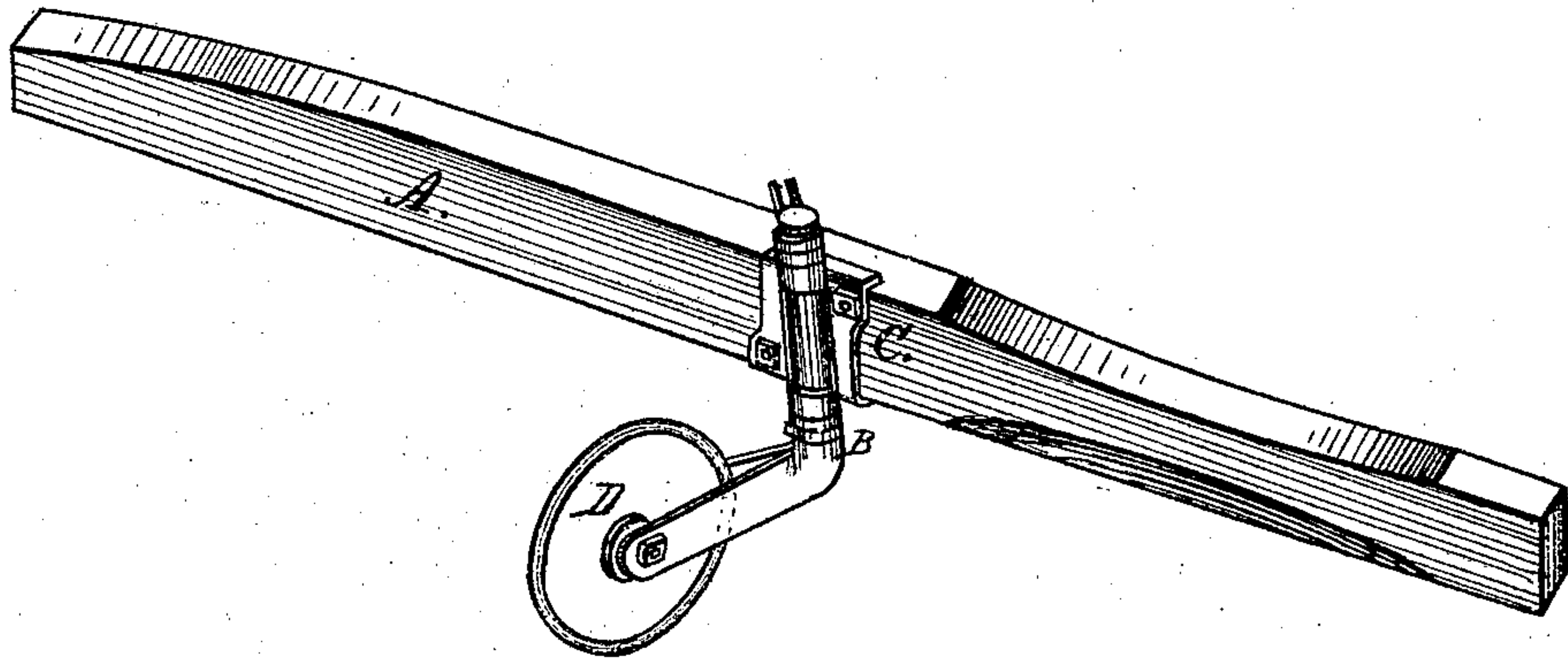


S. May,
Flour Coulter:

No. 111,158.

Patented Jan. 24, 1871.



Attest
John W. Smith
Wm. G. G. G. G.

Inventor.
S. May
His atty J. C. Roberts

UNITED STATES PATENT OFFICE.

SETH WAY, OF LA PORTE, INDIANA.

IMPROVEMENT IN PLOW-COLTERS.

Specification forming part of Letters Patent No. **111,158**, dated January 24, 1871.

To all whom it may concern:

Be it known that I, SETH WAY, of La Porte, county of La Porte, State of Indiana, have invented certain Improvements in Colters for Plows, of which the following is a specification.

My invention consists in an elliptic spindle, so constructed and arranged as to keep in proper shape or place the colter, and to regulate the motion thereof by means of the plow, the box in which the spindle plays being fastened on the right-hand side of the plow-beam.

The drawing shows my invention in perspective.

A is the plow-beam, which should be made substantial, to resist the vibrations of the op-

erating parts. B is the elliptic spindle, as herein explained. C is the box in which the spindle plays. D is the colter, which is attached to the elliptic spindle B, operating or playing in the box C, and which is regulated by the movement of the plow-beam A.

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

An elliptic spindle constructed, combined, and arranged in all its parts as herein set forth, when attached to a colter for plows.

SETH WAY.

Witnesses:

M. NYE,

ROBT. A. HEWS.