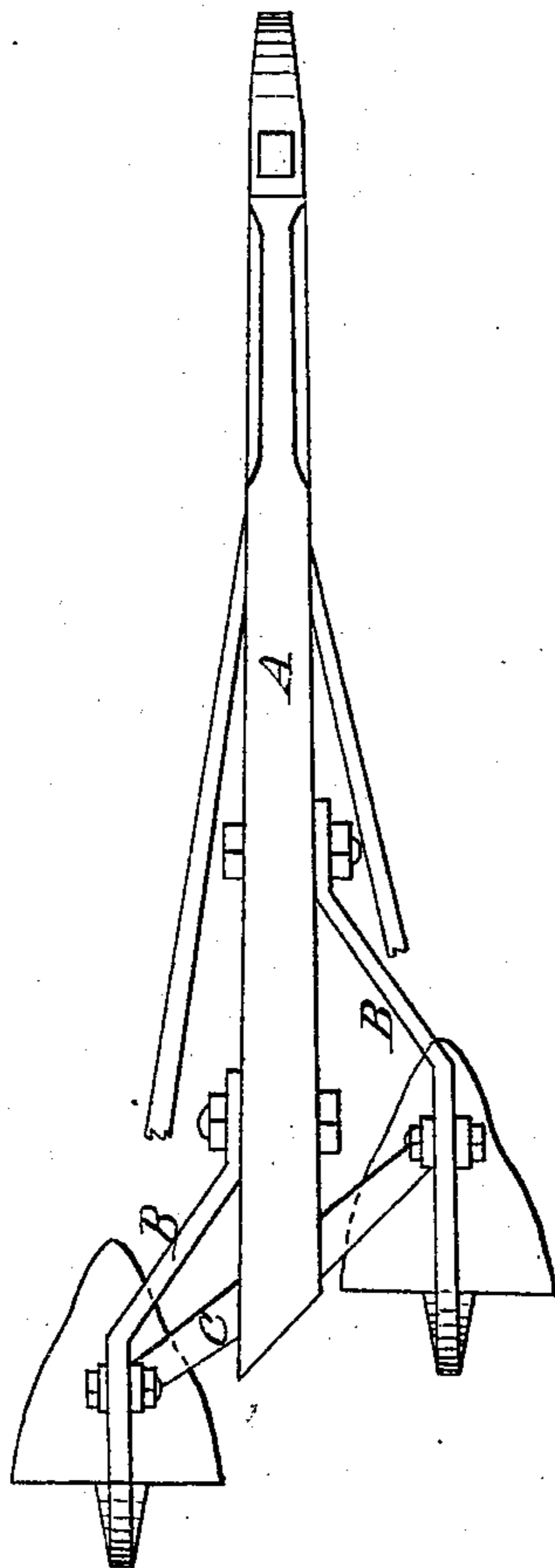
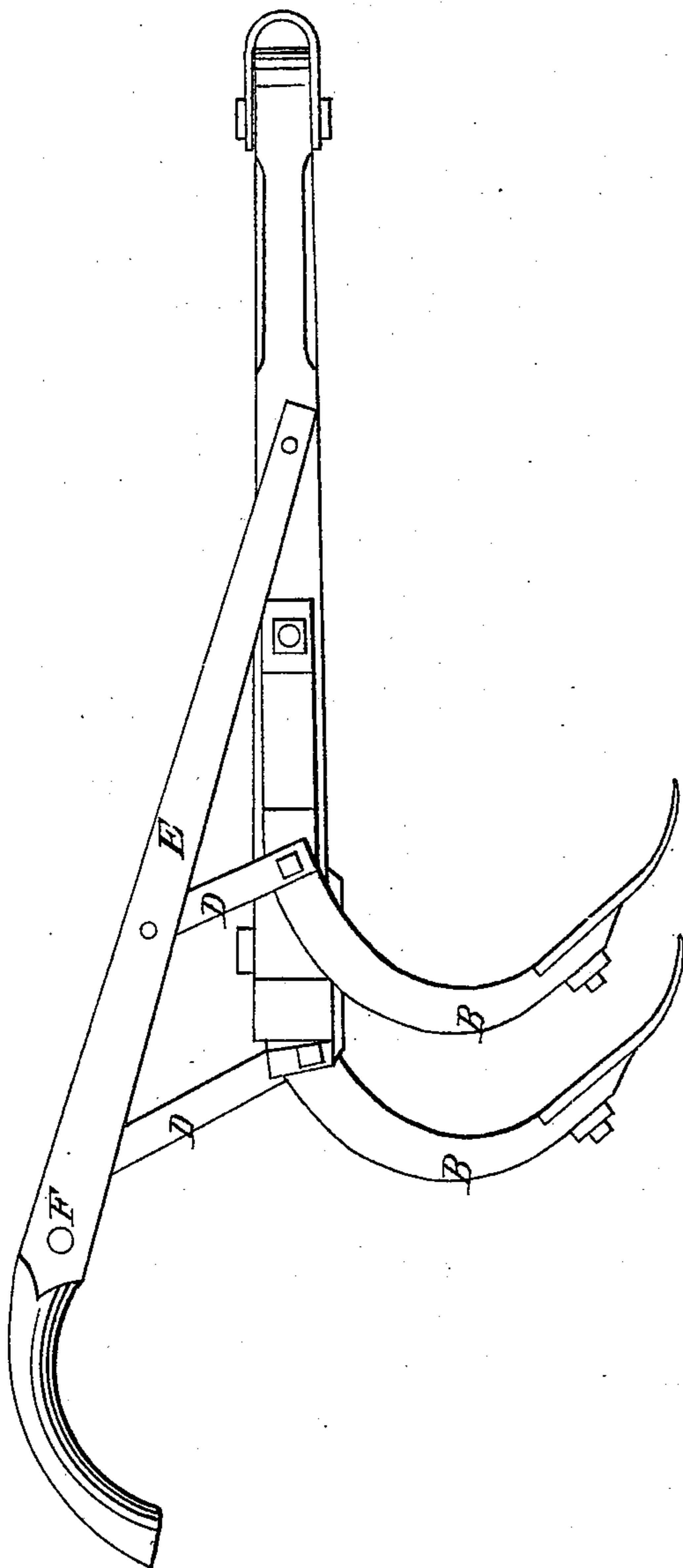


H. STEPHENS.

Shovel Plow.

No. 64,592.

Patented May 7, 1867.



Witnesses:

A. N. Marr
V. D. Stockbridge

Inventor:

per H. Stephens
Alexander & Mason
Atty's

United States Patent Office.

H. STEPHENS, OF MOUNT VERNON, OHIO.

Letters Patent No. 64,592, dated May 7, 1867.

DOUBLE-SHOVEL 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, H. STEPHENS, of Mount Vernon, in the county of Knox, and in the State of Ohio, have invented certain new and useful Improvements in Double-Shovel Ploughs; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and letters of reference marked thereon.

In the annexed drawings, making a part of this specification, A represents the beam, to which are bolted iron shovel-stocks B B, which rest flat against said beam at the front ends of said stocks where said bolts pass through. One and one-half inch back of said bolts said stocks are turned from said beam, running a distance of about eight or nine inches, at such angle as to place the shovels at a proper distance apart, at which point they are again bent to run parallel with said beam, and are also bent downward at such curve as will give proper set to the shovels, the whole length of said shovel-stocks being thirty inches for the largest sized plough. C is a horizontal brace which crosses diagonally under the rear end of the beam A, to which it is fastened by a bolt passing vertically through said beam. Said brace C is turned upward at a proper distance from each end to meet and fit against the inside of said shovel-stocks to which it is bolted. Flanges are also turned on the extreme ends of said brace resting on the top of said shovel-stocks. The bolts used in uniting said brace and shovel-stocks receive, on the outside of said shovel-stocks, iron-handle supports D D, to the upper end of which are bolted handles E E, which handles are also bolted to beam A, and held at proper distance apart by bar F, said beam-handles and bar being made of wood. Iron shovel-stocks are used because they present less obstruction to the earth than wood of the same strength, consequently making the draught much lighter. The horizontal brace is used for the purpose of supporting the shovel-stocks firmly without the use of throat-bolts, which obstruct the free passage of the earth and clog the plough. The beam-handles are made of wood in preference to iron, first, because the expense of wood is much less than iron; secondly, the wood beam is much stiffer than iron and less liable to tremble.

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

The combination of the shovel-stocks B B with the horizontal brace C and the beam A, when the same are constructed in the form and manner for the purpose specified.

In testimony that I claim the foregoing I have hereunto set my hand and seal this 13th day of March, 1867.

H. STEPHENS.

Witnesses:

A. N. MARR,
J. M. MASON.