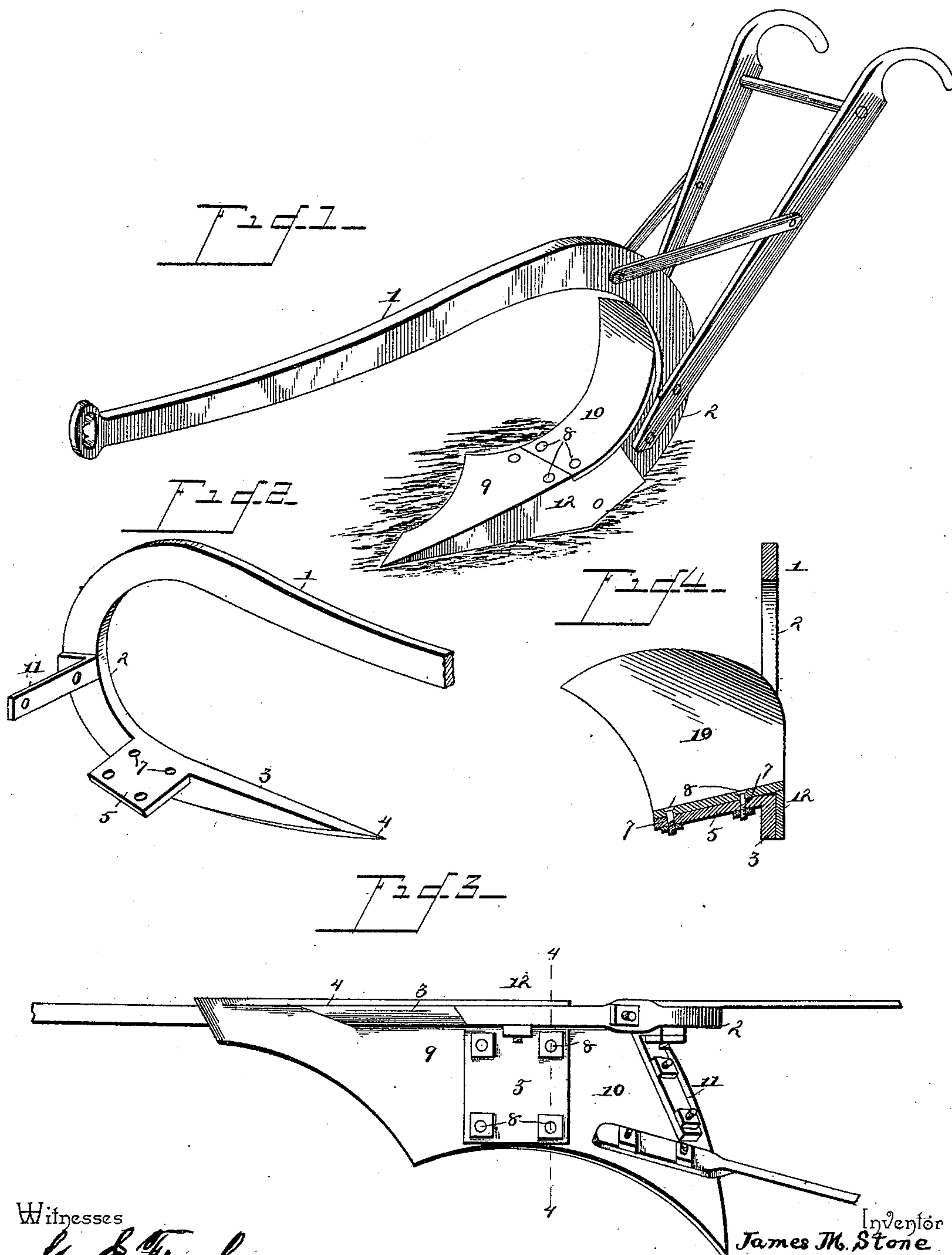


(No Model.)

J. M. STONE.
PLOW.

No. 438,961.

Patented Oct. 21, 1890.



Witnesses

Geo. C. Fitch

Wm. Baggett

By *his* Attorneys,

C. A. Snow & Co.

UNITED STATES PATENT OFFICE.

JAMES MICAJAH STONE, OF HOWE, TEXAS.

PLOW.

SPECIFICATION forming part of Letters Patent No. 438,961, dated October 21, 1890.

Application filed May 29, 1890. Serial No. 353,652. (No model.)

To all whom it may concern:

Be it known that I, JAMES MICAJAH STONE, a citizen of the United States, residing at Howe, in the county of Grayson and State of Texas, have invented a new and useful Plow, of which the following is a specification.

This invention relates to plows; and it has for its object to construct a plow which shall be especially adapted for breaking new land, and which shall be simple in construction and efficient in operation.

With these ends in view the invention consists in the improved construction and arrangement of parts, which will be hereinafter fully described, and particularly pointed out in the claim.

In the drawings, Figure 1 is a perspective view of my improved breaking-plow. Fig. 2 is a perspective view showing the beam and standard with the mold-board and share detached. Fig. 3 is a bottom view of the plow complete. Fig. 4 is a transverse sectional view taken on the line 4 4 in Fig. 3.

Like numerals of reference indicate like parts in all the figures.

1 designates the plow-beam, which is in the present instance constructed of iron and the rear end of which is bent in a downward and forward direction, so as to form the standard 2 and foot 3. The "foot," by which name I indicate that part to which the share and mold-board are to be attached, is curved slightly in an upward direction, and the under side of said foot is pointed, as shown at 4. 5 designates a seat-plate, which is securely welded to the foot 3 of the beam. The seat-plate 5 is provided with perforations 7, for the reception of bolts 8, by means of which the share 9 and mold-board 10 are securely attached to the said seat. A bracing-plate 11, which is bolted to the standard 2, forming a

part of the beam, serves as an additional support to the mold-board 10, which may be connected with the said bracing-plate by means of additional bolts.

My improved plow is designed especially for the purpose of breaking new land; and it will be especially observed that the share, while it is provided with a landside, does not cumber the draft, for the reason that the landside of the share, which is designated by 12, tapers to a point at the point of the plow, and consequently is adapted not merely to clear such obstructions as may be encountered, but also to remove such obstructions. In other words, when the obstructions—such as rocks or roots—are of such a size as to prevent their being lifted or cut by the plow the latter will ride over the obstructions without its progress being seriously impaired.

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

In a plow, the combination of the beam having the downwardly and forwardly extending standard and foot, the seat-plate 5, secured to the foot and having perforations 7, the arm or bracket 11, extending laterally from the standard, and the share 9, bolted to the seat-plate 5 and having the landside 12 and the mold-board 10 bolted to the plate 5 and arm 11 and resting upon said plate and arm and upon the upper edges of the mold-board and landside, substantially as and for the purpose set forth.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

JAMES MICAJAH STONE.

Witnesses:

JOHN M. CULVER,
E. B. CAMPBELL.