

O. GRIMWOOD.
 LOADER AND UNLOADER ATTACHMENT.
 APPLICATION FILED SEPT. 14, 1908.

929,937.

Patented Aug. 3, 1909.

2 SHEETS—SHEET 1.

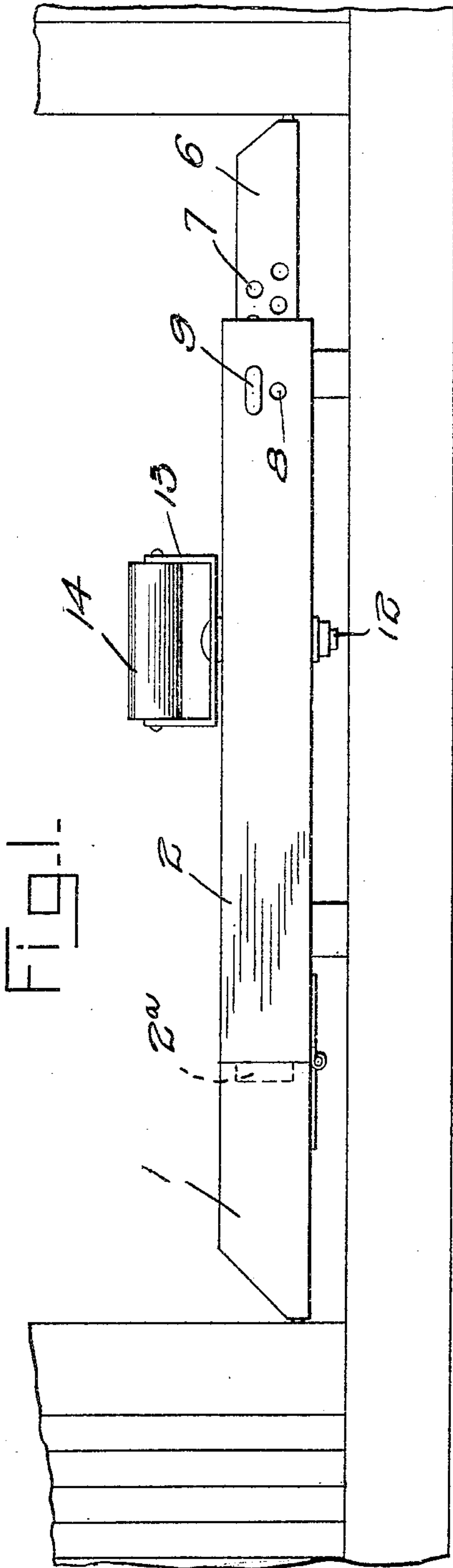
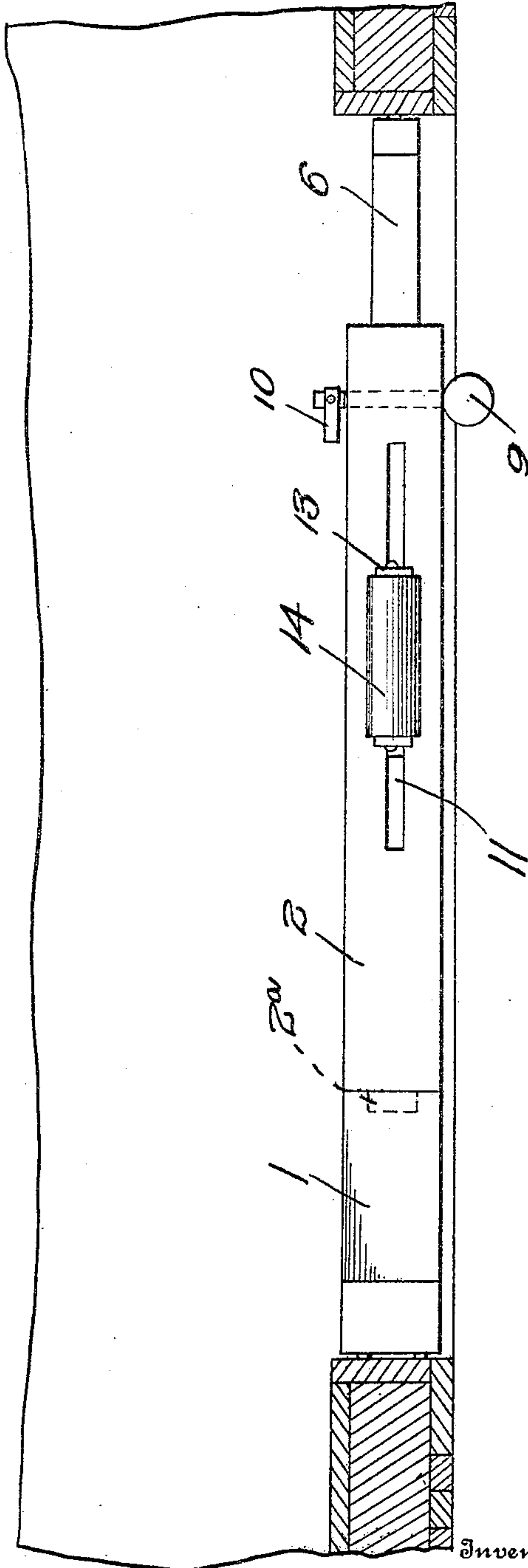


Fig. 1-

Witnesses

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Fig. 2.



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By

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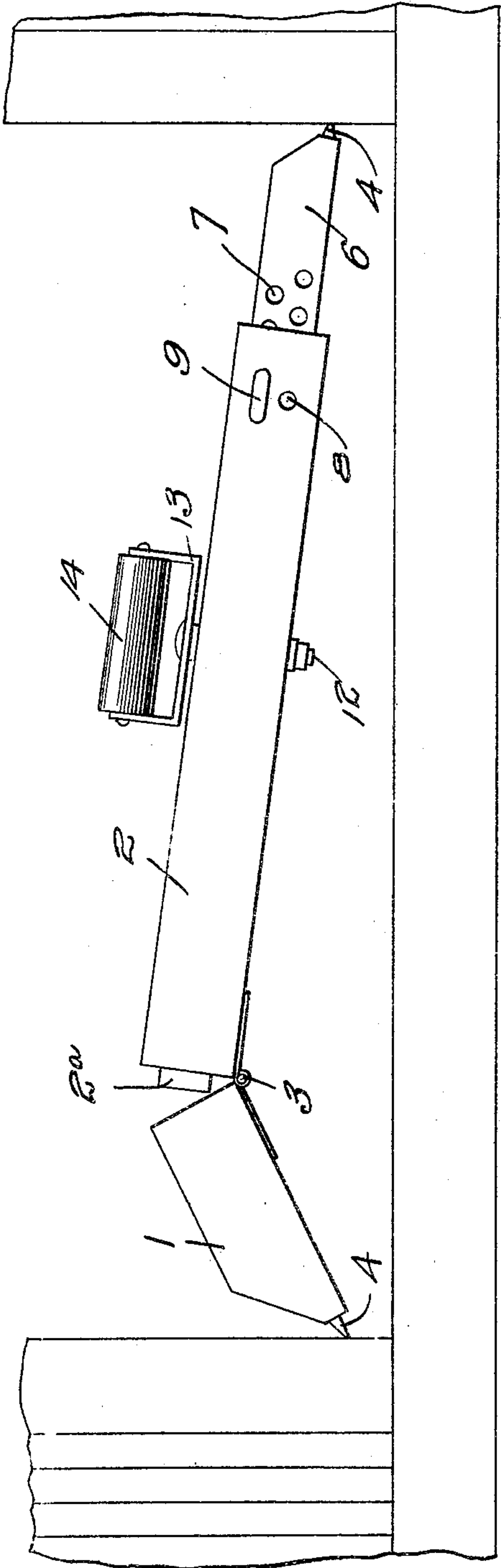


Fig. 3.

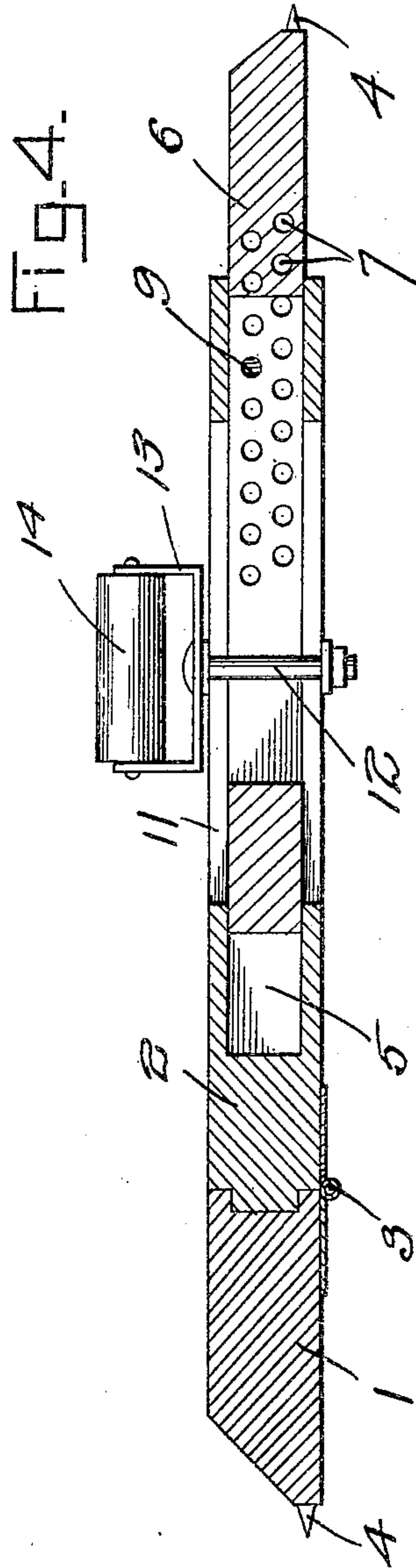


Fig. 4.

Witnesses

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UNITED STATES PATENT OFFICE.

OSCAR GRIMWOOD, OF OWENSVILLE, INDIANA.

LOADER AND UNLOADER ATTACHMENT.

No. 929,937.

Specification of Letters Patent.

Patented Aug. 3, 1909.

Application filed September 14, 1908. Serial No. 452,879.

To all whom it may concern:

Be it known that I, OSCAR GRIMWOOD, a citizen of the United States, residing at Owensville, in the county of Gibson and State of Indiana, have invented a new and useful Loader and Unloader Attachment; 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.

The invention relates to improved means for loading and unloading cars, vehicles and the like.

The present invention is herein shown applied to a car.

In the drawings, Figure 1 is a side elevation of my device showing the same applied to a car door. Fig. 2 is a plan view of the same. Fig. 3 is a side elevation showing the device in the act of being applied to the doorway of a car. Fig. 4 is a longitudinal sectional view of the same.

Referring to the drawings, 1 and 2 designate the main body members of my invention. The member 2 is provided with a longitudinal recess 5 in which is adjustably inserted a member 6. The member 6 is provided with a series of perforations 7 which are adapted to register with perforations 8 of the member 2. A pin 9 is provided which engages the aforesaid perforations as clearly shown in the drawings. The pin 9 holds the members 2 and 6 at the desired adjustments. The end of the pin 9 is provided with a pivoted member 10 which is designed to lock said pin against accidental displacement. A slot 11 is formed in the members 2 and 6 through which a pin 12 is inserted, on the upper end of which a U-shaped frame 13 is pivotally mounted, having a roller 14 mounted in the upper portion thereof. It will be seen that the pin 12 can be moved to any position within the slot 11 as convenience may require.

The members 1 and 6 are provided with metallic teeth or pins 4 adapted to be inserted in the sides of the car door.

The members of this device may be made of wood, metal or other suitable material.

In practice, the device is placed in the car door in the position shown in Fig. 3, when the members 1 and 2 are pressed downward until the device assumes the position shown in Fig. 1. The members 1 and 2 are hinged

together as at 3, and the member 2 is provided with a projection 2^a which engages a suitable recess in the member 1 for holding the two members in registration with each other. When the device is arranged as shown in Fig. 1 of the drawings, the car is then ready to be loaded or unloaded.

The operation of the device is as follows: One end of the lumber is placed upon the roller 14 whereby the said lumber can be easily moved in or out of said car.

It will be seen that my invention is simple, efficient and durable and that the same can be readily applied to the door of a car or large vehicle in a very simple and convenient manner.

What is claimed is:

1. A device of the class described having teeth projecting from its extreme ends, said device comprising two members connected together by a hinge, one of said members being provided with an integral projection, and adapted to engage a suitable recess in the adjoining member, and a roller, carried by one of said members, substantially as described.

2. A device for loading and unloading cars, comprising two members pivotally connected together, one of said members having a longitudinal recess adapted to receive a third member, means for holding said third member at the desired adjustment, a roller mounted upon said device, and means for securing said device to the sides of a car door.

3. A device for loading and unloading, comprising two members, hinged together, one of said members having a longitudinal recess adapted to receive a third member, means for adjusting said third member, and a roller adjustably mounted on said device, substantially as described.

4. A device of the class described having two members hinged together, one of said members being adjustably connected to a third member, whereby said device is adapted to engage door sides of various widths, and a roller, mounted upon said device.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

OSCAR GRIMWOOD.

Witnesses:

HENRY MAUCK,

BYRON M. JOHNSON.