

J. KURTZ.

Cultivator.

No. 66,717.

Patented July 16. 1867.

Fig. 1.

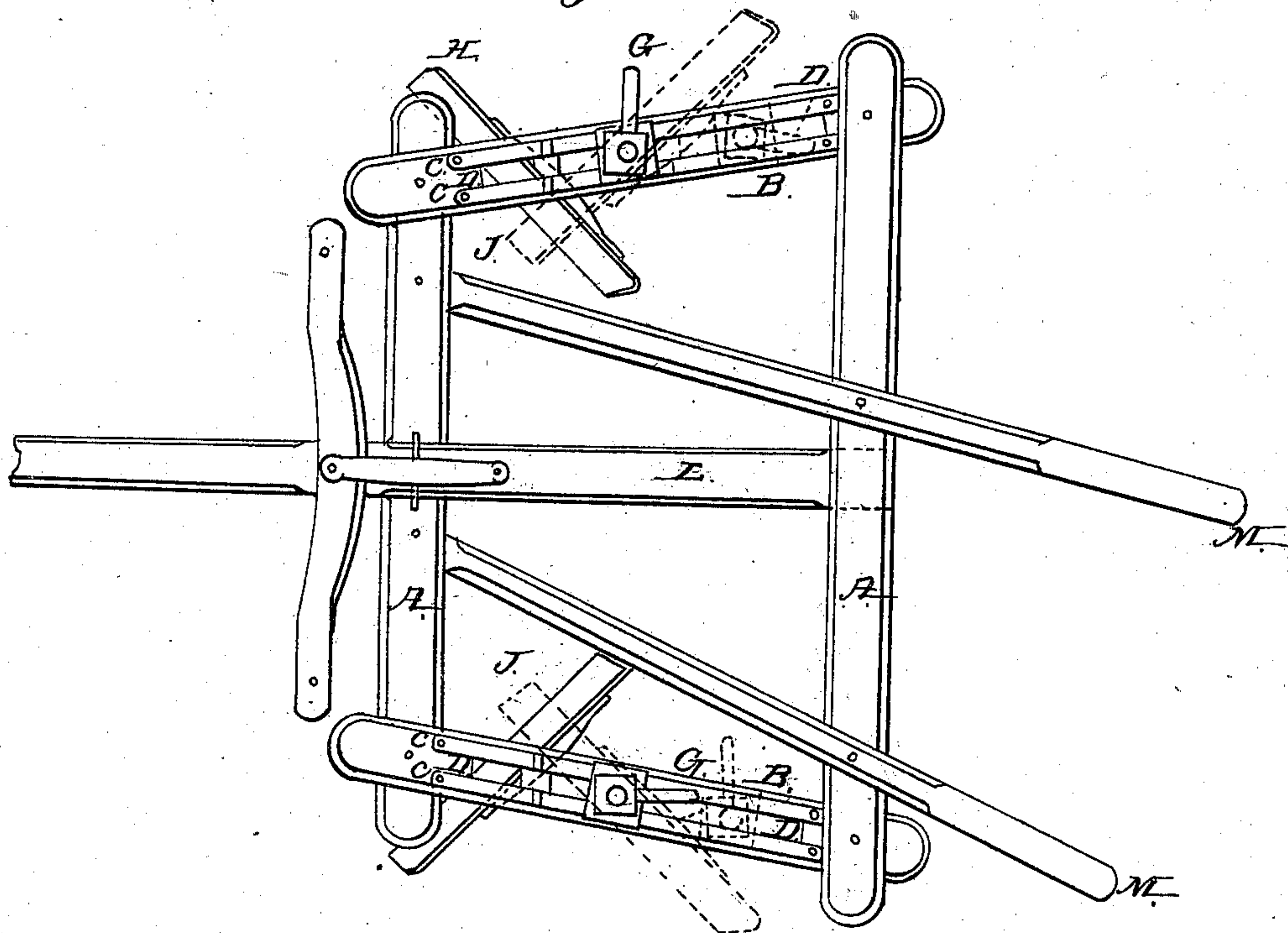
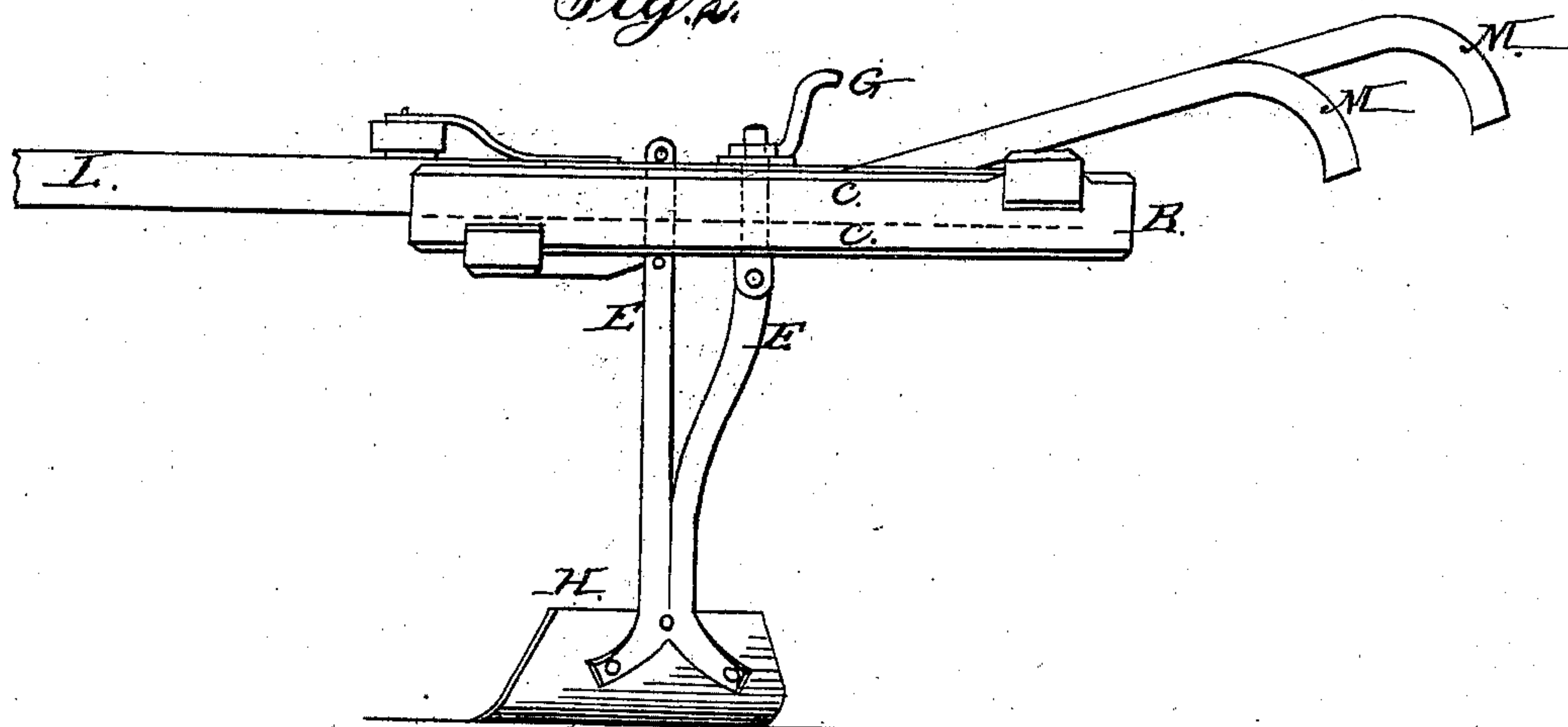


Fig. 2.



WITNESSES:
D. Reigart
C. Reigart.

INVENTOR:
John Kurtz
By his Atty.
J. F. Reigart.

United States Patent Office.

JOHN KURTZ, OF CLINTON TOWNSHIP, PENNSYLVANIA.

Letters Patent No. 66,717, dated July 16, 1867.

IMPROVEMENT IN CORN-CULTIVATOR AND POTATO-PLOUGH.

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, JOHN KURTZ, of Clinton township, (Muncey station post office,) Lycoming county, State of Pennsylvania, have invented "an Improved Corn-Cultivator and Potato-Plough Combined;" and I do hereby declare the following to be an exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification, in which—

Figure 1 represents a top view.

Figure 2, a side elevation of the cultivator and plough.

The nature of my invention consists in the slotted side pieces, with adjustable uprights attached to the reversible or changeable ploughs, for covering corn or ploughing potatoes.

A represents the angular frame, narrow in front and wide behind; B B, the slotted side pieces, with iron plates C on each side of the slots D, (at the top and bottom of the side pieces B,) are to strengthen the side pieces, and prevent the wearing of the slots D by the adjusting of the uprights E E and their adjusting-screw G.

The uprights E are moved back and forward in the slots D when required to be adjusted; and to regulate the points of the plough H for deep or shallow furrows, I raise or lower the end of upright E by the adjusting-screw G, and the width between the points of the ploughs is also regulated by moving the tops of the uprights E in the slots D back and forward from one to twelve inches, for covering the corn. To plough up potatoes, I reverse or move and change the ploughs H to the opposite sides; that is, I change the right-hand plough, and screw the uprights E into the slot D of the left-hand side piece B, which changes the points of the ploughs H narrow in front, as shown by the red lines J. The draught-beam L is in the centre, and the handles M are set obliquely to the beam L.

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

1. The slotted side pieces B B, with their top and bottom bars or plates C C and adjustable uprights E E, as arranged and combined with the reversible ploughs H H, as herein described and for the purposes set forth.
2. I also claim the slotted side pieces B B, with their bars C C, for the purposes set forth.

Witnesses:

J. FRANKLIN REIGART,
JOHN S. HOLLINGSHEAD.

JOHN KURTZ.