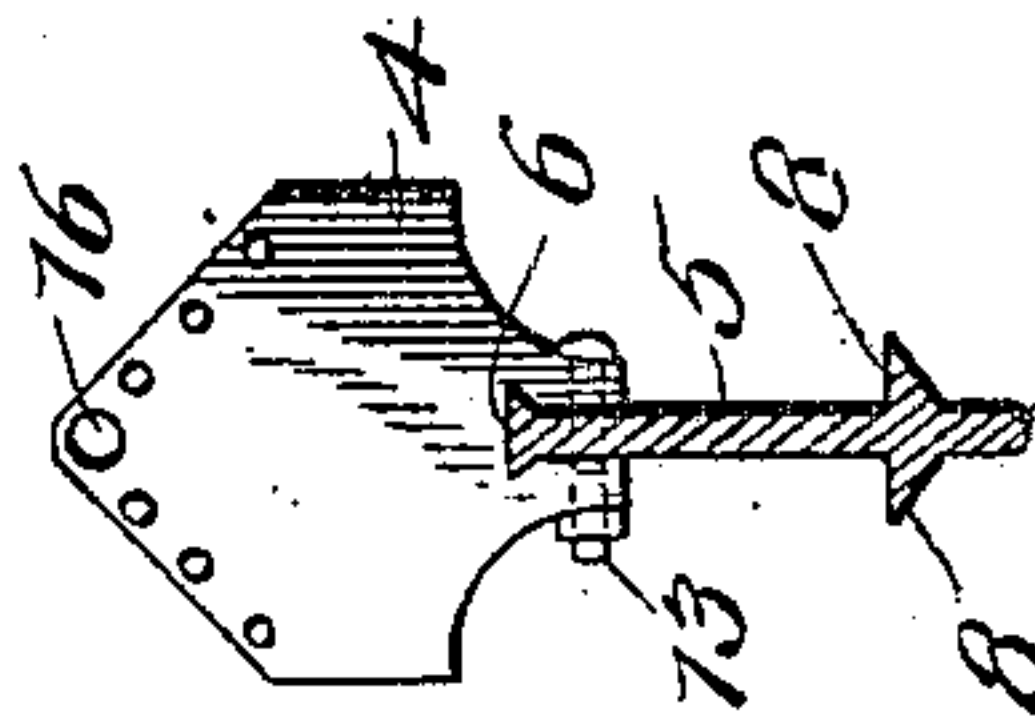


Fig. 3.



Inventor

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# UNITED STATES PATENT OFFICE.

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## TRACK EXTENSION.

No. 831,709.

Specification of Letters Patent.

Patented Sept. 25, 1906.

Application filed June 1, 1906. Serial No. 319,755.

*To all whom it may concern:*

Be it known that I, WILLIAM J. COCKLIN, a citizen of the United States, residing at Rising City, in the county of Butler and State of Nebraska, have invented certain new and useful Improvements in Track Extensions; 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.

My invention relates to new and useful improvements in track extensions, and more particularly to that class adapted to be used in connection with the usual form of track to extend it a distance through an opening in the end of a barn or storage-place; and my object is to provide means whereby a strong and durable track will be produced and one that is more or less impervious to the action of the weather.

Other objects and advantages will be hereinafter referred to and more particularly pointed out in the claims.

In the accompanying drawings, which are made a part of this application, Figure 1 is an elevation of my improved track extension secured in place to the roof of a barn and in cooperation with the main carrying-track. Fig. 2 is a perspective view of my improved extension removed from position; and Fig. 3 is a sectional view as seen from line 3 3, Fig. 2.

Referring to the drawings, in which similar reference-numerals designate corresponding parts throughout the several views, 1 indicates the roof of a building, said roof being supported by suitable rafters 2, the roof and rafters being constructed in the usual or any preferred way, the rafters having secured thereto by bolts 3 or the like suitable hanger-plates 4, said plates having bifurcated lower ends and are adapted to receive therebetween a web portion 5, said web having a dove-tailed upper edge 6, which enters the dove-tailed groove 7 between the bifurcated portion of the hanger-plate, thereby firmly securing the plates to the web. The lower portion of the web 5 is provided on each side thereof with ledges 8, upon which is designed to travel the usual form of car (not shown)

employed in depositing hay or the like in a building.

The extension proper is secured to the main track 9 by means of plates 10, said plates being disposed over the joint between the main track and extension and are secured thereto by means of bolts or the like 11. The web 5 is provided at intervals with elongated slots 12, through which is inserted bolts 13, said bolts extending through the bifurcated ends of the hanger-plates and by which means the bolts are adjustably secured to the web. The extension is also provided with suitable trusses 14, said trusses extending through keepers 15 on the extension and through suitable openings 16 in the hanger-plates 4. One of the keepers 15 is secured to the outer end of the extension and forms a stop for the car. The extension is also provided at its outer end with a trip-plate 17, the object of said plate being to release the fork from the carriage when the carriage is moved to the outer end of the extension.

The extension is preferably composed of metal, while the main track may be composed of wood, if desired. It has been found by experience that when the extension is composed of wood it soon becomes decayed and useless and requires considerable time to place the same in position, while by using my improved extension the same will last for years and can be very quickly and easily secured in position upon the rafters and attached to the main track.

What I claim is—

1. An extension of the class described comprising a web having a dovetailed upper edge, parallel track extensions on said web, hanger-plates having bifurcated lower ends and dovetailed grooves to receive the upper edge of the web, means to secure said extension to the main track, means to adjustably secure said hanger-plates to the web, and brace members for said extension.

2. An extension of the class described comprising a web, ledges on said web, means to secure said extension to the main track and additional means to secure said extension to the roof of a building.

3. In an extension of the class described,

the combination with a main track, of an extension, ledges on said extension, hanger-plates, means to adjustably secure the hanger-plates to said extension, brace-rods  
5 for said extension and means to secure said hanger-plates to the roof of a building.

In testimony whereof I have signed my

name to this specification in the presence of two subscribing witnesses.

WILLIAM J. COCKLIN.

Witnesses:

S. D. MAUCK,  
H. GARHAN.