No. 770,510. PATENTED SEPT. 20, 1904.

H. P. STULLKEN.

WHEEL BLOCK.

APPLICATION FILED JULY 16, 1904.

NO MODEL.

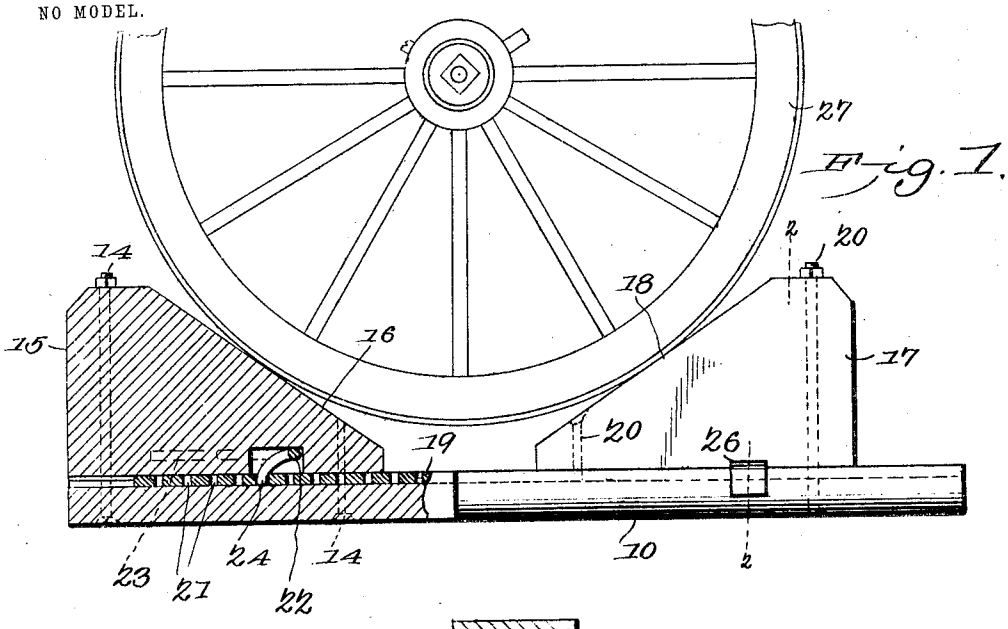


Fig. 1.

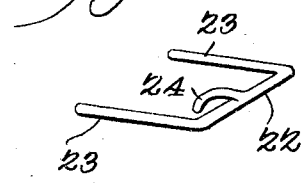


Fig. 5.

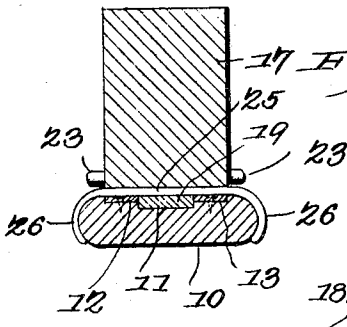


Fig. 2.

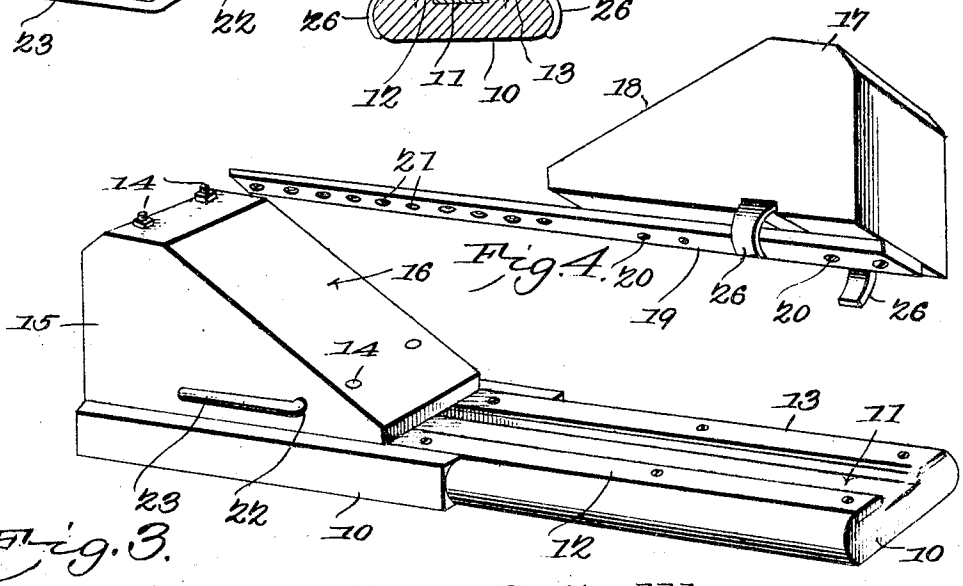


Fig. 4.

Fig. 3.

Witnesses
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No. 770,510. Patented September 20, 1904.

UNITED STATES PATENT OFFICE.

HENRY P. STULLKEN, OF EDWARDSVILLE, ILLINOIS.

WHEEL-BLOCK.

SPECIFICATION forming part of Letters Patent No. 770,510, dated September 20, 1904.

Application filed July 16, 1904. Serial No. 216,862. (No model.)

To all whom it may concern:

Be it known that I, HENRY P. STULLKEN, a citizen of the United States, residing at Edwardsville, in the county of Madison and State of Illinois, have invented a new and useful Wheel-Block, of which the following is a specification.

This invention relates to devices for blocking and adjusting the wheels of threshing, shredding, sawing, and similar machines, portable engines, and similar apparatus to maintain them in a level position when in action, and has for its object to produce a simply-constructed and efficient device of this character whereby the wheels of the apparatus to which it is applied may be quickly adjusted to any required extent.

In operating threshing-machines, shredding-machines, sawing-machines, portable engines, and the like it is necessary to adjust them to a level position to insure their proper action, and this is accomplished by "blocking up" the ground-wheels until the framework and its attachments are in the required position, and the present invention is designed to thus quickly and effectually "block" the wheels.

With these and other objects in view, which will appear as the nature of the invention is better understood, the same consists in the novel features of construction hereinafter fully described and claimed.

In the accompanying drawings, forming a part of this specification, and in which corresponding parts are denoted by like designating characters, is illustrated the preferred form of the embodiment of the invention capable of carrying the same into practical operation, it being understood that the invention is not necessarily limited thereto, as various changes in the shape, proportions, and general assemblage of the parts may be resorted to without departing from the principle of the invention or sacrificing any of its advantages.

In the drawings thus employed, Figure 1 is a side elevation, partially in section, of the improved device applied. Fig. 2 is a transverse section on the line 2 2 of Fig. 1. Figs. 3 and 4 are perspective views of the two principal portions of the improved device disconnected. Fig. 5 is a perspective view of the trip-catch detached.

The improved device consists of a base member 10, preferably of wood, for resting on the ground and provided with a longitudinal channel 11, and preferably provided with metal wear-strips 12 13 at the margins of the channel. Rigidly attached, as by bolts 14, to the base member at one end is a block 15, having its inner side inclined, as at 16, extending transversely of the channel. Mounted for movement longitudinally of the base member 10 is another block, 17, having its inner side inclined, as at 18, reversely to the inclined side of the rigid block. Movably disposed in the channel 11 is a bar 19, connected by one end to the movable block 17, as by bolts 20, and extending beneath the rigid block 15 and provided with spaced apertures 21. Mounted for rotation transversely of the rigid block 15 is a shaft 22, having operating handles 23 exteriorly of the block and a lateral arm 24, terminating in a hook for engagement with the apertures 21. By this means it is obvious that the block 17 may be adjusted longitudinally of the base member 10 and firmly locked in any position required within the range of the bar 19 and its perforations 21. The side edges of the base member 10 are preferably rounded where the block 17 travels, and the latter is provided with a guide-clip 25, with curved ends 26 for slidably engaging the rounded edges of the base member to hold the block 17 in position upon the base member.

By this simple device it is obvious that the wheels, one of which is indicated at 27, may be adjusted vertically to any desired extent by longitudinally adjusting the movable block 17, the vehicle-body, carrying the wheels with it, having first been elevated by a suitable "jack" or other hoisting device. Thus when a threshing-machine or other apparatus is to be adjusted the "low" point of the same is elevated to the required extent by a suitable jack, which is not shown, as it forms no part of the present invention, and the movable block adjusted until both blocks bear beneath the wheel, when the jack can be removed and

the machine thereafter supported entirely by the improved blocking device.

The blocks 15 17 may be protected by metal wear-plates upon the surfaces 16 18, if required.

The device is very simple in construction, effective in action, and may be constructed of any desired size and of any suitable material.

Having thus described my invention, what I claim is—

1. In a device of the class described, a base member having a block rigidly secured thereto, and with a locking means disposed therein, and a block movably mounted upon said base member and having a bar extending for adjustable engagement with said locking means.

2. In a device of the class described, a base member having a block rigidly secured thereto and with a longitudinal channel between said rigid block and base member, a block mounted for longitudinal movement upon said base member and provided with a bar for movably engaging said channel, and a locking means for adjustably engaging said bar.

3. In a device of the class described, a base member having a block rigidly secured thereto and with a longitudinal channel between said rigid block and base member, a block mounted for longitudinal movement upon said base member and provided with a bar for movably engaging said channel, and having spaced sockets and a latch for consecutive engagement with said sockets.

4. In a device of the class described, a base member having a block rigidly secured thereto and with a longitudinal channel between said rigid block and base member, a block mounted for longitudinal movement upon said base member and provided with a bar for movably engaging said channel and having spaced sockets, a latch member mounted for rotation in said rigid block and provided with an arm for projection into the path of said socket-bar and adapted to consecutively engage the sockets therein.

5. In a device of the class described, a base member having a central longitudinal channel, a block rigidly connected to said base member transversely of said channel, a block mounted for movement longitudinally of said base member and having a bar movable in said channel and extending beneath said rigid block, and a locking means carried by said rigid block for adjustably engaging said bar.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

HENRY P. STULLKEN.

Witnesses:
WILLIAM H. KROME,
EDWIN P. GREENWOOD.