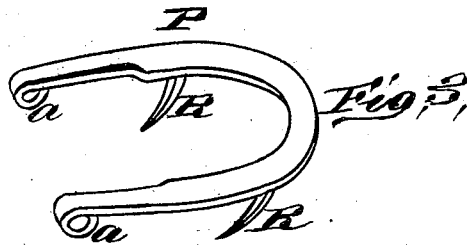
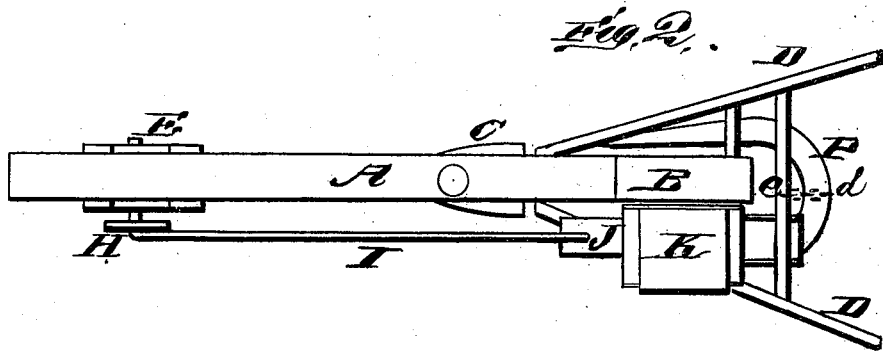
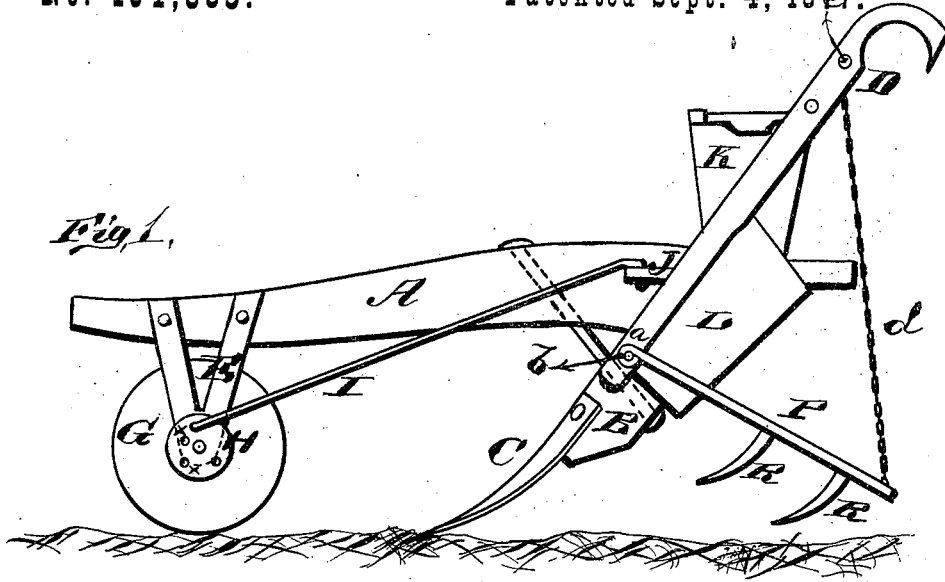


G. E. BAITES.
CORN-PLANTERS.

No. 194,885.

Patented Sept. 4, 1877.



WITNESSES
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George E. Upham

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UNITED STATES PATENT OFFICE.

GEORGE E. BAITES, OF LYNCHBURG, TENNESSEE.

IMPROVEMENT IN CORN-PLANTERS.

Specification forming part of Letters Patent No. 194,885, dated September 4, 1877; application filed June 9, 1877.

To all whom it may concern:

Be it known that I, GEORGE E. BAITES, of Lynchburg, in the county of Moore and State of Tennessee, have invented a new and valuable Improvement in Corn-Planters; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a side view of my corn-planter. Fig. 2 is a plan view, and Fig. 3 is a perspective detail, of the same.

The nature of my invention consists in the construction and arrangement of a corn-planting attachment for plows, as will be herein after more fully set forth.

The annexed drawings, to which reference is made, fully illustrate my invention.

A represents the plow-beam with foot or standard B at its rear end. C is the plow attached to the lower end of said foot, and D D are the handles. These are all constructed in any of the known and usual ways. Near the front end of the beam A is a pendent frame, E, in which is mounted a wheel, G, that runs on top of the ground, in front of the plow C. On one journal of the wheel G is secured a disk, H, having several holes, *x*, at unequal distances from the center, and in one of these holes is attached a pitman, I, which connects with and operates a slide, J, in the bottom of a corn box or hopper, K.

By changing the pitman I in the different holes *x* in the disk H the length of the stroke of the slide J is regulated.

The hopper K is attached on the inner side of one of the handles D, and a conductor, L, extends from the same in the rear of the plow-foot B, so as to guide the corn into the furrow directly in rear of the plow. This conductor

L is formed simply of a piece of sheet metal, bent in semitubular form, and its edges secured to the sides of the plow-foot.

P represents a U-shaped bar or bail having the extreme ends of its arms bent over to form eyes *a a*, which eyes are placed over pins *b b* inserted permanently in the plow-foot, thus hinging said bar to the plow-foot, the body of the bar being in rear thereof, as shown.

In the arms of the U-shaped bar P are inserted and fastened two shovels or plows, R R, one in advance of the other, as shown, to cover the corn deposited in the furrow.

The bar P is suspended by means of a chain, *d*, from the rod *e*, connecting the two handles, and, being hinged, it accommodates itself to the inequalities in the ground, while it cannot go down below the depth at which it is set by the chain *d*, which is intended to be adjustable—that is to say, attachable—by any of its links to the round *e*.

This corn-planting attachment may be applied to any plow, and can easily be attached and removed as required. It is simple in construction, cheap, and not liable to get out of order.

What I claim as new, and desire to secure by Letters Patent, is—

The frame E, attached to the plow-beam, and having journaled in its lower end, on a common axis, the wheel G, and disk H provided with holes *x* at unequal distances from its center, in combination with the pitman I, slotted seed-slide J, and conductor L, substantially as described, and for the purpose set forth.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

GEORGE E. BAITES.

Witnesses:

WILLIAM F. STOCSTILL,
JAMES ASHLEY.