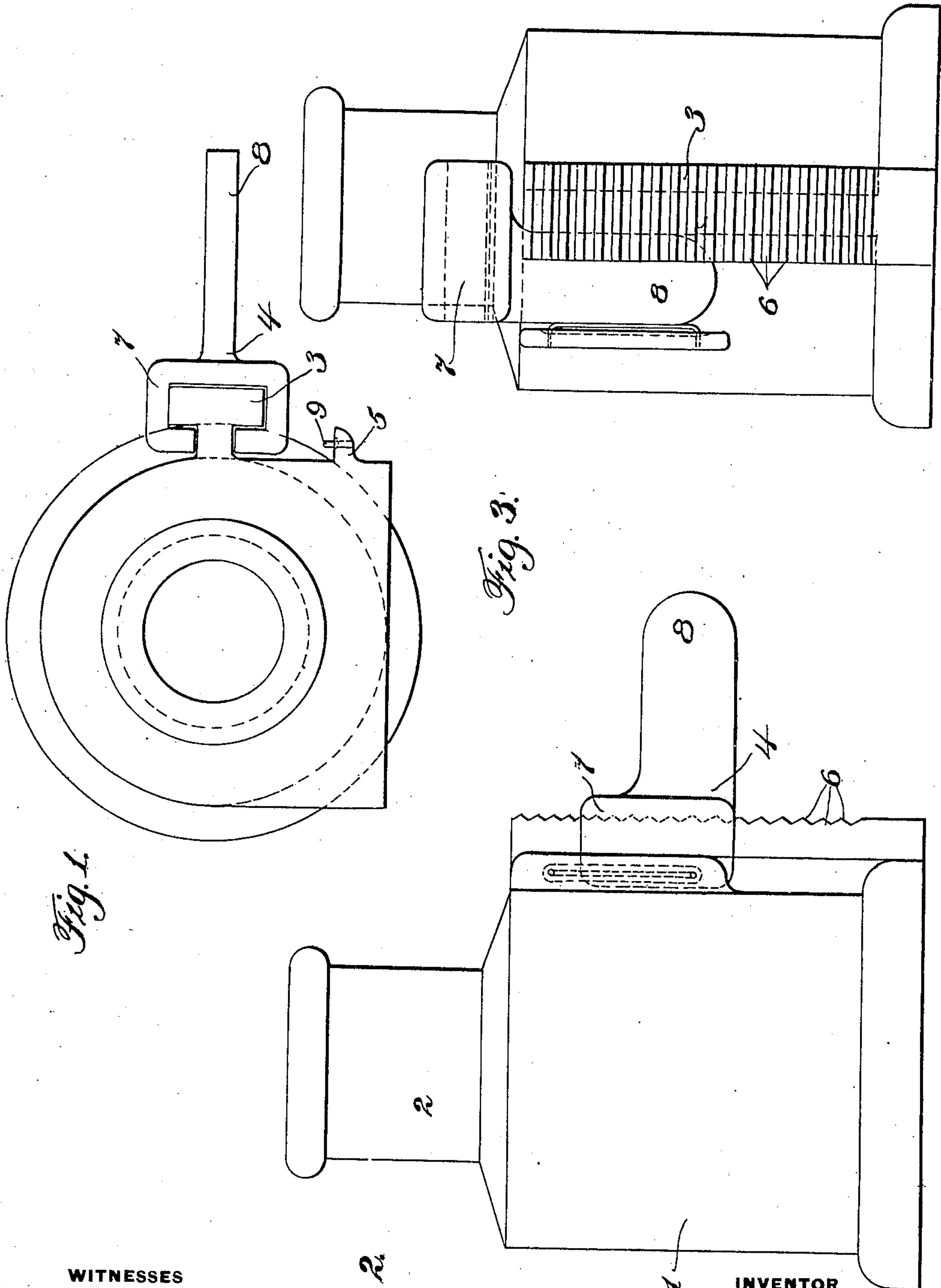


No. 882,004.

PATENTED MAR. 17, 1908.

M. L. JENKINS.  
LIFTING JACK.

APPLICATION FILED DEC. 14, 1906.



WITNESSES  
*Harvey L. Lechner*  
*J. C. Bradley*

INVENTOR  
*Merrill L. Jenkins*  
*Byatt's*  
*Symmes & Co. Engineers*

# UNITED STATES PATENT OFFICE.

MERRILL L. JENKINS, OF HARVEY, ILLINOIS, ASSIGNOR TO BUDA FOUNDRY & MANUFACTURING COMPANY, OF CHICAGO, ILLINOIS, A CORPORATION OF ILLINOIS.

## LIFTING-JACK.

No. 882,004.

Specification of Letters Patent.

Patented March 17, 1908.

Application filed December 14, 1906. Serial No. 347,753.

*To all whom it may concern:*

Be it known that I, MERRILL L. JENKINS, a citizen of the United States, residing at Harvey, in the county of Cook and the State of Illinois, have invented certain new and useful Improvements in Lifting-Jacks, of which the following is the specification.

My invention relates to lifting jacks designed to be used with cars for lifting the journals while the wheels are held down. The invention has for its objects; to provide an improved means for holding down the wheel while the journal is being raised; to provide a holding down means having a maximum range of adjustment, and to provide a means for conveniently receiving the holding down means when not in use. These and other objects are accomplished by my invention, one form of which is shown in the accompanying drawings, in which

Figure 1 is a plan view of the jack,

Figure 2 is a side elevation with the holding down means in operative position, and

Figure 3 is an end elevation of the jack with the holding down means occupying its receiving pocket.

Referring now to the drawings, 1 is the body of the jack, which may be of any improved form, 2 is the lifting bar, which in the present instance is designed to engage the journal of the axle, 3 is a T rib for adjustably engaging the holding down member, 4 is the holding down member provided with a head adapted to cooperate with the T rib, and 5 is a retaining rib for engaging one side of the shank of the holding down member when such member is in the position as shown in Figure 3. The head of the rib is provided with parallel teeth 6, for engaging corresponding teeth on the opposite face of the holding down member and so preventing any relative movement of parts when the holding down member has been positioned. The holding down member 4 has, as shown, a head portion 7 adapted to embrace the rib 3 and interlock therewith, which head as shown in Figs. 2 and 3 projects above the upper edge of the shank portion 8. The upper and lower edges of the shank 8 are formed alike so that either the upper or lower edge will cooperate with the rim of the car-wheel when the member is reversed. The holding down shank 8 is

shaped similarly on both sides as above described for the purpose of securing a maximum adjustment along the T rib 3, and it will be apparent that after the holding down member has been adjusted to its highest point with the head 7 projecting upward, it can be adjusted to still a higher limit by taking such holding down member from the T rib and turning it over so that the head projects downwardly and the upper edge of the shank 8 is in a position above its previous position. This reversal of the position of the holding down member is possible because of the similarity of contour of the upper and lower edges of the shank portion 8, which arrangement it will be seen, enables the use of the long head portion 8 without reducing the range of adjustment of the member. The retaining rib 5 is placed away from the T rib 2 a sufficient distance to permit of the reception of the shank between such rib and the T rib, thus affording a convenient pocket for the shank of the holding down member when such member is not in use. In order to hold the shank 8 in position between the retaining rib 5 and the T rib, a spring 9 is provided as indicated in Figures 2 and 3, which spring is adapted to press against the edge of the shank 8 when it is fitted between the two ribs. This arrangement provides for the secure holding of the retaining member when such member is not in use.

Having thus described my invention and illustrated its use, what I claim as new and desire to secure by Letters Patent, is the following;

1. In combination with the body portion of a jack having a vertical engaging T rib, of a holding down member comprising a shank with opposing edges of similar contour, and a head provided with a T slot substantially at right angles to the shank for making sliding interlocking engagement with the rib and extending beyond one edge of the shank.

2. In combination with the body portion of a jack having a vertical T rib and a substantial parallel retaining rib, of a holding down member comprising a head adapted to make sliding interlocking engagement with the T rib and a shank adapted to fit the space between the T rib and the retaining rib.

3. In combination with the body portion



of a jack having a vertical T rib and a substantial parallel retaining rib provided with a spring, of a holding down member comprising a head adapted to make sliding interlocking  
5 engagement with the T rib and a shank adapted to fit the space between the T rib and the spring on the retaining rib.

In testimony whereof I have hereunto signed my name in the presence of the two subscribed witnesses.

MERRILL L. JENKINS.

Witnesses:

E. M. ADAMS,  
F. E. PLACE.