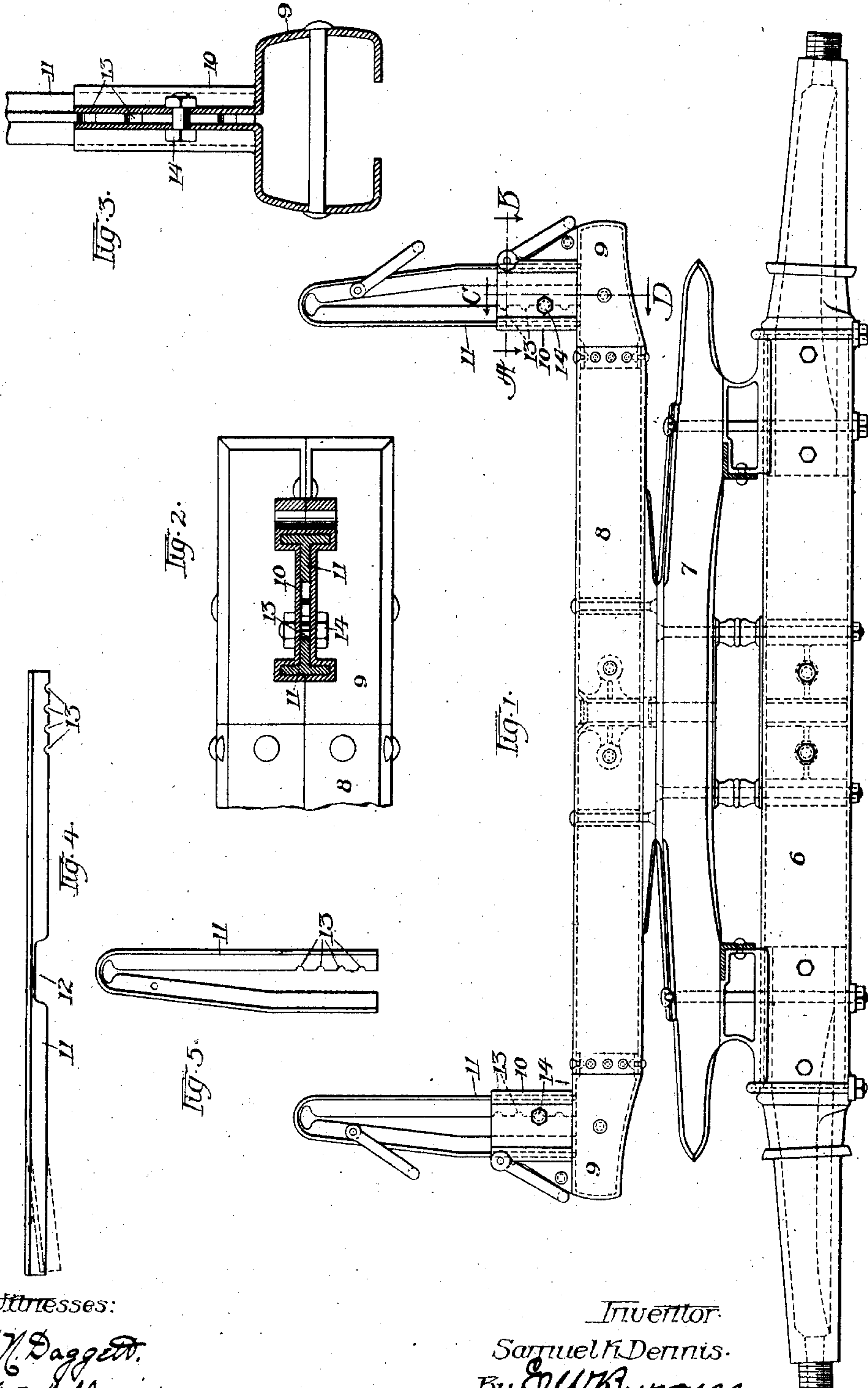


No. 883,301.

PATENTED MAR. 31, 1908.

S. K. DENNIS.  
WAGON RUNNING GEAR.  
APPLICATION FILED SEPT. 27, 1907.



Witnesses:

J. W. Daggett.  
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# UNITED STATES PATENT OFFICE.

SAMUEL K. DENNIS, OF CHICAGO, ILLINOIS, ASSIGNOR TO INTERNATIONAL HARVESTER COMPANY, A CORPORATION OF NEW JERSEY.

## WAGON RUNNING-GEAR.

No. 883,301.

Specification of Letters Patent.

Patented March 31, 1908.

Application filed September 27, 1907. Serial No. 394,785.

*To all whom it may concern:*

Be it known that I, SAMUEL K. DENNIS, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Wagon Running-Gear, of which the following is a specification.

My invention relates to running gears, and in particular to an improved form of standard and standard receiving sockets in connection with the bolsters forming a part of such running gear; the object of the invention being to provide a substantial socket and standard, and also to provide means whereby the standard may be adjusted vertically relative to the socket. I attain these objects by the mechanism illustrated in the accompanying drawing, in which—

Figure 1 is a front elevation of a part of a running gear embodying my invention. Fig. 2 is a section on line A—B of Fig. 1. Fig. 3 is a section on line C—D of Fig. 1. Fig. 4 is a plan view of a blank from which a standard is formed; and Fig. 5 is a view showing the standard as completed.

Like parts are designated by the same reference numerals throughout the several views.

6 represents an axle, 7 a sand bar and 8 a bolster; the axle and bolster being made in a manner as fully described in Letters Patent granted to myself on July 9, 1907, No. 859,209, the two U-shaped bars forming the bolster being provided with extension members secured to opposite ends thereof, said extension members having body portions conforming substantially in shape to that of the U-shaped bars, and having vertical members integral therewith and forming standard-sockets adapted to receive standards 11, which standards are preferably formed of T-shape bars having a portion of one web cut away intermediate the ends of the bar, as shown at 12 in Fig. 4. The bar is then bent in U-form, as shown in Fig. 5, and provided with a series of openings 13 in one leg thereof that are adapted to receive a bolt 14 when the standard is inserted in the socket, which bolt clamps the separable members of the socket against the standard in a permanent manner, the standards being ad-

justable vertically relative to the sockets, as desired, by placing the bolts in any one of the series of openings 13.

The vertical parts of the extension members are preferably formed in a manner providing a pair of standard sockets that are adapted to receive the separate legs of standards formed of T-shape bars bent in U-form, as shown in Fig. 2.

What I claim as my invention, and desire to secure by Letters Patent, is:

1. In a wagon running gear, the combination of a bolster provided with standard sockets, standards adapted to be received by said sockets, said standards being formed from single bars having a cross section of T-shape and a portion of one web thereof cut away intermediate the ends of the bar, said bar being bent in substantially U-form and one of the legs thereof being provided with a bolt receiving opening whereby said standards may be secured in said sockets.

2. In a wagon running gear, the combination of a bolster provided with standard sockets, standards adapted to be received by said sockets, said standards being formed from single bars having a cross section of T-shape and a portion of one web thereof cut away intermediate the ends of the bar, said bar being bent in substantially U-form, and one of the legs thereof being provided with a series of bolt receiving openings whereby said standards may be secured in said sockets and be adjusted vertically therein.

3. A running gear for wagons having, in combination, a bolster, said bolster comprising a pair of U-shaped bars secured together in tubular relation and having at opposite ends thereof extensions secured thereto, said extensions comprising separate plates having body portions substantially conforming in shape with that of said U-shaped bars, and vertical members integral therewith and spaced apart in a manner to form a pair of standard-sockets and standards having legs received by said sockets.

4. A running gear for wagons having, in combination, a bolster, said bolster comprising a pair of U-shaped bars secured together in tubular relation and having at opposite ends thereof extensions secured thereto, said

extensions comprising separate plates having  
body portions conforming in shape substan-  
tially with said U-shaped bars, and vertical  
members integral therewith, said vertical  
5 members being spaced apart in a manner to  
receive standards between them, standards,  
said standards having two legs and securing

means adapted to clamp said plates against  
said standard legs.

SAMUEL K. DENNIS.

Witnesses:

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