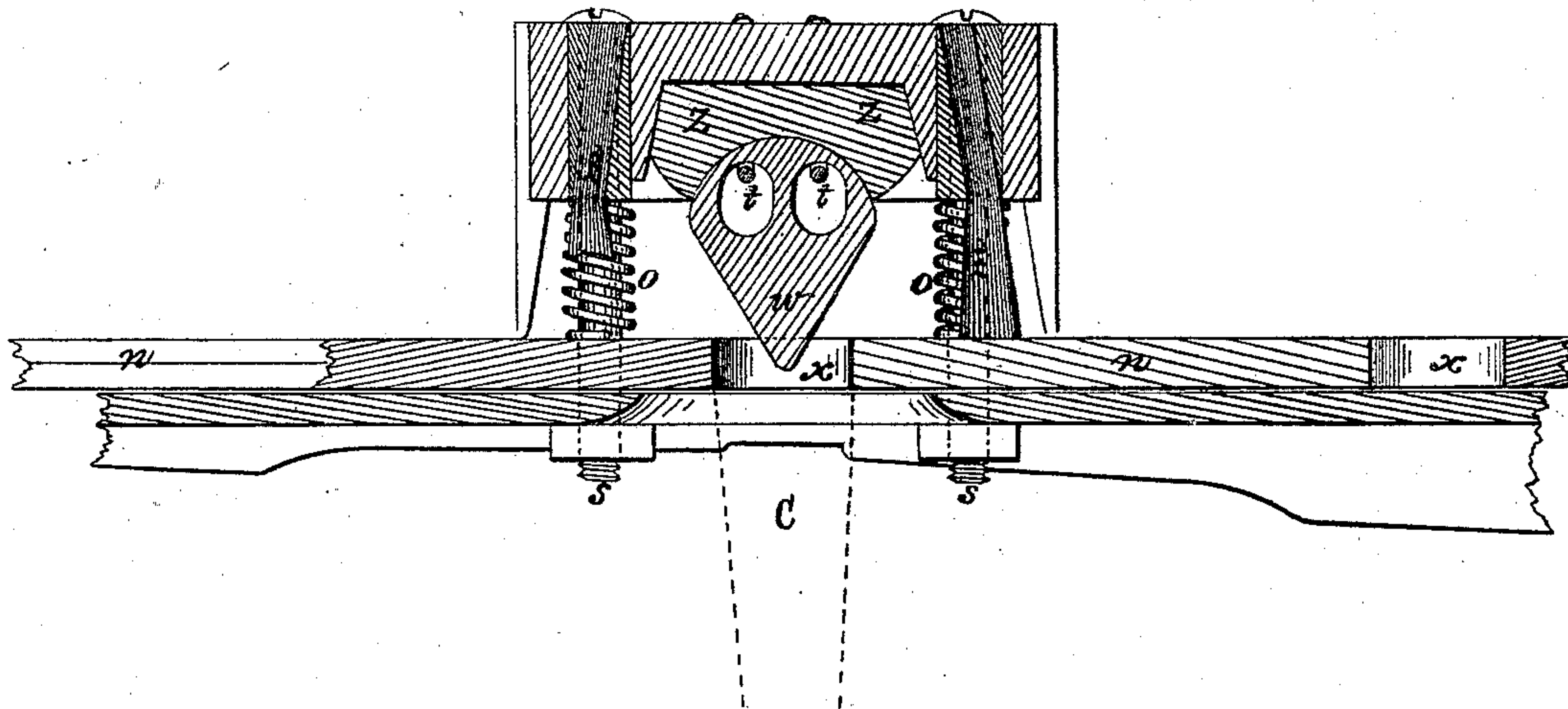


*W. Morrison,*

*Chain Planter.*

*No. 113,550.*

*Patented Apr. 11. 1871.*



WITNESSES

*H. H. Young*  
*Joseph Barb.*

*William Morrison*

*Inventor*

*By David A. Burr*

*Atty.*

# United States Patent Office.

WILLIAM MORRISON, OF CARLISLE, PENNSYLVANIA.

Letters Patent No. 113,550, dated April 11, 1871.

## IMPROVEMENT IN CORN-PLANTERS.

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

### *To all whom it may concern:*

Be it known that I, WILLIAM MORRISON, of Carlisle, Cumberland county, Pennsylvania, have invented a new and useful Improvement in Corn-Planters; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawing making a part of this specification, which is a bisectonal view of the invention.

The nature of my invention consists in the insertion of the piece of India rubber *z z* in the top of the brush *m m* for the purpose of pressing downward the clearer *w*.

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

The brush *m m* is made double and placed in the middle of the hopper, and secured to the slide *n n* and bottom of the hopper by four screws, *s s s s*, passing through spiral springs *o o o o*.

The corn is carried under the brush *m m* by the slide *n n*, and falls through the spout *c* in the usual manner.

The clearer *w* is to prevent the grains from sticking in the holes *x x* of the slide, and is fixed in the under side of the brush-frame.

The said clearer is suspended on two wires *t t*, placed crosswise, and is pressed downward by the India-rubber piece *z z*, so that, as the slide *n n* is moved back and forth, the pointed end of the clearer *w* is forced into the holes *x x* and presses out the grain, which might otherwise remain in them.

All the remaining portions of the machine to which this invention is intended to apply are made in the usual manner, and particularly as described in the Letters Patent granted to your petitioner on the 13th September, A. D. 1859, and numbered 25,435.

What I particularly claim, and desire to secure by Letters Patent, is—

The India-rubber piece *z z*, in the top of the brush *m m*, pressing downward upon the clearer *w* in the manner and for the purpose herein set forth.

WM. MORRISON.

Witnesses:

DAVID SMITH,  
F. E. BELTZHOVER.