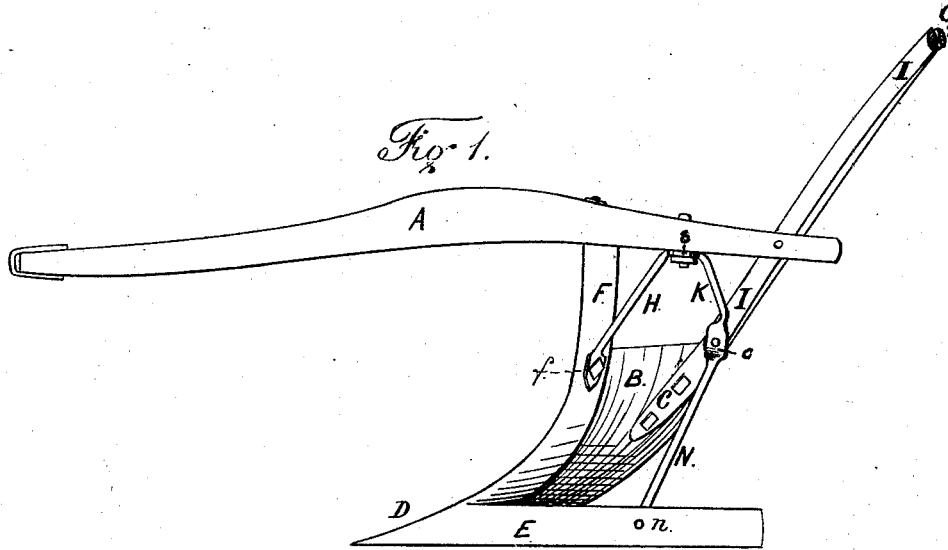


G. RINGEN.

Plow.

No. 165,179.

Patented July 6, 1875.



Witnesses  
Benjamin C. Pole  
A. Harris

Inventor  
G. Ringen  
by C. S. Whitman  
attorney

# UNITED STATES PATENT OFFICE.

GERHARD RINGEN, OF SMITH CITY, MISSOURI.

## IMPROVEMENT IN PLOWS.

Specification forming part of Letters Patent No. **165,179**, dated July 6, 1875; application filed June 23, 1874.

*To all whom it may concern:*

Be it known that I, GERHARD RINGEN, of Smith City, county of Pettis and State of Missouri, have invented certain Improvements in Plows.

The following description, taken in connection with the accompanying plate of drawings hereinafter referred to, forms a full and exact specification, wherein are set forth the nature and principles of the invention, by which the same may be distinguished from others of a similar class, together with such parts thereof as are claimed as new and are desired to be secured by Letters Patent of the United States.

The invention which it is sought to protect by these Letters Patent relates to plows of the ordinary form; and the nature thereof consists in certain improvements in the construction of the same, and novel combination of the parts thereof, hereinafter shown and described.

In the accompanying plate of drawings, in which corresponding parts are illustrated by similar letters, Figure 1 is a side elevation of the plow.

The beam A, mold-board B, and handle C need no particular description, as they are of the ordinary construction.

The standard F is secured to the beam in the usual manner, and is provided with a rod, H, starting at *f*, which is round iron, flattened at points S, and is again carried down to the point *o*, where it forms the seat for the left-hand handle I, being the prolongation of the same. From this point this rod, lettered as N, is carried to the land-side, and connected at *n*, being one rod flattened out at the points hereinbefore mentioned, by means of which the plow is braced to the said beam.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

In a plow, a continuous brace, consisting of the rounded portions H, K, and N, and of the flattened points *f*, *s*, *o*, and *n*, the part N being the prolongation of the left-hand handle I, and the whole adapted to the brace, standard, beam, handle, and land-side by a single brace, substantially as herein described.

In testimony that I claim the foregoing I have hereunto set my hand this 4th day of May, 1874.

GERHARD RINGEN.

Witnesses:

A. B. COOK,  
W. H. WATTS.