

# United States Patent Office.

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## IMPROVEMENT IN CORN-PLANTERS.

The Schedule referred to in these Letters Patent and making part of the same.

I, YOUNG I. EDWARDS, of Trenton, Gibson county, Tennessee, have invented certain Improvements in Corn-Planters, of which the following is a specification.

Figure 1 is a side elevation, and

Figure 2 is a plan view.

The invention consists in the combination of the plow-beam with the pitman, which connects cranks on the axles of the master and dropping-wheels; a guard, that incloses said pitman and is fastened at its extremities to the plow-beam; and a recessed plate placed between the pitman and the plow-beam, fastened at its ends to the latter, and inclosing the pitman between itself and the guard, both the plate and the guard being provided with longitudinal slots, into which trunnions from the pitman enter, and in which said trunnions play as the pitman moves back and forth and thus steady the latter in its movements.

In the drawing—

*a* is the plow-beam;

*b*, the seed-box, resting in a recess in the upper part of the beam;

*c*, the dropping-wheel within the seed-box;

*d*, the hollow plow-share, set in the lower side of the beam *a* in the same recess that holds the seed-box;

*e*, the sliding plate in the rear part of the hollow plow;

*f*, the master-wheel;

*h*, the crank upon the axle of the same;

*i*, the crank upon the axle of the dropping-wheel;

*k*, the pitman which connects the two cranks;

*l*, the guard that incloses the pitman;

*m*, the recessed plate on the opposite side of the pitman from the guard;

*n*, the trunnions of the pitman;

*o*, the slot in the guard *l*, into which one of said trunnions projects;

*r*, the recess in the plow-beam, in which the master-wheel is placed; and

*s*, the handles, secured within such recess, at its rear end, by bolts.

I claim as my invention—

The pitman *k*, provided with the trunnions *n*, and combined with the recessed plate *m* and guard *l*, in the manner described, and for the purpose of affording protection and imparting steadiness of motion to the pitman.

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Witnesses:

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