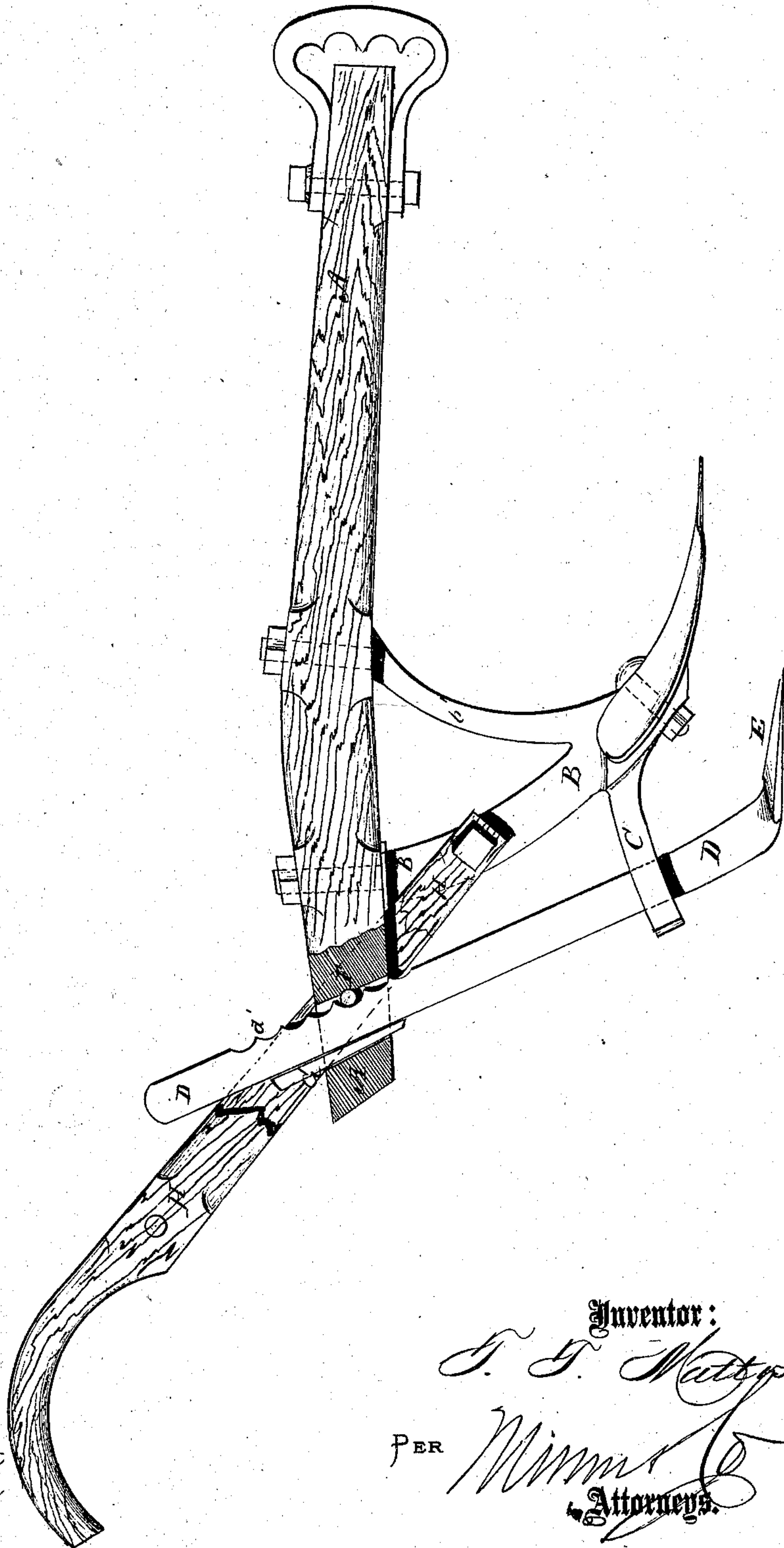


T. T. MATTOX.

Subsoil Plow.

No. 100,780.

Patented March 15, 1870.



Witnesses:

*Chas. Viola.*  
*Edgar Tate*

Inventor:

*T. T. Mattox*

PER

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Attorneys.



# UNITED STATES PATENT OFFICE.

THOMAS T. MATTOX, OF GRIFFIN, GEORGIA.

## IMPROVEMENT IN PLOWS.

Specification forming part of Letters Patent No. 100,780, dated March 15, 1870.]

*To all whom it may concern:*

Be it known that I, THOMAS T. MATTOX, of Griffin, in the county of Spalding and State of Georgia, have invented a new and useful Improvement in Plows; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing, forming part of this specification, in which the figure is a side view of my improved plow, part being broken away to show the construction.

My invention has for its object to furnish an improved plow, which shall be so constructed that a subsoil-plow may be readily connected with it and easily adjusted to work at any desired depth in the ground, and which shall at the same time be simple in construction, strong, and durable; and it consists in the construction and combination of certain parts of the plow, as hereinafter more fully described.

A is the plow-beam, to which is attached the upper end of the standard B, to the lower end of which may be attached any suitable plow, according as the character of the plowing to be done may require. The standard B is strengthened by a brace, *b'*, formed solid with the standard B, and the upper end of which is secured to the beam A, as shown in the figure.

C is a rearwardly-projecting arm, formed solid upon the lower part of the standard B, and the rear end of which is slotted vertically, to receive the standard D of the subsoil-plow, to the lower end of which is attached, or upon it is formed, the subsoil-plow plate E. The

standard D passes through and fits into the slot in the arm C, and passes up through a slot in the rear end of the beam A, as shown in the figure. The forward edge of the part of the standard D that passes through the beam A is notched, as shown in the figure, which notches *d'* fit upon the bolt F, that passes through the beam A in the forward part of the slot in which the standard D works. By this construction the depth at which the subsoil-plow works may be adjusted by raising or lowering the standard D, so that the bolt F may enter a lower or higher notch in said standard D. The standard D is held forward upon the bolt F, and prevented from working out of place, by the wedge G, interposed between the rear edge of the said standard D and the rear end of the slot in which said standard works, as shown in the figure. This construction enables the subsoil-plow to be conveniently and quickly adjusted to work at any desired depth, holds it securely when adjusted, and enables it to be readily removed when not required for use.

H are the handles, which are securely bolted to the beam A and to the standard B, as shown in the figure.

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

The combination of the stationary arm C and adjustable subsoil-plow standard D with the plow-standard B and plow-beam A, substantially as herein shown and described, and for the purpose set forth.

THOS. T. MATTOX.

Witnesses:

W. I. BERRY,

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