

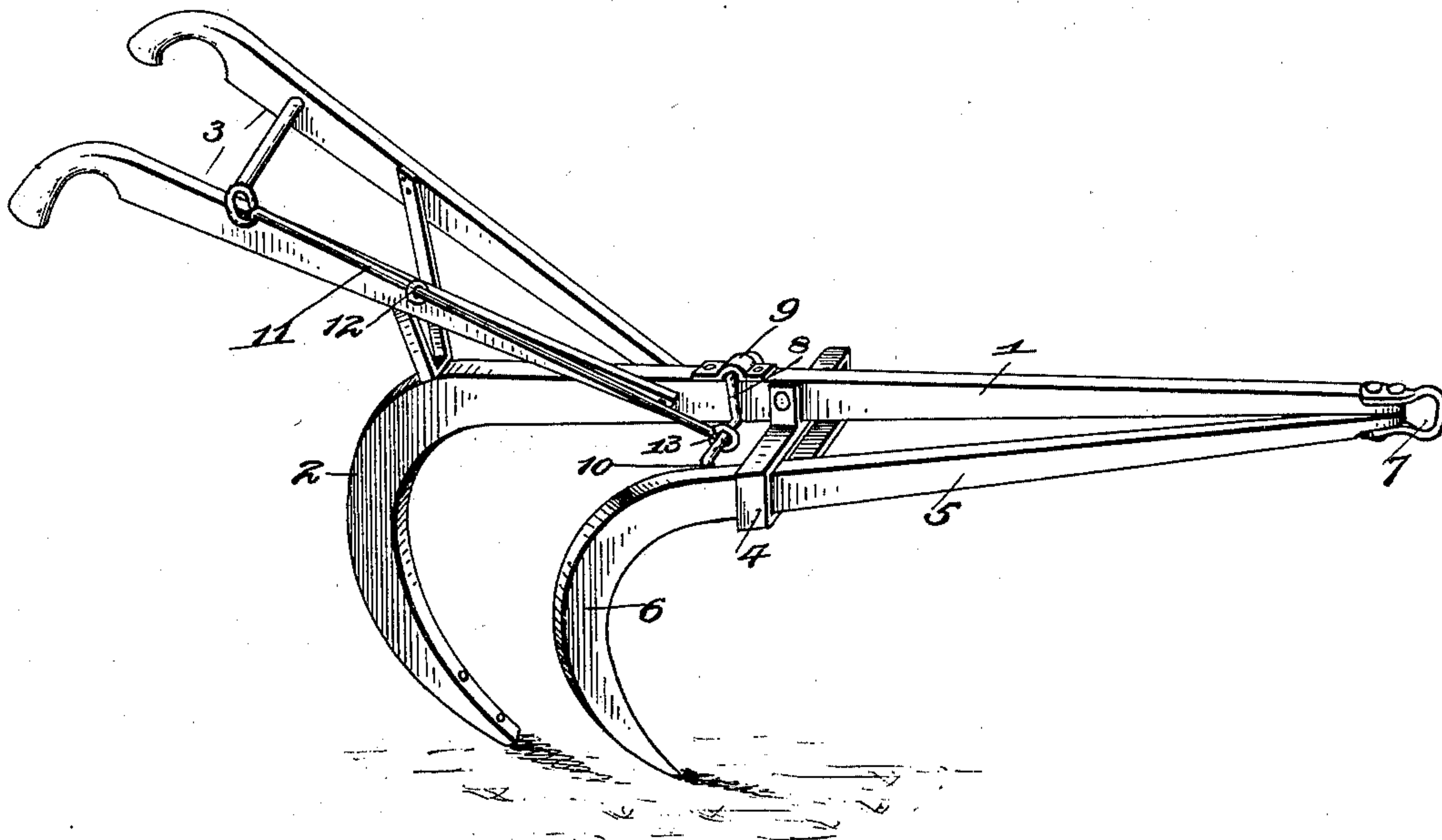
No. 612,984.

Patented Oct. 25, 1898.

W. W. ANDERSON.
REVERSIBLE DOUBLE SHOVEL PLOW.

(Application filed Mar. 8, 1898.)

(No Model.)



Witnesses
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UNITED STATES PATENT OFFICE.

WILLIAM W. ANDERSON, OF BONANZA, KENTUCKY.

REVERSIBLE DOUBLE-SHOVEL PLOW.

SPECIFICATION forming part of Letters Patent No. 612,984, dated October 25, 1898.

Application filed March 8, 1898. Serial No. 673,097. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM W. ANDERSON, a citizen of the United States, residing at Bonanza, in the county of Floyd and State of Kentucky, have invented certain new and useful Improvements in Reversible Double-Shovel Plows; and I do 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.

My invention has relation to reversible double-shovel plows; and the object of the invention is to provide means whereby one of the shovels of the plow may be easily and quickly shifted from one position to the other and held in such position.

With this object in view the invention consists in certain features of construction and combination of parts, which will be hereinafter fully described and claimed.

In the accompanying drawing I have illustrated my invention in perspective.

In said drawing, 1 denotes the plow or cultivator beam, having a standard 2, which may be provided with a plow or cultivator shovel, as desired.

3 represents the handles, which are suitably attached to the beam 1.

4 represents a bracket which is bolted to the beam 1 and extends transversely under the same.

5 denotes a swinging beam having a standard 6, adapted to receive a plow or cultivator shovel, as desired. This beam is pivoted by the clevis-bolt 7 to the forward end of the beam 1, and being shorter than the beam 1 is permitted to swing under the same from one side to the other, it being supported in the bracket 4.

8 denotes a crank-rod journaled in the box 9, secured to the upper edge of the beam 1, and provided at its ends with shoulders or stops 10.

11 denotes an operating-rod having a sliding engagement in eyes 12, secured to the handle, and having an eye 13, that engages the crank-rod 8.

When it is desired to swing the beam 5 from one side to the other, the rod 11 is operated, thus throwing the stop end 10 of the rod 8 free of the beam 5, and by tilting the plow sidewise said beam will slide under the beam 1, to the other side thereof. The operating-rod is now actuated and the stop 10 will lower and engage and lock the beam 5 in its shifted position.

The device is exceedingly simple, and among the advantages claimed for it are that it can be used equally well on bottom or hill land, and in plowing corn the short beam can always be kept next or nearer to the corn, thus keeping the handles out of the way of the tall corn.

The plow can also be used as a single shovel, as the beams can be easily taken apart. By attaching handles to the short beam, which can easily be done, it can be changed into two single plows. It will of course be understood that holes will have to be made in the short beams for attaching the handles.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

In combination, the stationary beam provided with a depending bracket, the shorter beam pivoted to the forward end of the stationary beam and adapted to swing under said beam, a bracket secured to the stationary beam and adapted to support the pivoted beam, a crank-rod journaled to the pivoted beam and having stop-shoulders at its ends adapted to be lowered into engagement with the pivoted beam and hold it at either side of the stationary beam, and an operating-rod connected to the crank-rod for rocking it, substantially as set forth.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

WILLIAM W. ANDERSON.

Witnesses:

WILLIAM PRUITT,
ROBERT VAUGHAN.