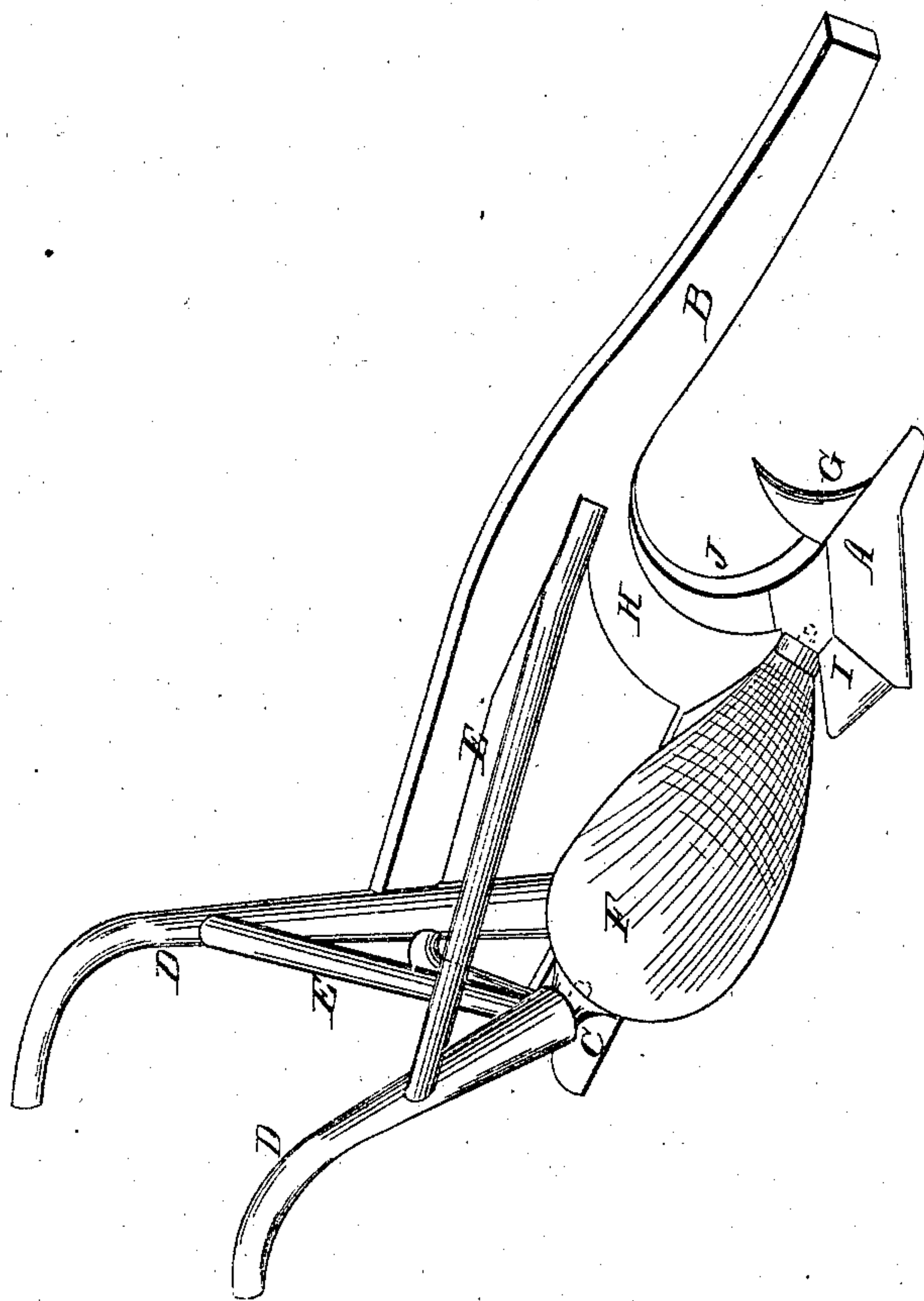


H. D. MARTIN.

Plow.

No 33,256.

Patented Sept 10, 1861.



Witnesses  
Octavius Knight  
L. J. Fender

Inventor  
Henry D. Martin  
Per H. M. & Co. Attys

# UNITED STATES PATENT OFFICE.

HENRY D. MARTIN, OF YPSILANTI, MICHIGAN.

## IMPROVEMENT IN PLOWS.

Specification forming part of Letters Patent No. 33,256, dated September 10, 1861.

*To all whom it may concern:*

Be it known that I, HENRY D. MARTIN, of Ypsilanti, in the county of Washtenaw and State of Michigan, have invented a new and useful Improvement in Plows; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing, making part of this specification, and being a perspective view of my improved plow.

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

The share A, beam B, landside C, handles D D, and brace-rods E E require no specific description.

F is a revolving mold-board, formed with three or more concave and spiral faces and journaled in an oblique position.

G is a curved colter projecting upward from the share A.

H and I are flanges projecting backward

from the standard J and share A, respectively, for the purpose of conducting the furrow-slice from the latter onto the revolving mold-board. It is then turned over effectually and with great ease.

The mold-board is preferred to be hollow, and may be cast entire or formed of steel plates connected by bolts.

The framing may be of either wood or iron.

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

The combination of the share A, colter G, standard J, flanges H and I, and revolving mold-board F, arranged and operating in the manner and for the purposes herein shown and explained.

HENRY D. MARTIN.

In presence of—

A. C. BLODGET,  
JOHN CARPENTER.