No. 626,095. Patented May 30, 1899.

C. W. REED.

PLOW.

(Application filed Sept. 29, 1898.)

(No Model.)

Fig. 1.

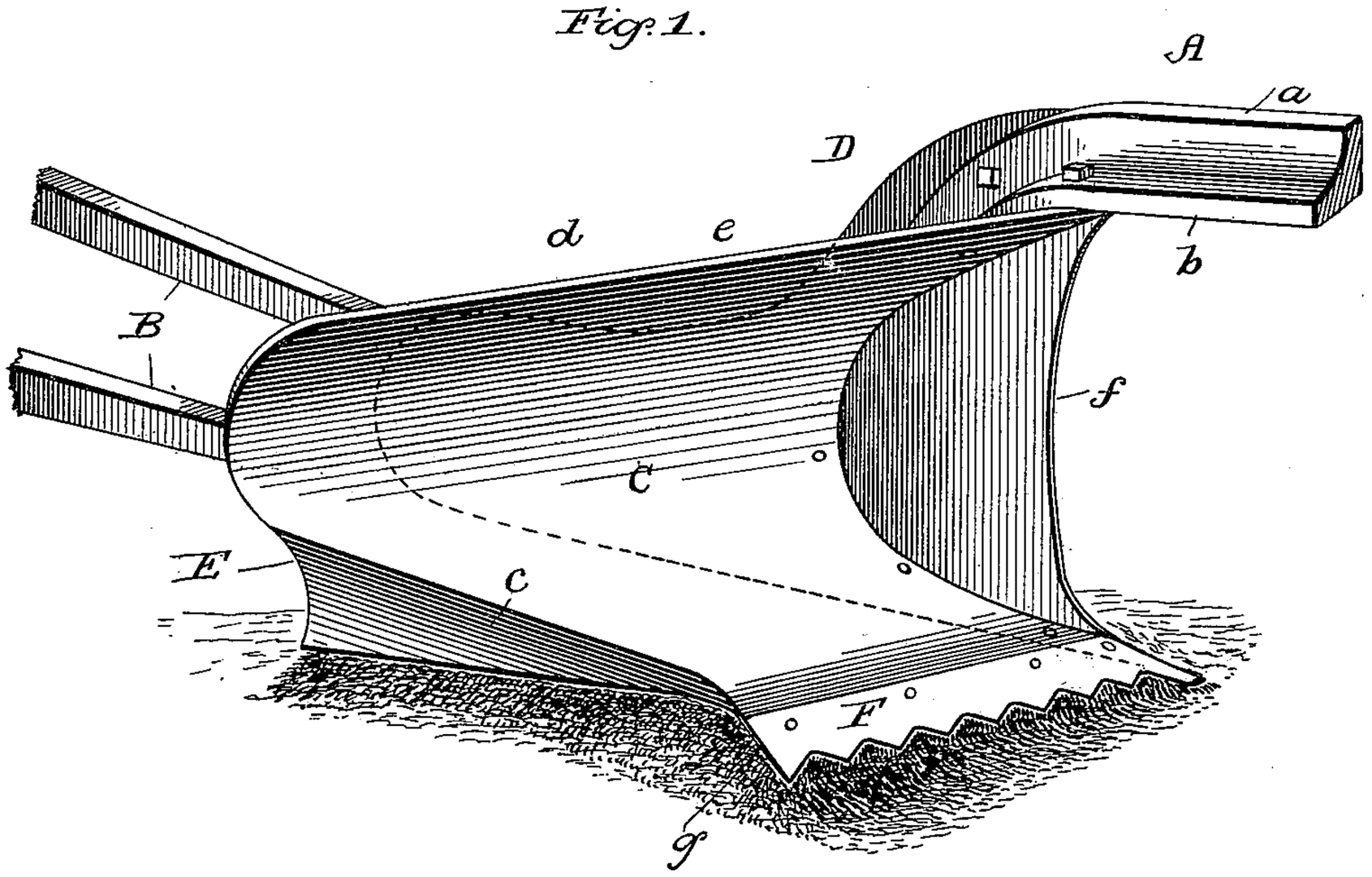
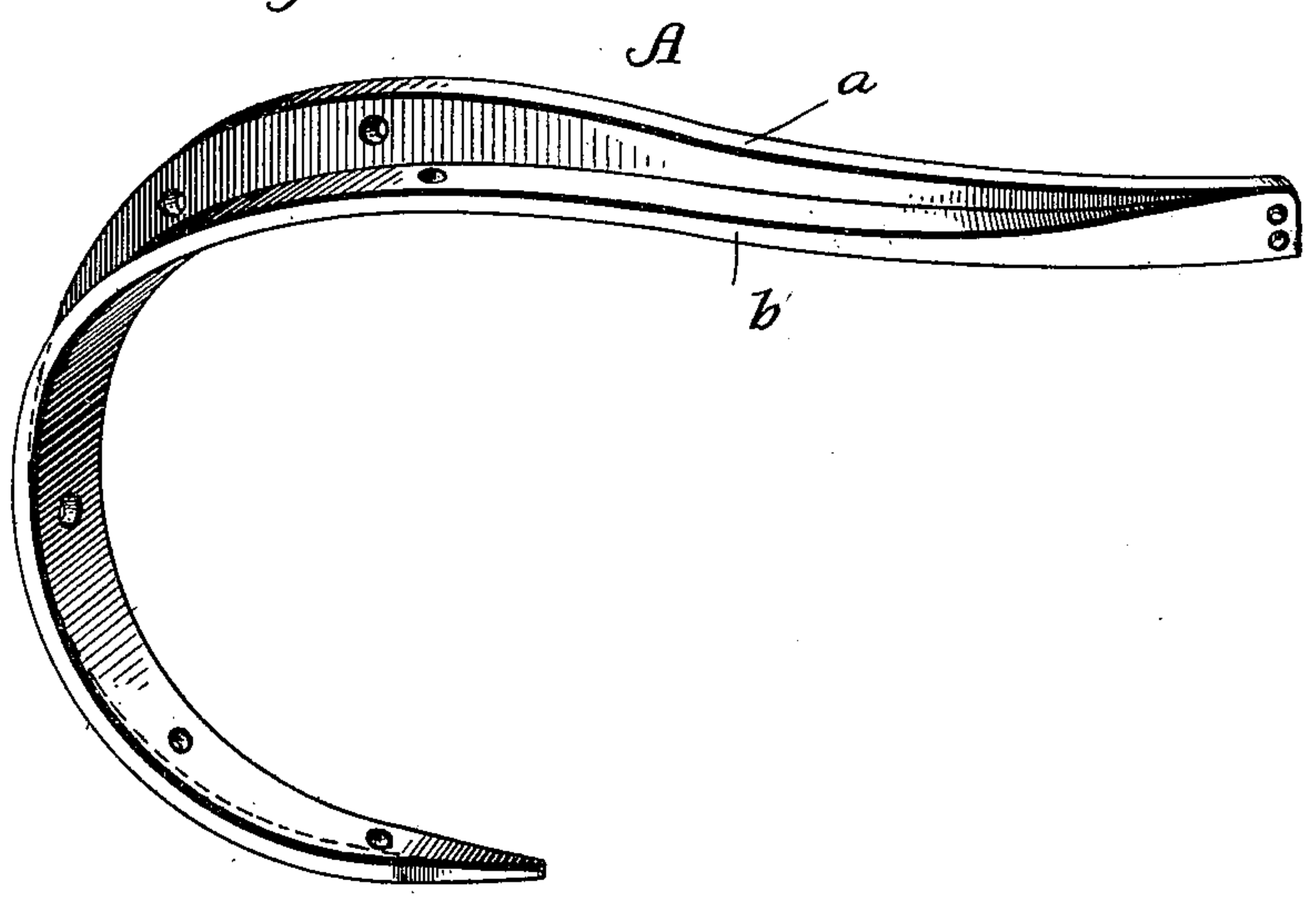


Fig. 2.



Witnesses
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UNITED STATES PATENT OFFICE.

CULLIN W. REED, OF OWOSSO, MICHIGAN.

PLOW.

SPECIFICATION forming part of Letters Patent No. 626,095, dated May 30, 1899.

Application filed September 29, 1898. Serial No. 692,183. (No model.)

To all whom it may concern:

Be it known that I, CULLIN W. REED, a citizen of the United States, residing at Owosso, in the county of Shiawassee and State of Michigan, have invented certain new and useful Improvements in Plows; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to plows, and has for its object to provide a simple, durable, and comparatively inexpensive plow of few parts; and it consists of the parts and combinations of parts hereinafter claimed and described.

In the accompanying drawings, forming a part of this specification, Figure 1 is a perspective of my improved plow, and Fig. 2 a perspective view of the beam therefor.

Similar letters refer to similar parts in both views.

Referring to the drawings, A represents the beam, B the handles, C the moldboard, and D the landside, of my improved plow.

The beam is formed of a single piece of angle-iron, having the vertical flange *a* and the horizontal flange *b*, and is rolled or otherwise formed, as shown in Fig. 2—that is, with curved or circular end adapted to fit closely between the moldboard and landside and to which it is securely bolted, so as to hold the same rigidly in place. The handles are bolted to the landside and moldboard in the usual or any desired manner.

The moldboard is formed with a straight furrow edge *c*, on which edge a curved wing E, forming a furrow-packer, as described in my application for packer of an even date herewith, is formed. The upper portion *d* of the moldboard curves forward on the line of a cylinder and has a straight or uncurved edge *e* from landside to end of moldboard, and also differs from the ordinary moldboard by being carried higher and forward, thus insuring the complete turning over of the slice.

The landside is formed of a single sheet or plate of suitable material and is curved at its front end, as at *f*, to form the colter, while its rear end is rounded off and extends the full length of the moldboard and on a parallel line to the wing E, thus forming a base for the plow.

A straight share F is bolted to a flange *g*, formed on the front end of the moldboard.

It will be noticed that the inner or land end of the upper edge of the moldboard terminates at a point immediately above and in a vertical plane with the lower end of the moldboard.

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

A plow having a beam formed with flanges and curved to fit the moldboard, a landside having a curved or semicircular colter formed integral therewith, and a moldboard semicylindrical in shape and having a straight upper edge the land end of which terminates at a point in a vertical plane with and above the lower land end of the moldboard.

In testimony whereof I affix my signature in presence of two witnesses.

CULLIN W. REED.

Witnesses:

HELEN E. PARKER,

FRANK MONTGOMERY.