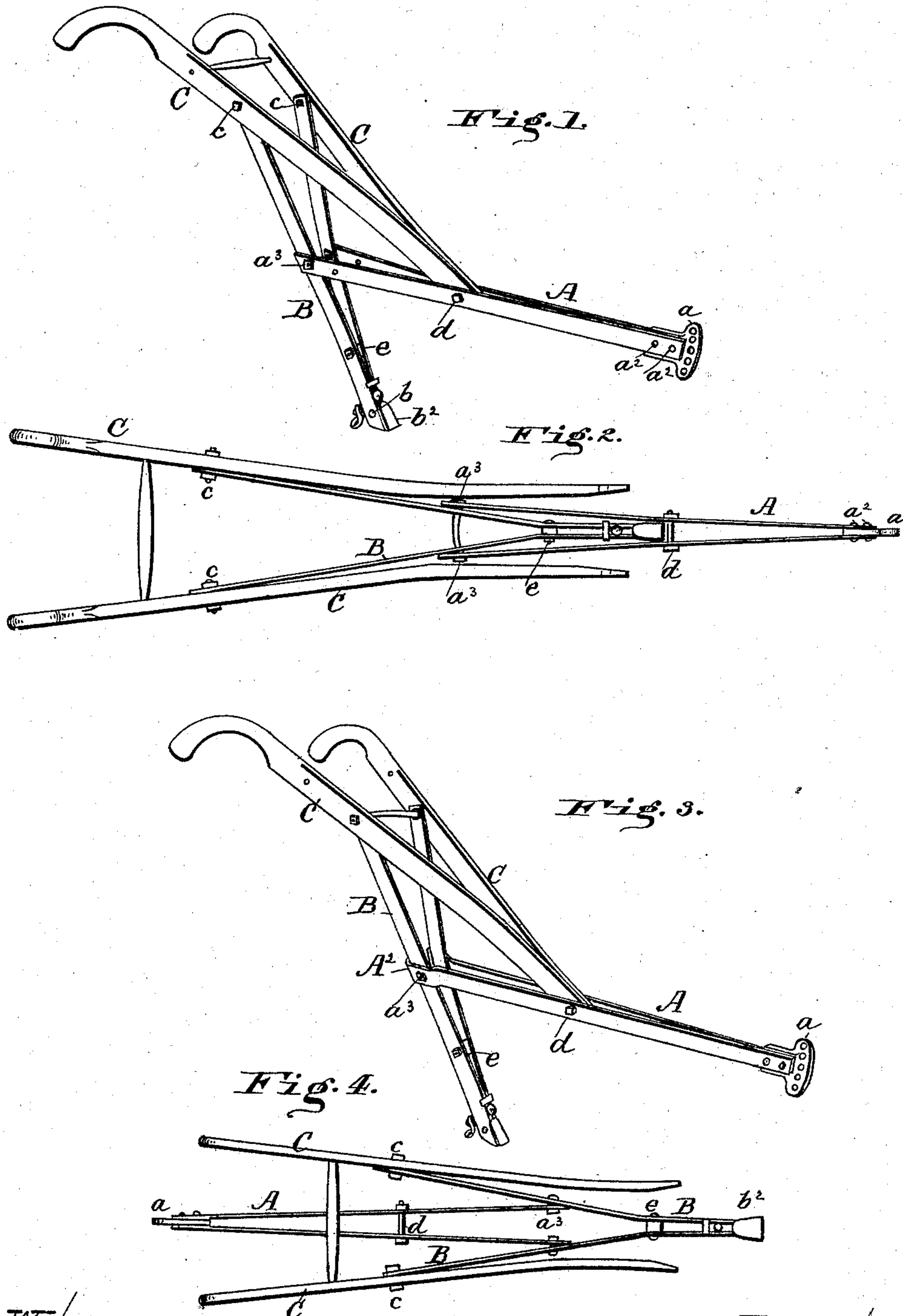


(No Model.)

T. W. BOYLE.
PLOW.

No. 500,750.

Patented July 4, 1893.



WITNESSES

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THADDEUS W. BOYLE, OF HARRIMAN, TENNESSEE.

PLOW.

SPECIFICATION forming part of Letters Patent No. 500,750, dated July 4, 1893.

Application filed June 30, 1892. Serial No. 438,520. (No model.)

To all whom it may concern:

Be it known that I, THADDEUS W. BOYLE, a citizen of the United States, residing at Harriman, in the county of Roane, State of Tennessee, have invented certain new and useful Improvements in Plows, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to the stock of plows; and the objects of my improvement are, to provide a light, strong and inexpensive plow-stock having the upper ends of a forked standard to brace the handles of the plow, and the component parts of said plow properly united, and also adapted to be folded alongside of each other without being materially disconnected, and thus permit a series of plows to be packed in a comparatively small space when ready to be stored or shipped. I attain these objects by the construction illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of a plow-stock constructed in accordance with my invention. Fig. 2 represents, on a larger scale, the parts of said plow-stock, knocked down or folded alongside of each other, all substantially in the same horizontal plane. Fig. 3 is a perspective view of a plow-stock slightly modified from that shown in Figs. 1 and 2. Fig. 4 represents the parts of a plow, folded in a modified manner from that shown in Fig. 2.

In said drawings, A represents the beam consisting of two flat bars, between which is secured at the front end thereof, the clevis *a* by means of a bolt or rivets *a*². The bars of the beam are diverging rearwardly, and have secured thereto preferably against the inner side of their rear ends, the forked standard B, by means of bolts *a*³, passing through the branches of the beam and through the forks of the standard.

In Fig. 4, the forks of the standard are secured against the outer side of the rear ends of the beam. The upper ends of the forks of the standard, extend a sufficient distance above the beam to be connected to the handles C at *c*, by means of a bolt or bolts passing therethrough and be braced to the beam, by means of said handles. For this purpose the lower ends of the handles are brought in close contact with the sides of the beam, pref-

erably against the inside of the flat bars of the beam, so as to have also the lower ends of the two handles in contact with each other, and a bolt *d*, is made to pass through the parts, with a nut or nuts upon the end of the bolt to properly clamp the handles. By this arrangement of the parts, a simple and strong plow-stock is constructed that is not liable to become warped by exposure to the weather. By this construction, the plow-stock can be folded, so as to occupy but little space, with all its parts in the same horizontal plane, by simply removing temporarily the bolt *d* from the bolt-holes in the lower ends of the handles and making the latter occupy the position shown in Fig. 2. The lower end of the standard is then made to occupy the space between the two bars of which the beam is formed. Said lower end of the standard may be in the form of a loop, if it is made of a single bar of iron bent upon itself, half way of its length, but I prefer to produce the standard of two bars united together at their lower ends by a rivet *b* passing through them and through a small shoe *b*², placed between them at that point. A small block *e* is also placed between the bars of the standard a short distance above its lower end and riveted thereto to give rigidity to that portion of the standard.

In Fig. 3 the rear ends of the bars of the beam *a* are bent toward each other at A², to engage with the rear portion of the standard if desired to relieve the connecting bolts *a*³ of pressure.

In Fig. 4 the rear ends of the bars of the beam are secured against the inner side of the forks of the handle-bracing forked standard and the clevis-end of the beam is folded between the rear ends of the handles.

Having now fully described my invention, I claim—

1. In a plow-stock the combination of the beam consisting of two metal bars divergent at the rear end, two handles having their lower ends secured to the bars of the beam, and a forked standard having the upper ends of its branches bolted to the handles and their middle portion bolted to the rear end of the beam, and united at the lower end to form a shovel seat substantially as described.

2. The combination in a plow-stock of a

beam, a forked standard having its branches secured to said beam, and handles pivotally secured to the upper ends of the branches of the standard; whereby the parts are adapted
5 to be all folded in the same horizontal plane by the removal of a single bolt substantially as described.

3. In combination with a standard having its upper end forked, and the upper ends of
10 the branches of said fork secured to the han-

dles, a beam having its rear end bolted to said standard, and handles having their upper portion bolted to the forks of the standard, and their lower ends to the beam.

In testimony whereof I affix my signature in 15 presence of two witnesses.

THADDEUS W. BOYLE.

Witnesses:

B. C. MCREE,
W. C. SHAW.