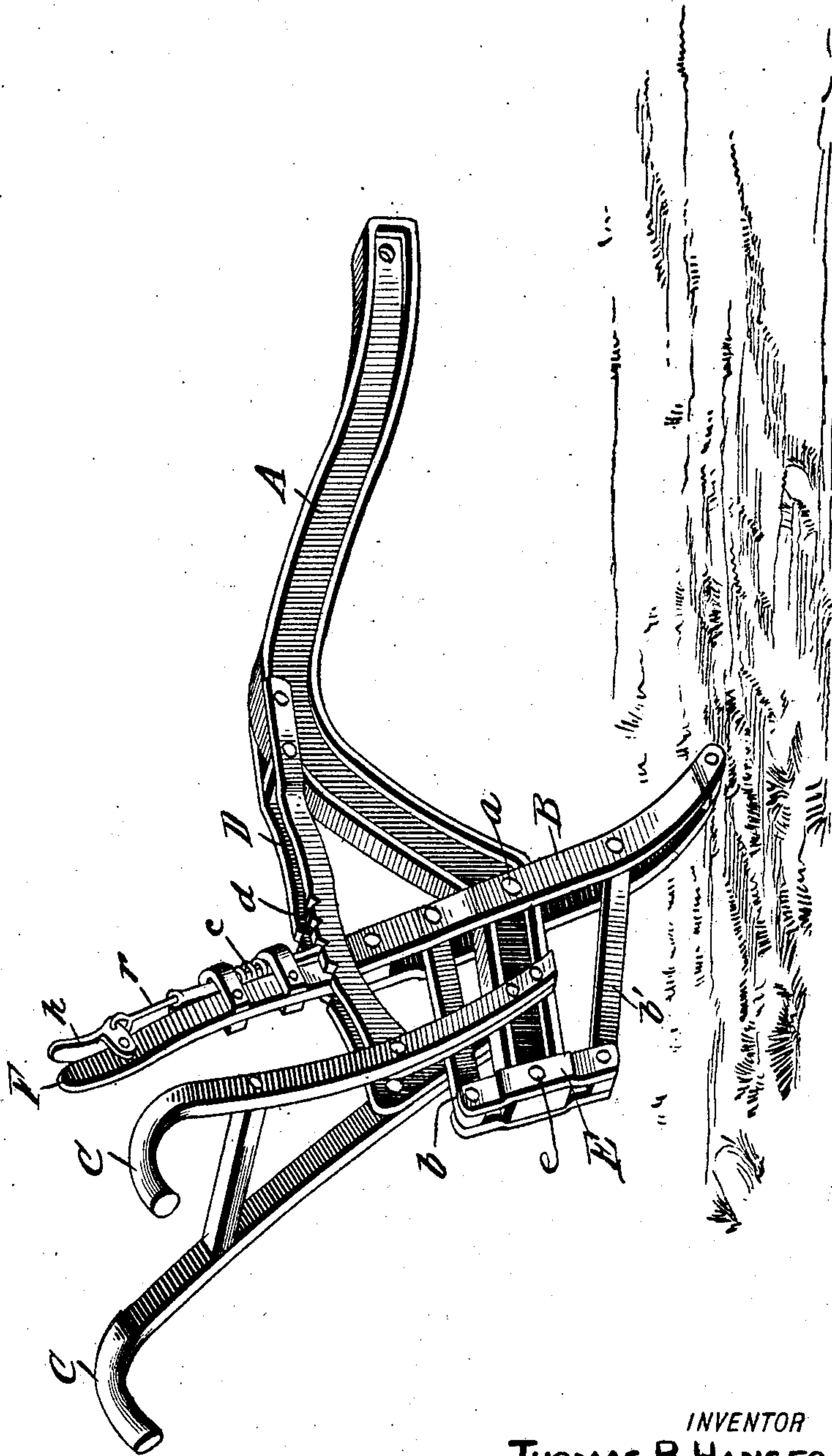


No. 832,477.

PATENTED OCT. 2, 1906.

T. B. HANSFORD.
PLOW.

APPLICATION FILED JUNE 21, 1906.



WITNESSES
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UNITED STATES PATENT OFFICE.

THOMAS B. HANSFORD, OF MAXEYS, GEORGIA.

PLOW.

No. 832,477.

Specification of Letters Patent.

Patented Oct. 2, 1906.

Application filed June 21, 1906. Serial No. 322,763.

To all whom it may concern:

Be it known that I, THOMAS B. HANSFORD, a citizen of the United States, residing at Maxeys, in the county of Oglethorpe and State of Georgia, have invented a new and useful Improvement in Plows, of which the following is a specification.

My invention is in the nature of a novel plow designed to receive any of the ordinary shapes of plow-blades and so constructed as to be easily and quickly adjusted by the plowman to run deep or shallow without leaving his position behind the handles.

It consists in the novel construction and arrangement of parts, which I will now proceed to describe with reference to the drawing, in which the figure is a perspective view of the plow, there being no cutting blades or shares shown on the standard, but the latter being adapted to receive any of the usual blades.

In the drawing, A represents the beam.

B is the standard.

C represents the handles.

D is a brace.

E is a cross-head pivoted at *e* to the rear end of the beam and having link-bars *b b'* above and below the rear end of the beam which connect the said cross-head to the standard B at points above and below the beam.

F is the adjusting-lever, which is connected to and forms a rigid extension of the plow-standard B.

The beam A curves downwardly at the rear end to the bolt *a*, which connects it to the standard, and from this point the beam is extended rearwardly in nearly horizontal position. The standard B is made of two bars connected together on opposite sides of the beam. The brace D is also made of two bars bolted together and connected at their forward ends to the beam A and at their rear ends to the handles C and thence down said handles to beam A. Between the two members of the brace D the adjusting-lever F passes up to a point within easy reach of the plowman from his position behind the handles. This lever has a spring-bolt *c* adapted to enter notches *d* in the top edge of the brace to fix the position of the lever and standard, and this spring-bolt has a pull-rod *r* and elbow-handle *h*, by which the spring-

bolt is operated when the lever and standard are to be adjusted backward or forward. 55

The link-bars *b b'*, connecting the standard to the cross-head E at the rear of the beam, serve to give strength and stiffness to the standard and aid in its adjustment.

By adjusting the lever F back and forth it will be seen that the inclination of the standard B and the blades which it carries is changed to cause said blades to run shallow or deep and at any desired inclination.

The various parts of the plow are all made of steel except the handles, which are made of wood and are bolted to the lower rear end of the beam. 65

I claim—

1. A plow comprising a beam extended downwardly and then horizontally at its rear end, a pair of handles secured to this lower rear end of the beam, a notched brace connecting the handles and upper portion of the beam and a standard fulcrumed to the beam and having an adjusting-lever extension provided with a locking-bolt engaging the notched brace. 75

2. A plow comprising a beam extended downwardly and then horizontally at its rear end, a pair of handles secured to this lower rear end of the beam, a notched brace made of two parallel members connecting the handles and the upper portion of the beam, a standard made in two parallel sections fulcrumed to the beam and having a lever extension projecting up between the two members of the brace with means for locking said lever to its adjustment. 80

3. A plow comprising a beam extended downwardly and then horizontally at its rear end, a pair of handles secured to this lower rear end of the beam, a brace connecting the handles and upper portion of the beam, a standard fulcrumed to the beam and having an upward lever extension with means for fixing its adjustment, a rocking cross-head on the rear end of the beam and two link-bars connecting the opposite ends of this cross-head to the standard above and below its fulcrum. 95 100

THOMAS B. HANSFORD.

Witnesses:

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