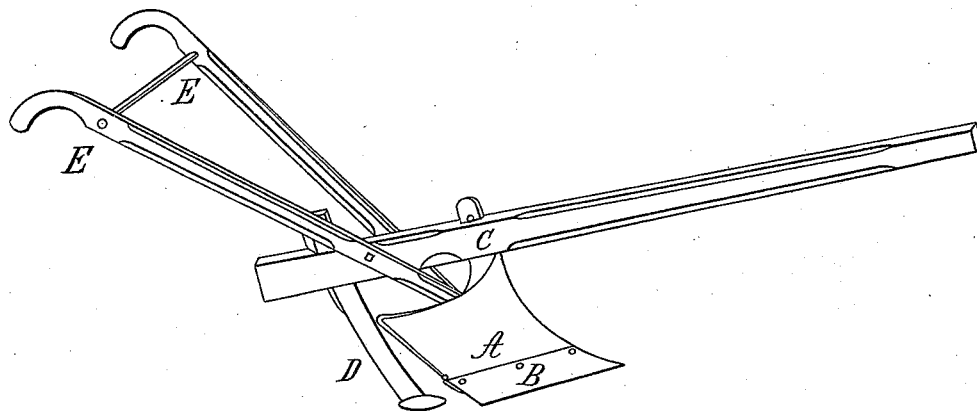


W. BRYANT.

Subsoil-Plow.

No. 1,527.

Patented Mar. 31, 1840.



UNITED STATES PATENT OFFICE.

WM. BRYANT, DAVIDSON COUNTY, TENNESSEE.

IMPROVEMENT IN PLOWS.

Specification forming part of Letters Patent No. 1,527, dated March 31, 1840.

To all whom it may concern:

Be it known that I, WILLIAM BRYANT, of the county of Davidson and State of Tennessee, have invented a new and useful Improvement in Plows; and I hereby declare that the following is a full and exact description.

The nature of my invention consists in fixing behind the share or cutting part of the plow a colter, so as to run deeper and loosen the ground deeper than it is cut by the share.

To enable others skilled to make and use my invention, I proceed to describe its construction and operation.

I construct the mold-board A of cast-iron and in the common form, to the lower part of which I attach by screws the share or cutting part B, made in the common manner of wrought-iron, with a steel edge. The upper part of the mold-board has a shank, which passes through the beam C, and is fastened to it by a key-bolt.

About twelve inches behind the mold-board I place the colter D in the beam. It can be

fixed higher or lower, as desired, and is fastened by a key-wedge. It is made as colters generally are, and placed a few inches lower than the share, with the point projecting a little forward.

The handles E E are attached to the beam by a screw-bolt, and their lower end, being fastened to the mold-board, serves as a brace to it. When the plow is in use the share and mold-board cut and remove the earth as in common plowing, and the colter, passing in the furrow, loosens the earth lower than the share runs.

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

The fixing in the plow a colter behind the share or cutting part, which colter steadies the plow and loosens the earth lower than the share cuts.

WILLIAM BRYANT.

Witnesses:

R. B. TURNER,
JOHN WRIGHT.