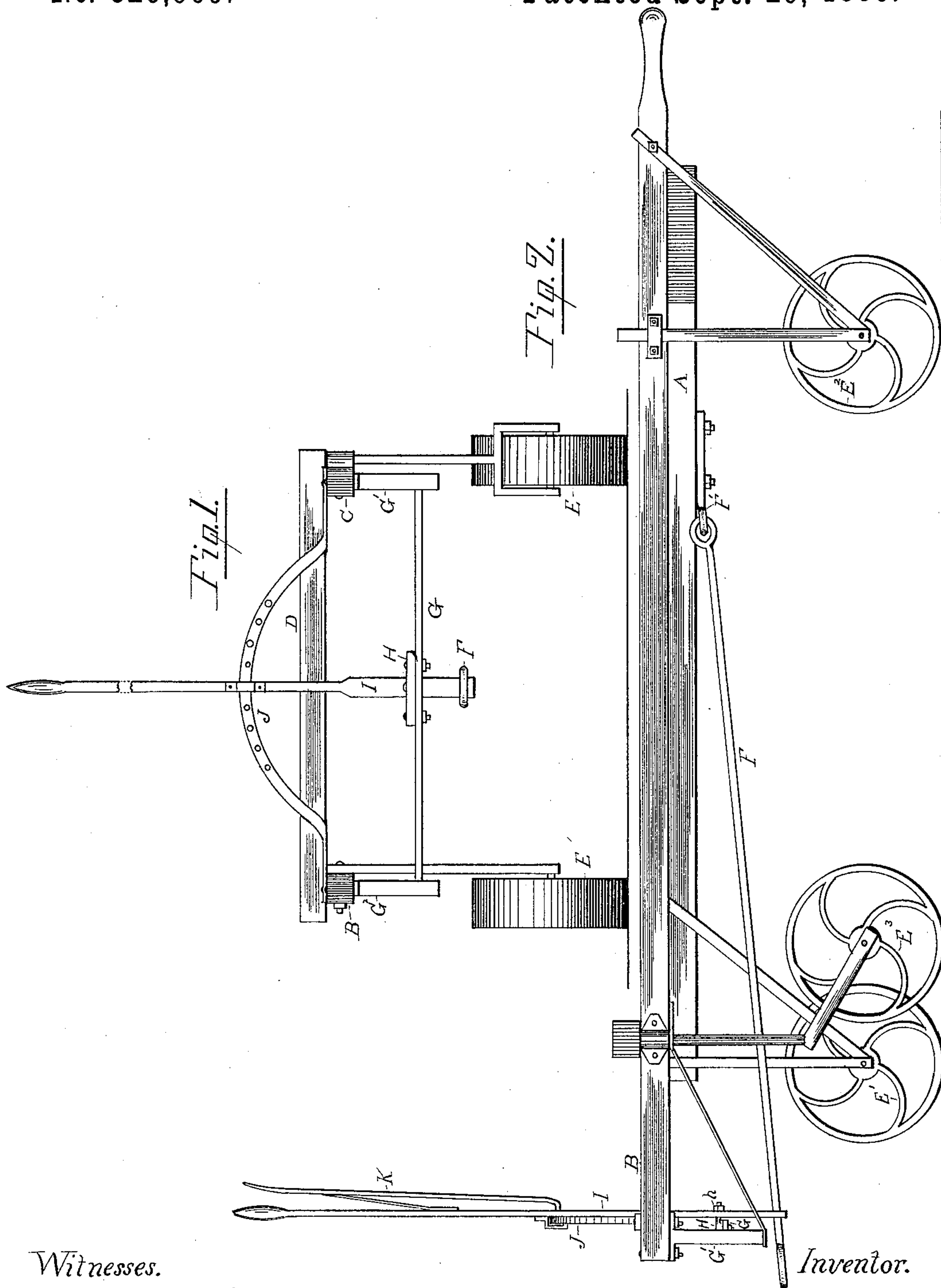


(No Model.)

J. R. GILL.
GANG PLOW.

No. 326,969.

Patented Sept. 29, 1885.



Witnesses.

Elihu D. Howe,

Alexander W. Lockhart

James R. Gill.

By J. B. Webster. Atty.

UNITED STATES PATENT OFFICE.

JAMES R. GILL, OF BELLOTA, CALIFORNIA.

GANG-PLOW.

SPECIFICATION forming part of Letters Patent No. 326,969, dated September 29, 1885.

Application filed March 23, 1885. (No model.)

To all whom it may concern:

Be it known that I, JAMES R. GILL, a citizen of the United States, residing at Bellota, in the county of San Joaquin and State of California, have invented certain new and useful Improvements in Gang - Plows, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to an improvement in the draft-regulating device of gang-plows; and it consists in the combination, with the main beam and draft-bar of the gang-plow, of a draft-rod and adjusting-lever.

In the accompanying drawings, Figure 1 is a front end view of frame and wheels of a gang-plow showing my invention. Fig. 2 is a side elevation of the same.

A represents the main beam, to which any required number of plows may be bolted. B is a right-hand draft-beam extending from the front end of the main beam A forwardly in the line of the draft, and C is a left-hand draft-beam extending from the rear end of the main beam A forwardly in the line of the draft. Both the beams B and C may be at any desired angle with the beam A, but must at their forward ends be parallel with each other. D is a cross-beam connecting the bars B and C in front. A caster-wheel, E, is attached near the front end of beam C, an adjustable wheel, E', to near the front end of beam C, and a like wheel, E'', to rear of beam C. Vertical iron straps G' and G'' are attached, respectively, to forward ends of beams B and C, and, extending downwardly, have attached to them a draft-bar, G. I do not describe or represent any plows, as such may be of any desired construction and attached in any manner to the main beam A.

The construction as above described contains many features which are old, and to which I make no claim of novelty, as my invention consists mainly in the attachment to the above-described frame of a draft-rod, F, provided with a ring at its front end for attach-

ing the team, and having its rear end provided with an eye engaging with a similar eye in a short iron bar, F', bolted to the under side of beam A near its rear.

The foot of a handling-lever, I, encircles draft-rod F just behind the ring in its front. An iron, H, provided with a pin at its rear, is bolted to the draft-bar G. Upon the pin of iron H is loosely hung the lever I, a hole being furnished near its foot for such purpose. A vertical yoke, J, is bolted to the front ends of beams B and C, and is provided with a series of holes. The lever I is connected to yoke J by an iron clasp of any desired kind. A spring-detent, K, is attached to rear of lever I, and engages with holes of yoke J. The plowman, by means of the lever I and its spring-detent K, controls the front of the draft-rod F and throws the position of the plows to and from the land at will.

My invention will be found to be of peculiar value on side-hills and uneven land, as controlling the position of the plows to and from the land.

Having described my invention, what I claim as new is—

A plow-frame composed of the main beam A, beams B and C, cross-beam D, draft-bar G, draft-irons G' G'', wheels E, E', and E'', in combination with a draft-regulating attachment consisting of the draft-rod F, its attaching-iron F', bolted to under side of rear of beam A, the iron H, attached to draft-bar G and lever I, the latter being provided with spring-detent K, and engaging with draft-bar F, attached at its foot, and with perforated yoke J, attached to ends of beams B and C, all substantially as shown and described.

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

JAMES R. GILL.

Witnesses:

THOMAS A. GILL,
ELIHU B. STOWE.