

R. WALKER.

Improvement in Plows.

No. 130,256.

Patented Aug. 6, 1872.

Fig. 1.

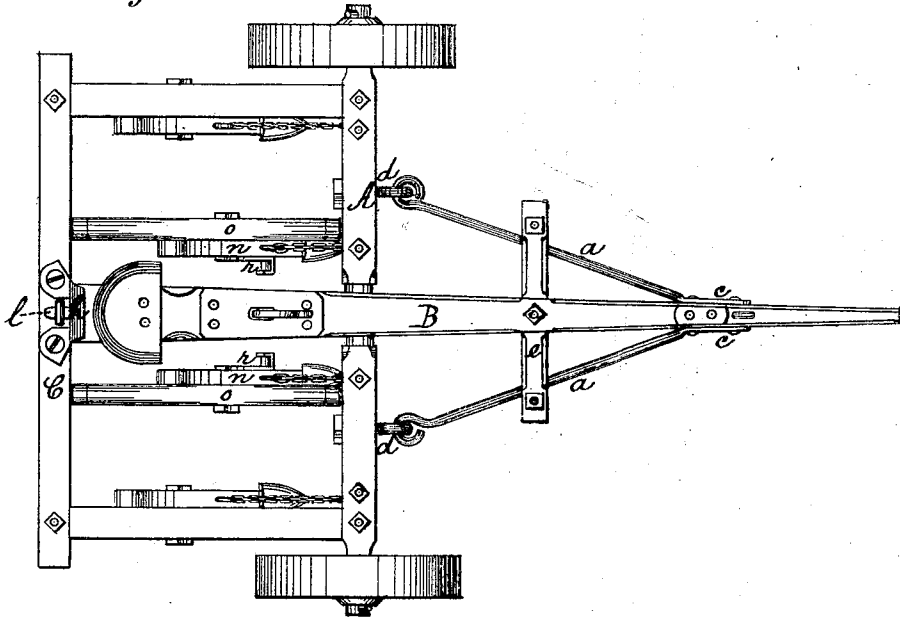
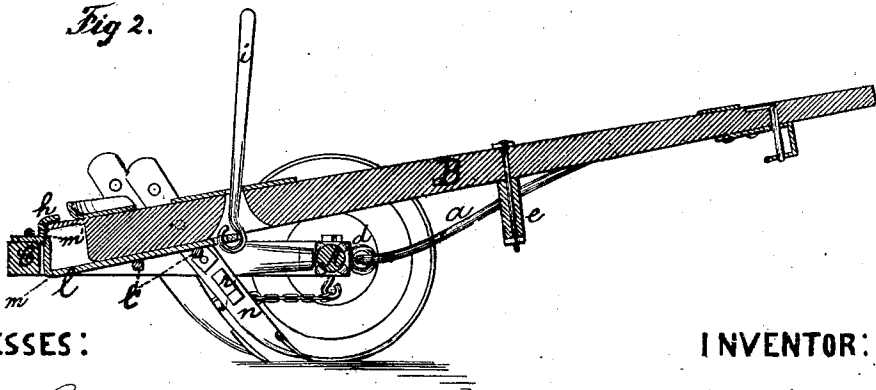


Fig 2.



WITNESSES:

Herm. Sauter.
A. Bendy.

INVENTOR:

Robert Walker,
by Geo. E. Brown,
Atty.

UNITED STATES PATENT OFFICE.

ROBERT WALKER, OF SAVANNAH, MISSOURI.

IMPROVEMENT IN PLOWS.

Specification forming part of Letters Patent No. 130,256, dated August 6, 1872.

Specification describing a certain Improvement in Wheel-Plows, invented by ROBERT WALKER, of Savannah, in the county of Andrew and State of Missouri.

This invention relates to a combination of the frame which supports a set of shovel-plows used for cultivating with the tongue by means of which said frame is drawn, when said tongue is pivoted to the axle, and provided with a sliding bolt, by means of which its rear end may be fastened to the rear side of the frame or disconnected therefrom, so that, when disconnected from the tongue, the frame may be turned upward so as to raise the plows.

Figure 1 is a top view, and Fig. 2 is a longitudinal vertical section.

A is the axle aforesaid, the same forming the front part of the frame. B is the tongue, the same being furnished with bars *a*, the front ends of which are attached to opposite sides of the tongue at *c*, while their rear ends are hooked into eyes *d* driven into the front side of the axle A. A cross-bar, *e*, runs from one of the bars *a* to the other beneath the tongue B, so as to strengthen the bars which form the means of connection of the tongue to the axle. C is the rear part of the frame, the same being provided with a catch, *h*, beneath which the end of the tongue B extends, and which prevents said end from ever rising above the beam C. A lever, *i*, passing through a slot in the tongue, is pivoted therein, and,

at its lower end, is linked with the front extremity of a bolt, *l*, which is supported in sockets *l'* fastened to the under side of the tongue B. This bolt is bent upward at the point *m*, and passes through a mortise in the rear end of the tongue B, and is again bent at *m'*, and extends thence backward. When the end of the tongue is in contact with the catch *h*, by moving the lever *i* forward the bolt *l* can be made to pass through an orifice made for the purpose in the catch *h* and bear on the top of the beam C, thus preventing the end of the tongue from falling. When the bolt *l* is detached from the beam C, by moving the lever *i* backward the beam can be raised above the tongue and thus elevate the plows, as it is desirable to do when turning at the ends of rows. The two inner plow-stocks *n* are bolted to cross-bars *o*, which rotate in the frame A C. The stocks *n* have stirrups *r* fastened to their inner sides, by means of which the driver can, with his feet, move the plows toward or away from the rows at pleasure.

I claim as my invention—

The combination of the tongue B, lever *i*, bolt *l*, catch *h*, and frame A C, arranged as specified.

ROBERT WALKER.

Witnesses:

J. W. JOHNSON,
JOS. M. WALKER.