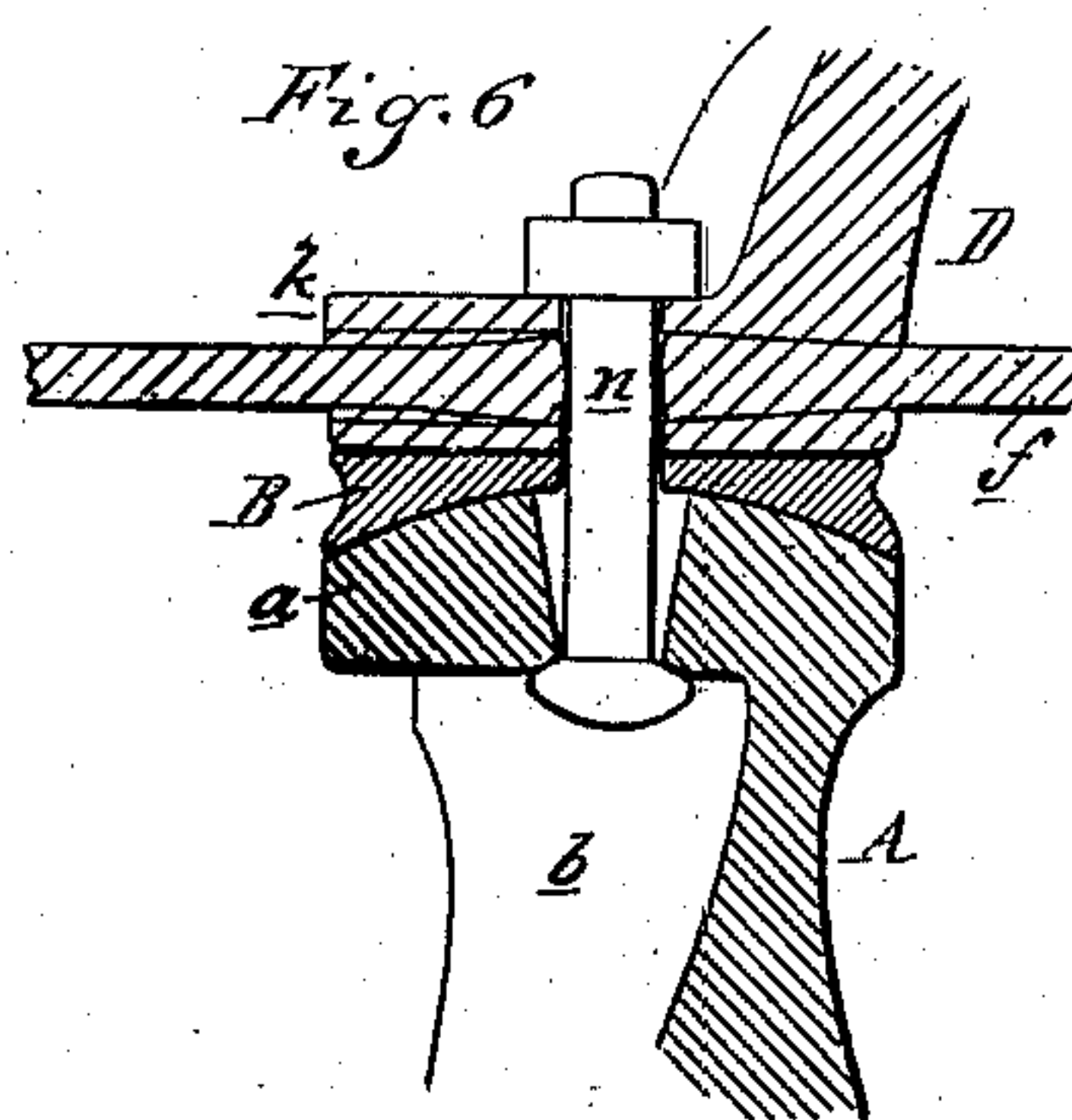
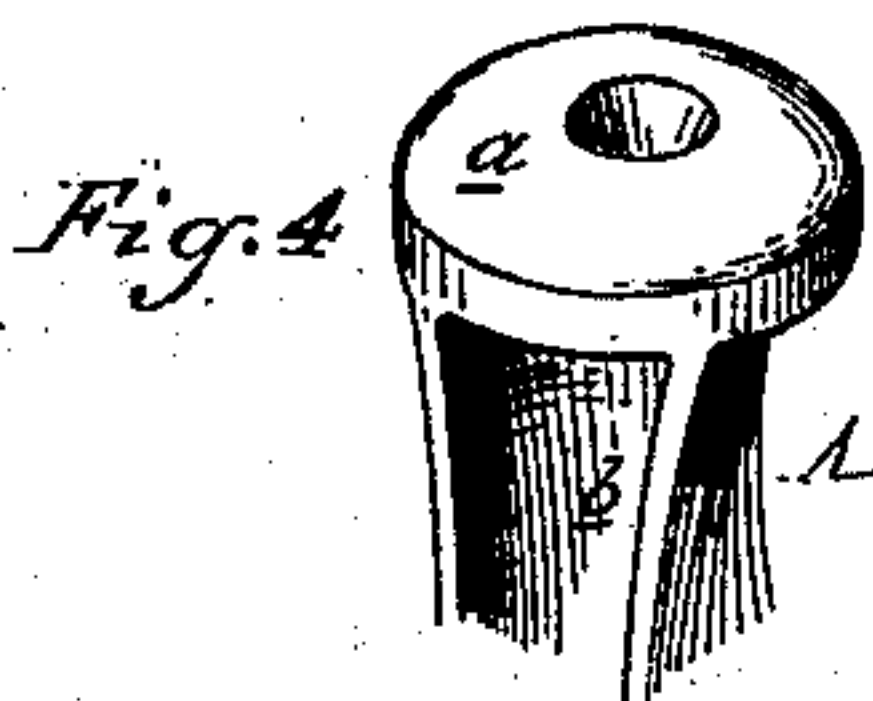
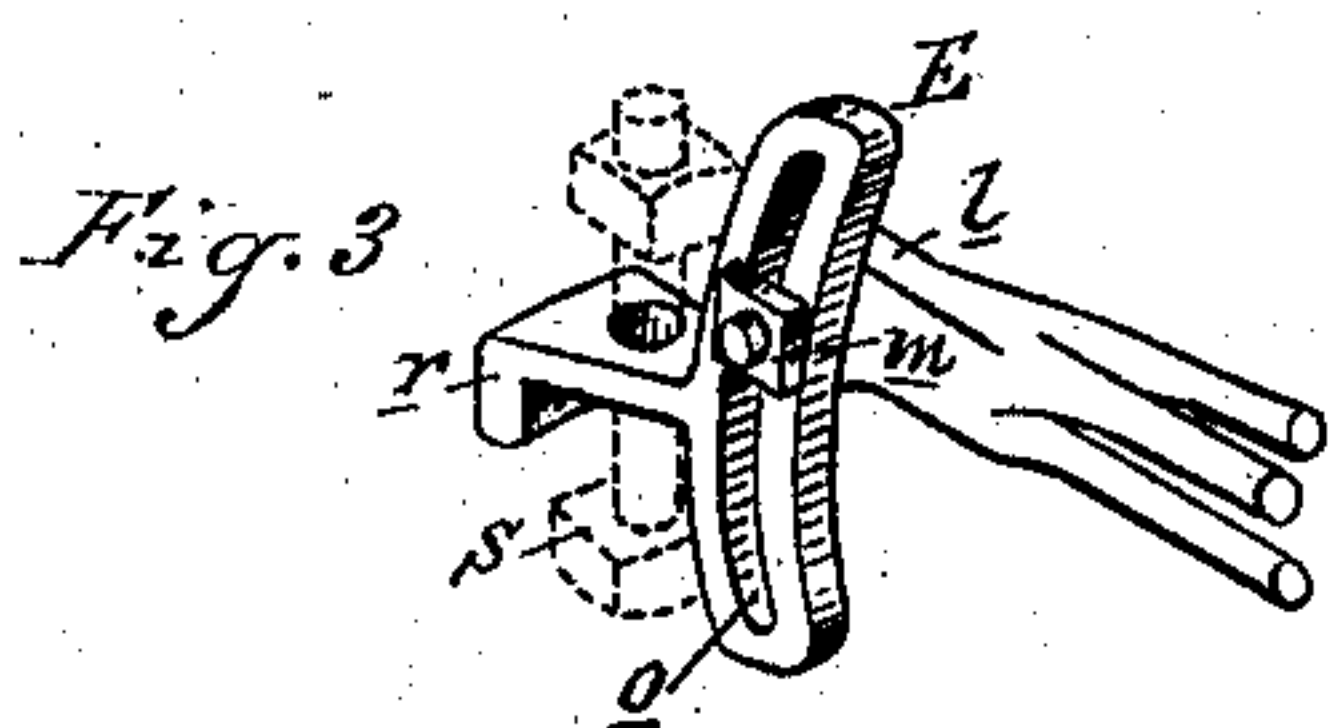
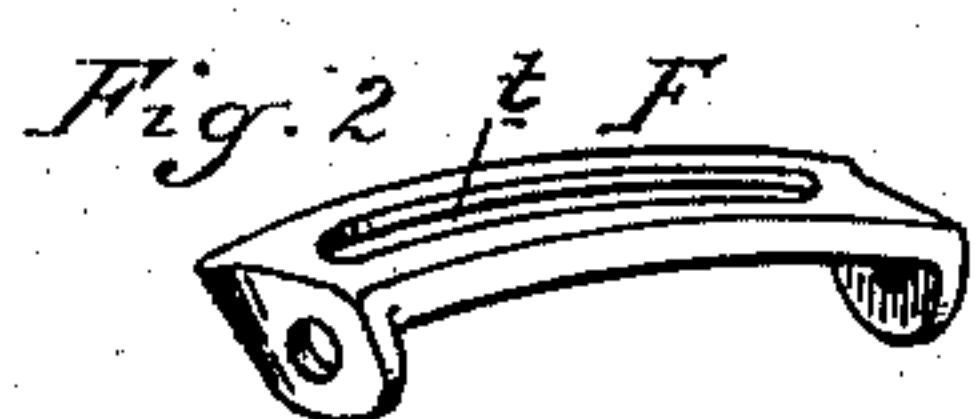
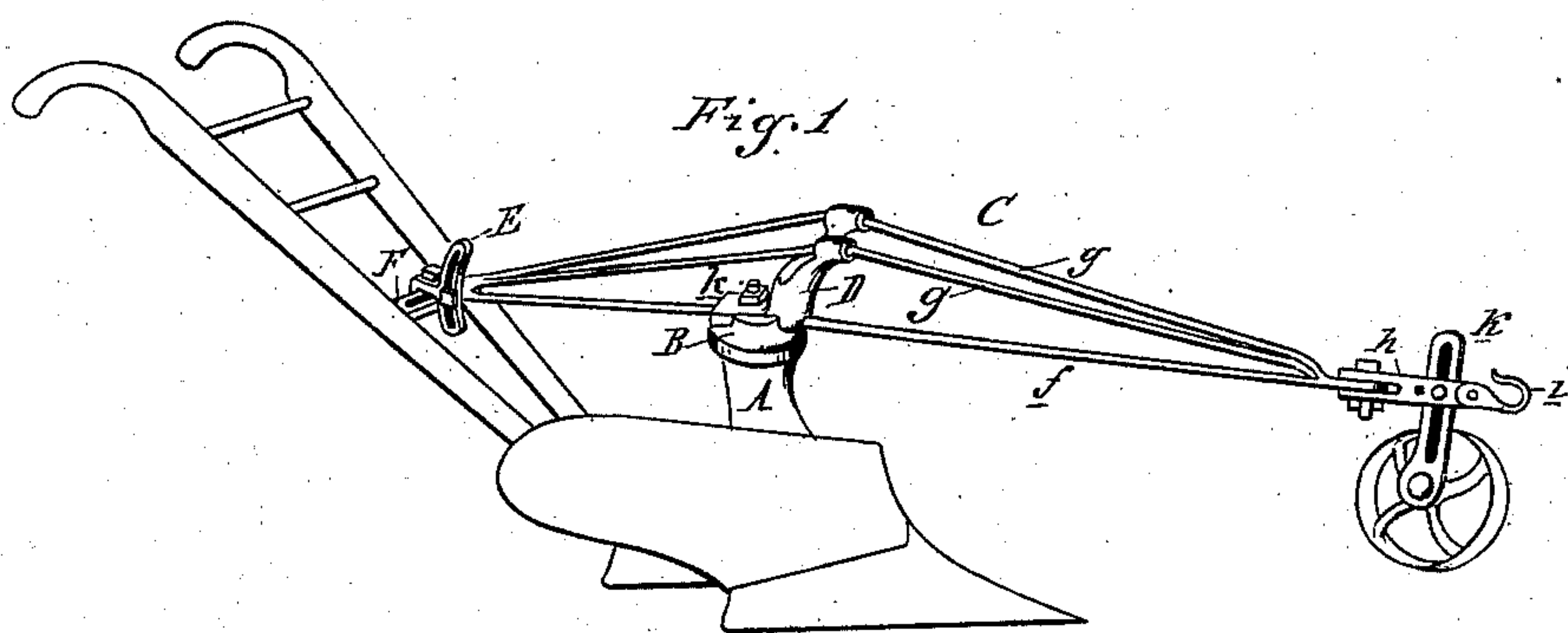


(No Model.)

S. SEEGMILLER.
Plow.

No. 242,844.

Patented June 14, 1881.



Attest:
A. Barthel
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Inventor:
Samuel Seegmiller
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Att'y

UNITED STATES PATENT OFFICE.

SAMUEL SEEGMILLER, OF GODERICH, CANADA.

PLOW.

SPECIFICATION forming part of Letters Patent No. 242,844, dated June 14, 1881.

Application filed November 10, 1880. (No model.)

To all whom it may concern :

Be it known that I, SAMUEL SEEGMILLER, of Goderich, Huron county, Dominion of Canada, have invented an Improvement in Plows, of which the following is a specification.

The nature of this invention relates to certain new and useful improvements in the construction of plows; and the invention consists in the peculiar construction and arrangement of the parts, as hereinafter more fully set forth.

Figure 1 is a perspective of my improved trussed beam as attached to a plow. Fig. 2 is a detached perspective of the handle-brace to which the rear end of the beam is secured. Fig. 3 is a perspective of the attachment at the rear end of the beam by means of which the vertical adjustment is secured. Fig. 4 is a rear perspective of the upper portion of the standard. Fig. 5 is a perspective view of the cap, and Fig. 6 is a vertical cross-section of the same.

In the accompanying drawings, which form a part of this specification, A represents a plow-standard surmounted by a semi-spherical-shaped head, *a*, centrally provided with a vertical conical hole or slot leading into an open chamber, *b*, in the rear side of said standard.

B is a cap, concave upon its under side to fit the top of the standard, and provided with a vertical bolt-hole, *d*, and with two parallel ribs, *e*, upon its upper face, thereby forming a channel, *c*.

C represents my improved truss-beam, formed of the lower draft-rod, *f*, and the two upper truss-rods, *g*. The forward ends of these rods are welded or otherwise secured together, and this end is pivotally secured to the bar *h*, to which the clevis-hook *i* and wheel-standard *k* are secured in the usual manner. The rear ends of the rods *f g* are secured together, forming, by welding or otherwise, the plate *l*, through which a bolt, *m*, passes.

D is a bifurcated metal extension to the standard, to which the rods *f g* are secured by passing through holes near the upper ends of the bifurcated arms and a hole in the base-plate *k* of the extension D, so that they will be compelled, no matter what drawing strain may be put upon them, to retain their relative positions, as shown. The lower end of the extension D terminates in a plate, *k*, having an

elongated hole, which plate rests in the channel *c* of the cap B, and is secured thereto by the bolt *n*, which passes through the plate and the hereinbefore-named holes in the cap and standard-head, and the bolt, being a little smaller than the said bolt-holes, will allow, when the nut is loosened, the beam to be adjusted as desired, the cap and standard-head forming a kind of universal joint.

E is a vertical plate provided with a radial slot, *o*, and with an ear, *r*, cast at right angles upon and to the plate E, and this ear is provided with a centrally-located hole to receive the bolt *s*.

F is a brace-iron secured between the handles of the plow, and this iron is provided with a slot, *t*. The rear end of the beam is adjustably secured by the bolt *m*, passing through the radial slot *o* in the plate E, and by this means a vertical adjustment of the beam is secured. The ear *r* rests upon the top of the brace F, and the bolt *s*, passing through the ear and the slot *t*, allows of a lateral adjustment of the beam.

In case it is desirable to use a wooden or iron single-bar beam, the same attachments at the rear end may be used with the standard and cap as described, the beam resting in the channel *c* in said cap.

What I claim as my invention is—

1. The combination, with the plow-standard A, surmounted by a semi-spherical head having a conical hole, and provided with the open chamber *b*, of the cap B, concave on its under face, and provided with hole *d*, parallel ribs *e*, and channel *c*, bifurcated extension D, having base-plate *k*, skeleton-beam C, and bolt *n*, whereby the skeleton-beam is secured to the standard by a universal joint, substantially as described.

2. The combination of the standard A, having a convex head, and chamber *b*, cap B, constructed as set forth, bifurcated extension D, and skeleton-beam C, with the slotted handle-brace F, plate E, having slot *o* and ear *r*, and bolts *n m s*, substantially as described, and for the purpose set forth.

SAMUEL SEEGMILLER.

Witnesses:

H. S. SPRAGUE,

J. PAUL MAYER.