July 28, 1925. 1,547,291

F. BECHDHOLT

PLOW

Filed Nov. 10, 1924

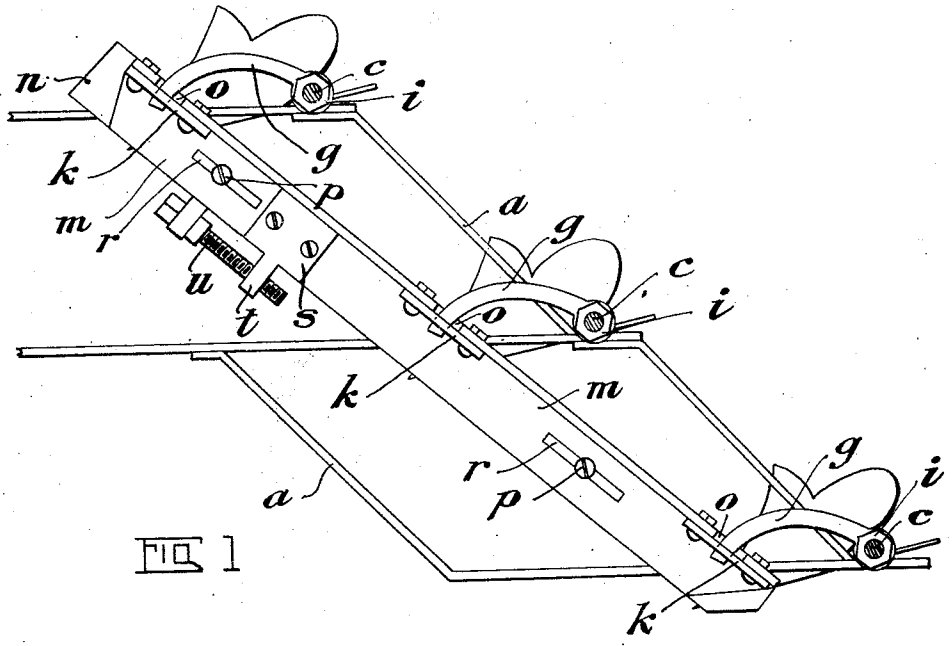


FIG 1

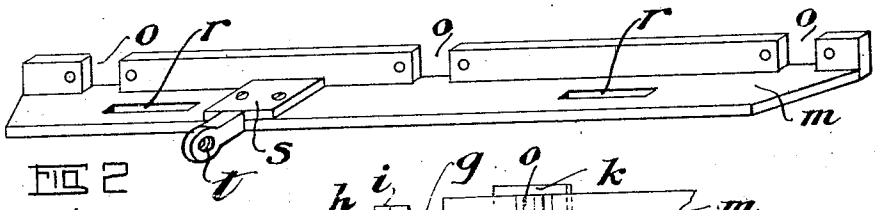


FIG 2

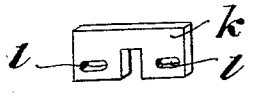


FIG 3

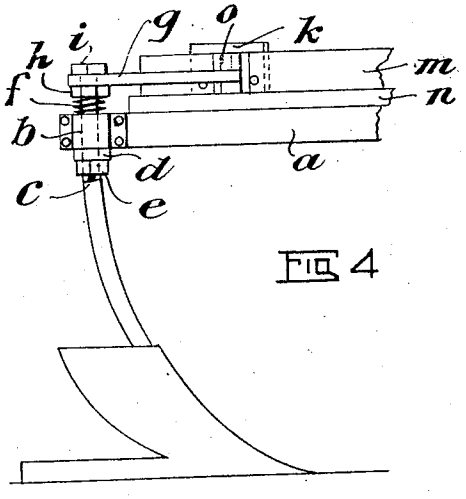


FIG 4

Witnesses: W. J. Gray

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UNITED STATES PATENT OFFICE.

FREDERICK BECHDHOLT, OF CASSILS, ALBERTA, CANADA.

PLOW.

Application filed November 10, 1924. Serial No. 748,958.

To all whom it may concern:

Be it known that I, FREDERICK BECHDHOLT, of the town of Cassils, in the Province of Alberta, in the Dominion of Canada, a subject of the King of Great Britain and Ireland, whose post-office address is Cassils, Alberta, Canada, have invented certain new and useful Improvements in Plows, of which the following is a specification.

My invention relates to improvements in plows, more especially of the multiple furrow variety, in which the tractive force is supplied by steam or internal combustion engines and which has as its object the means for making individual adjustment to each mould board as well as a collective adjustment or master control.

In the accompanying drawings illustrating my device—

Fig. 1, is a fragmentary plan showing the mould boards turned at an angle and also shows the means by which this turning is accomplished;

Fig. 2, is a perspective view showing the slide bar which moves the mould board levers;

Fig. 3, is a perspective view of one of the adjusting plates which are secured to the slide bar to give individual adjustment;

Fig. 4, is an elevation showing the mould board mounted on the beam, the standard on the frame, the vertical adjustment for the beam and the means for giving horizontal control.

Similar characters refer to similar parts throughout the several views.

The frame *a*, is constructed with ties and has standards *b*, securely mounted thereupon. Through these standards *b*, mould board beams *c*, are adjustably mounted, collars *d* being provided immediately beneath the frame supported by nuts *e*, around the beams *c*. On the upper side of the frame coil springs *f*, are placed which are held in place on the upper side of the frame by nuts *h*, the nuts *h*, also forming supports for lever arms *g*. These lever arms *g*, rest upon the nuts *h*, and are secured upon the upper ends of the beams by lock nuts *i*, upon their upper side, and passing toward the front of the framing *a*, engage within slots in plates *k*. The plates *k*, are adjustable by having slots *l*, formed therethrough and are mounted upon a bar *m*, the bar being slidably mounted upon a base member *n*, which base member is securely mounted across the frame *a*.

The bar *m*, is in the form of an angle and has wide slots *o*, formed through its vertical face adjacent to which the slotted plates *k*, are secured. These wide slots are provided in conjunction with the slotted plates *k*, to give individual adjustment to the lever arms *g*. Guides *p*, are mounted in the base member *n*, which project through slots *r*, formed in the base of the bar *m*, and upon the bar *m*, a plate *s*, is secured which is provided with an interiorly threaded eye *t*, a worm screw *u*, being mounted upon the base member *n*, which engages within the eye *t*, to impart sliding motion to the bar *m*.

What I claim is:

The combination in a plow, of a frame, a series of standards secured thereon, beams adjustably mounted through the said standards the said beams carrying mould boards, arms secured to the upper ends of the said beams, a plate slidable across the frame with slots therethrough within which the arms engage and means for controlling the movement of the said sliding plate.

FREDERICK BECHDHOLT.

Witnesses:
ERIC L. HARVIE,
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