

A. C. KENT.
Corn-Planters.

No. 196,121.

Patented Oct. 16, 1877.

FIG. 1.

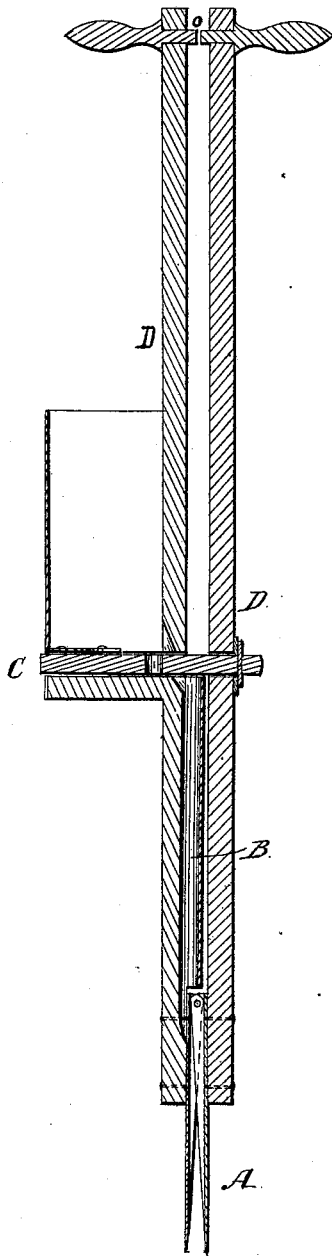


FIG. 2.

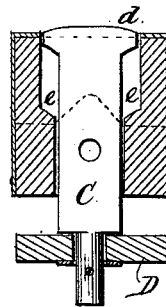
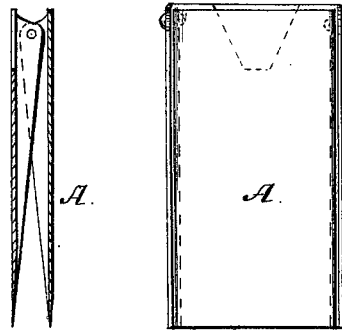


FIG. 3.



WITNESSES

Saml R Turner
John F. C. Franklin

INVENTOR

Arthur C. Kent
per C. S. Whitman
ATTORNEY

UNITED STATES PATENT OFFICE.

ARTHUR C. KENT, OF JANESVILLE, WISCONSIN.

IMPROVEMENT IN CORN-PLANTERS.

Specification forming part of Letters Patent No. **196,121**, dated October 16, 1877; application filed August 11, 1877.

To all whom it may concern:

Be it known that I, ARTHUR C. KENT, of Janesville, county of Rock, and State of Wisconsin, have invented certain Improvements in Corn-Planters.

The following description, taken in connection with the accompanying plate of drawings, hereinafter referred to, forms a full and exact specification, wherein are set forth the nature and principles of the invention, by which the same may be distinguished from others of a similar class, together with such parts thereof as are claimed as new and are desired to be secured by Letters Patent of the United States.

My invention relates to that class of corn-planters commonly known as "hand-planters;" and the nature thereof consists in certain improvements in the construction of the same, hereinafter shown and described.

In the accompanying plate of drawings, in which corresponding parts are designated by the same letters, Figure 1 is a longitudinal section. Fig. 2 is a transverse horizontal section taken through the seed-slide. Fig. 3 is a detached view of the sheet-metal shoe.

The shoe A consists of two pieces of sheet metal, each of which is cut to the proper shape, punched with the necessary holes for screws and rivets, and provided with turned-up sides *a*, which gradually taper to a point. These turned-up sides are riveted together in such a manner as to form a joint or pivot.

B designates the metal conducting-tube, through which the corn drops to the interior of

the shoe in such a manner as to be visible. C designates a metallic slide, which is secured to one of the sides, D, of the planter, and provided with projecting shoulders *d*, which impinge against corresponding shoulders *e*, cut in the bottom of the corn-box, and thereby prevents the planter sides from being pulled too far apart, thus avoiding the necessity of using cloth or canvas.

The sheet-metal shoe constructed of two pieces, pivoted together as described, when it enters the ground, is perfectly shut on its sides, thus preventing the earth getting in or the seeds getting out. When the shoe is withdrawn the parts thereof are kept parallel to each other by means of the projections *o*.

By this construction the operator is enabled to see the corn when it is dropped from the tube and deposited in the ground.

I claim and desire to secure by Letters Patent of the United States—

The combination of the metallic slide, secured to one of the sides, D, of the planter, and provided with projecting shoulders *d*, and the corn-box, provided with corresponding shoulders *e*, as and for the purpose described.

In testimony that I claim the foregoing I have hereunto set my hand this 15th day of June, 1877.

ARTHUR C. KENT.

Witnesses:

L. F. PATTEN,
WILLIAM RUGER.