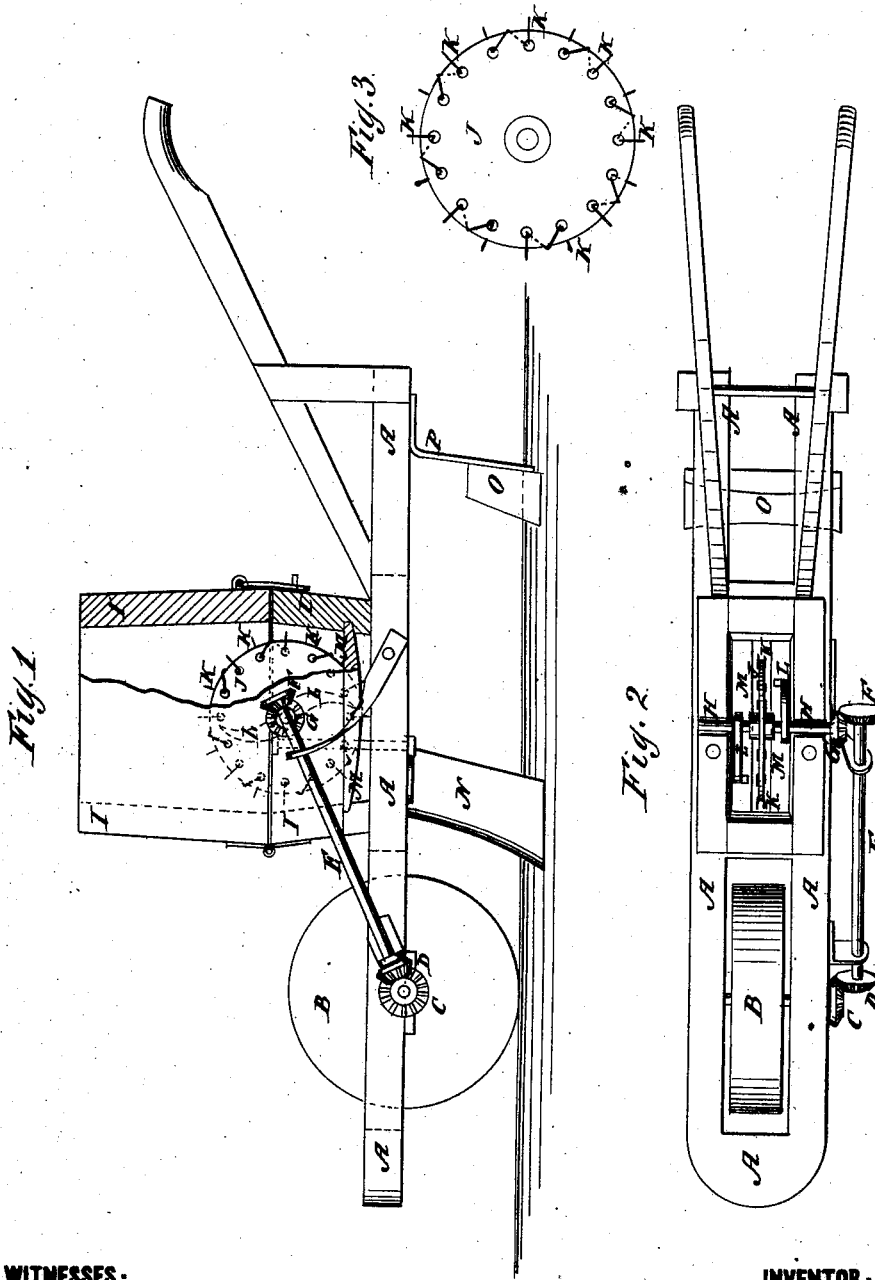


H. STECKLER, Jr.
Cotton-Seed Drill.

No. 162,322.

Patented April 20, 1875.



WITNESSES:

E. Wolff
J. A. Scarborough

INVENTOR:

H. Steckler Jr

BY

Munnell

ATTORNEYS.

UNITED STATES PATENT OFFICE

HENRY STECKLER, JR., OF NEW IBERIA, LOUISIANA.

IMPROVEMENT IN COTTON-SEED DRILLS.

Specification forming part of Letters Patent No. **162,322**, dated April 20, 1875; application filed March 6, 1875.

To all whom it may concern:

Be it known that I, HENRY STECKLER, Jr., of New Iberia, in the parish of Iberia and State of Louisiana, have invented a new and useful Improvement in Cotton-Seed Drill, of which the following is a specification:

Figure 1 is a side view of my improved machine, part being broken away to show the construction. Fig. 2 is a top view of the same. Fig. 3 is a detail side view of the dropping-wheel.

Similar letters of reference indicate corresponding parts.

The invention relates to an improvement in the class of cotton-seed planters whose dropping-wheel is operated by a bevel-gear or equivalent connection with a wheel which travels on the ground either in front or rear of the seed-hopper. The improvement relates particularly to the construction of the dropping-wheel, as hereinafter described and claimed.

A is the frame, and B the traveling wheel, which communicates motion to the dropping-wheel by means of gear-wheels C D F G and shaft E. The seed-hopper I is made in two unequal parts, hinged to each other at one side, and secured at the other by a hasp and

staple. To the shaft H is attached the dropping-wheel J, which is made of sheet metal, and provided with a circle of holes, formed through it near its edge. K K are wires, which are passed through one hole, carried spirally across the edge of the wheel J, and back through the next hole, their ends, projecting as shown, to serve as teeth to draw the cotton-seed out of the hopper I. Cross-bars L project along and close to the sides of the hopper I, and have inwardly-projecting arms or wings. Their function is to keep the seed thoroughly stirred up. The bottom pieces M are adjustable toward and from the dropping-wheel to vary the discharge. The opener N is made hollow and open upon its rear side, in the usual way, so that it may serve also as a conductor for the seed. O is a covering-block attached to arms P.

What I claim is—

In a seed-planter, the dropping-wheel, provided with a series of holes near its edge, and the wires K inserted therein, and their ends projecting, as shown and described.

HENRY STECKLER, JR.

Witnesses:

THOMAS FLEARTY,
ST. YVE JUDICE.