

No. 629,533.

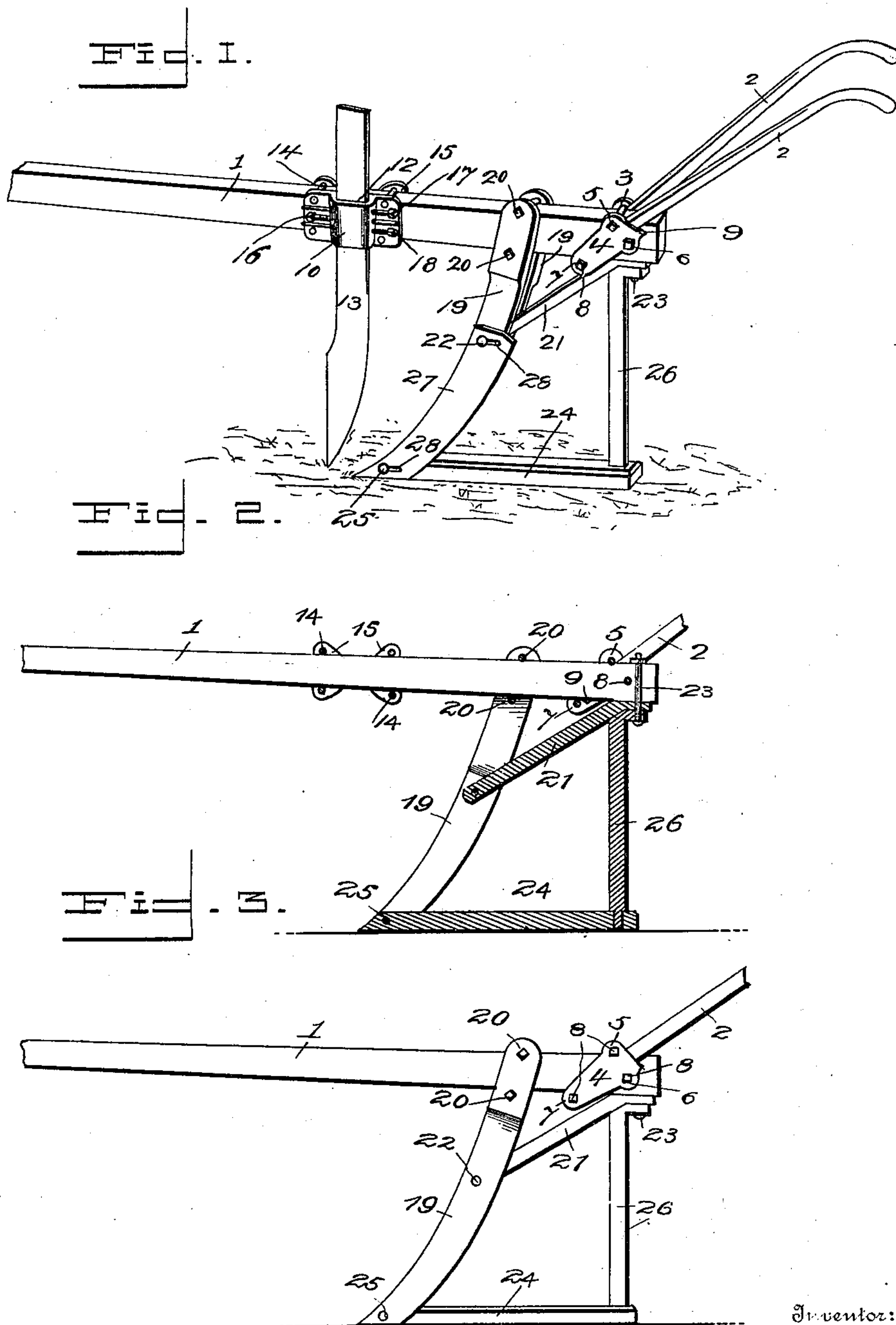
Patented July 25, 1899.

E. H. WESTBROOK.
PLOW STOCK.

(Application filed Sept. 8, 1898.)

(No Model.)

2 Sheets—Sheet 1.



Inventor:

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by
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Attorneys.

Witnesses:

Fenton S. Felt,
J. H. Wilson

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2 Sheets—Sheet 2.

Fig. 4.

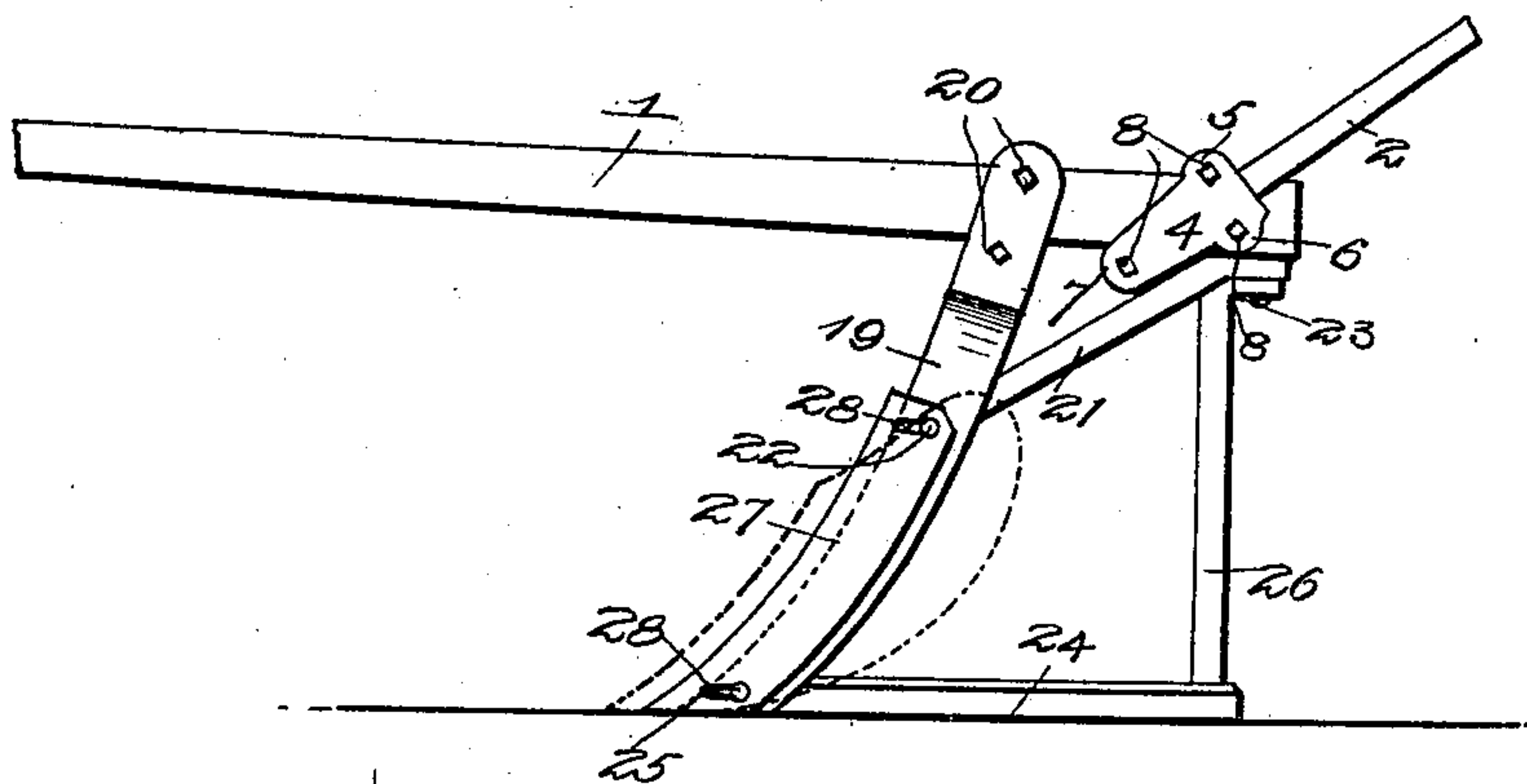


Fig. 5.

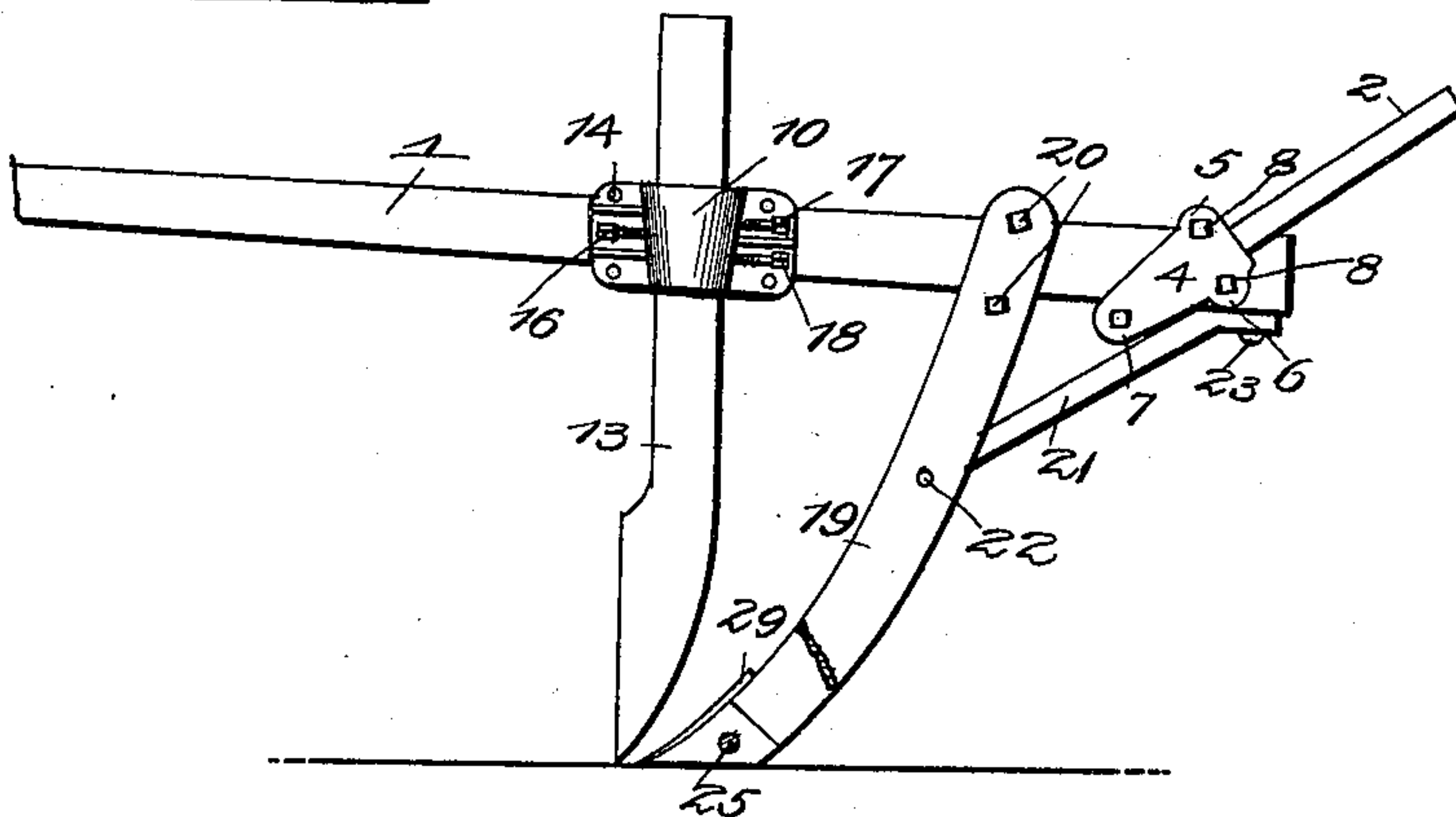
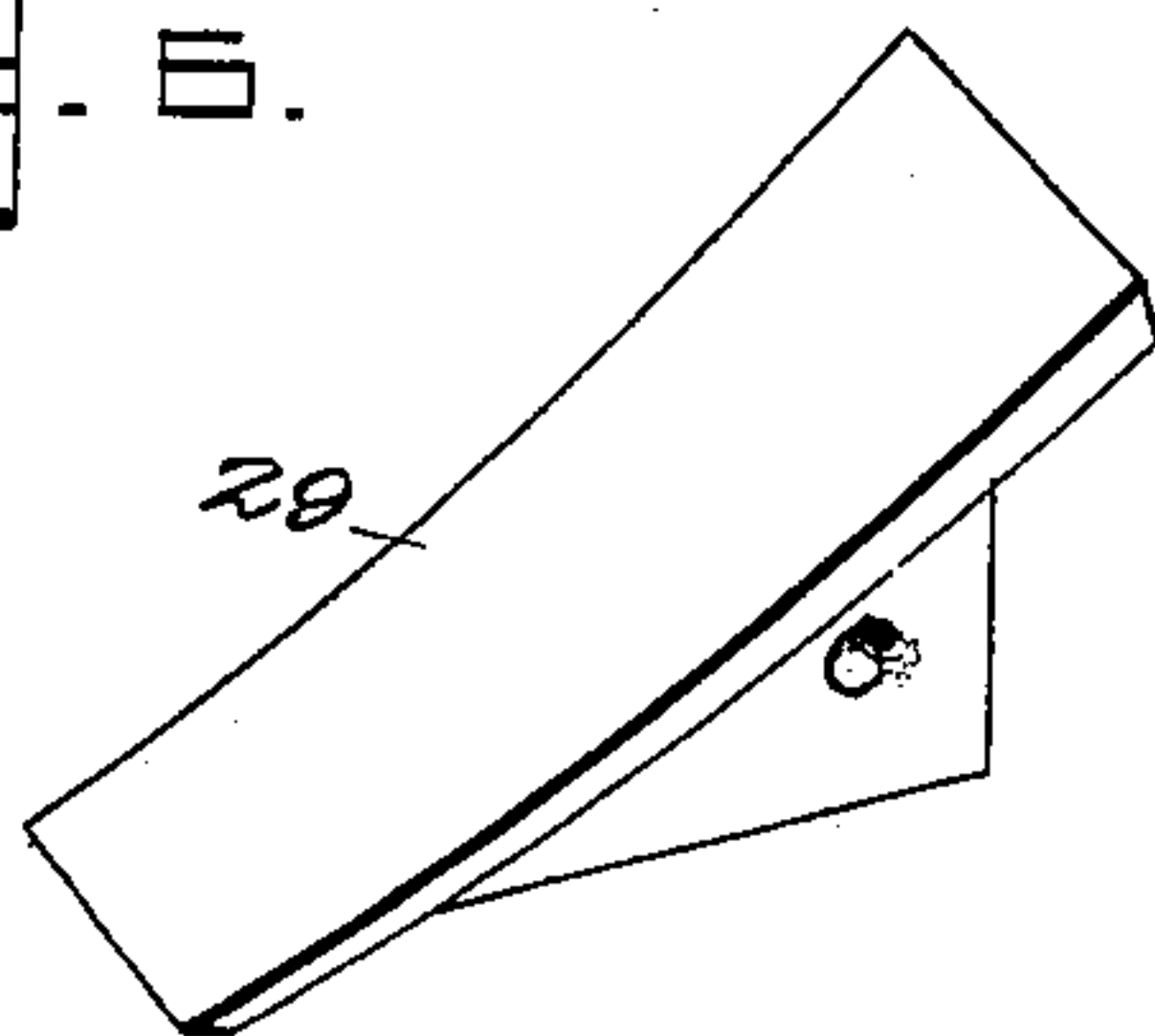


Fig. 6.



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UNITED STATES PATENT OFFICE.

EDMUND H. WESTBROOK, OF SMITHDALE, MISSISSIPPI.

PLOW-STOCK.

SPECIFICATION forming part of Letters Patent No. 629,533, dated July 25, 1899.

Application filed September 8, 1898. Serial No. 690,489. (No model.)

To all whom it may concern:

Be it known that I, EDMUND H. WESTBROOK, a citizen of the United States, residing at Smithdale, in the county of Amite and State of Mississippi, have invented certain new and useful Improvements in Plow-Stocks; 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.

My invention relates to improvements in plows and cultivators; and the object is to provide a simple and convenient device that may be adjusted to perform the work of a variety of implements.

To this end the invention consists in the construction, combination, and arrangement of the device, as will be hereinafter more fully described, and particularly pointed out in the claim.

The accompanying drawings show my invention in the best form now known to me; but many changes in the details might be made within the skill of a good mechanic without departing from the spirit of my invention as set forth in the claim at the end of this specification.

The same reference characters indicate the same parts of the invention.

Figure 1 is a perspective view of my improved plow. Fig. 2 is a longitudinal section of the same. Fig. 3 shows the same assembled as a sweep. Fig. 4 is a similar view showing the parts assembled as a scraper. Fig. 5 is another view in which the parts are assembled to form a plow for breaking new ground. Fig. 6 is a detail view of the point used in breaking new ground.

1 denotes the beam, and 2 2 the handles, which are removably secured thereto by means of the shoes 3 4, which are right and left counterparts of each other and are formed with a series of aligned integral ears 5, 6, and 7 to receive the cross-bolts 8 8 8 and with a longitudinal recess 9, open at one end, to receive the lower ends of the handles 2 2, which are rigidly clamped to the beam by the encompassing shoes. A feature of this construction to which attention may be directed is the fact that the handles are secured to the beam solely by the clamps and bolts without boring the

handles or otherwise weakening them. The colter consists of a shoe 10, formed with a vertical slot 12, to receive the colter-blade 13, and this shoe is adjustably and removably secured to the beam 1 by means of the bolts 14, which extend through the shoe 10 and parallel plate 15.

16 and 17 18 denote set-screws adjustably secured in the shoe 10 and extending into the slot 12, so as to give the proper adjustment to the point of the colter-blade. The standard consists of the right and left counterpart crescent-shaped parallel bars 19 19, adjustably secured to the beam by the bolts 20 20 and by the diagonal brace 21, the forward end of which is clamped between the bars 19 19 by the bolt 22 and its rear end fixed to the beam by the bolt 23.

24 represents the ground-slide, the forward tongued end of which is secured in the lower end of the standard by means of the bolt 25, and its rear end is fixed to the upright 26, which in turn is secured to the beam by means of the bolt 23.

27 denotes a crescent-shaped scraper-plate formed with the parallel slots 28 28 and adjustably secured on the standard-bolts 22 25.

29 represents a form of plow-point used in breaking new ground, and it is formed with a tongue 30, having a transverse orifice 31, to secure it on the bolt 25 in the lower end of the standard.

In Fig. 3 I have shown the colter and the point 29 removed when the stock is to be used as a sweep.

In Fig. 4 the scraper-plate 27 is adjusted in advance of the standard, so that the scraper-blade (shown in dotted lines) will be given the proper angle to throw the soil to the right-hand side.

In Fig. 5 the scraper-plate, ground-slide, and upright are removed, the point 29 inserted, and the colter adjusted, as shown, when the stock is used for new-ground work.

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

In a plow-stock of the class described, the combination with the standard and point, of the colter-shoe adjustably secured to said

stock in advance of the standard, and formed
with the vertical slot, and the colter-blade
mounted in said slot, the set-screw 16, mount-
ed in said shoe, in advance of said blade, and
5 the set-screws 17 18 mounted in said shoe be-
hind said blade, and respectively above and
below the forward set-screw 16, substantially
as and for the purpose set forth.

In testimony whereof I have hereunto set
my hand in presence of two subscribing wit- 10
nesses.

EDMUND H. WESTBROOK.

Witnesses:

W. E. COTTEN,
T. L. COTTEN.