

No. 810,467.

PATENTED JAN. 23, 1906.

S. H. CLARK.
PLOW ATTACHMENT.
APPLICATION FILED FEB. 7, 1905.

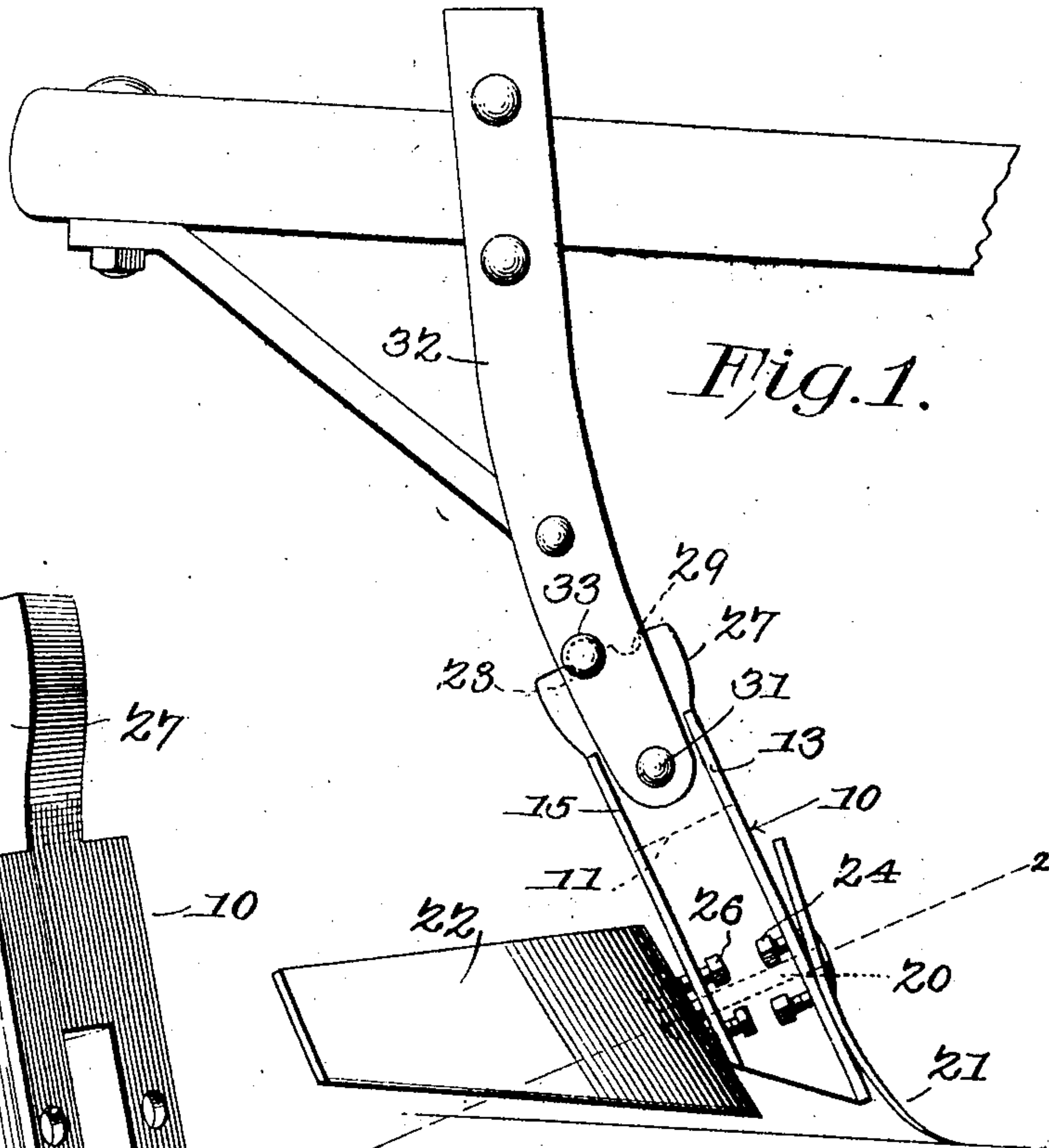


Fig. 1.

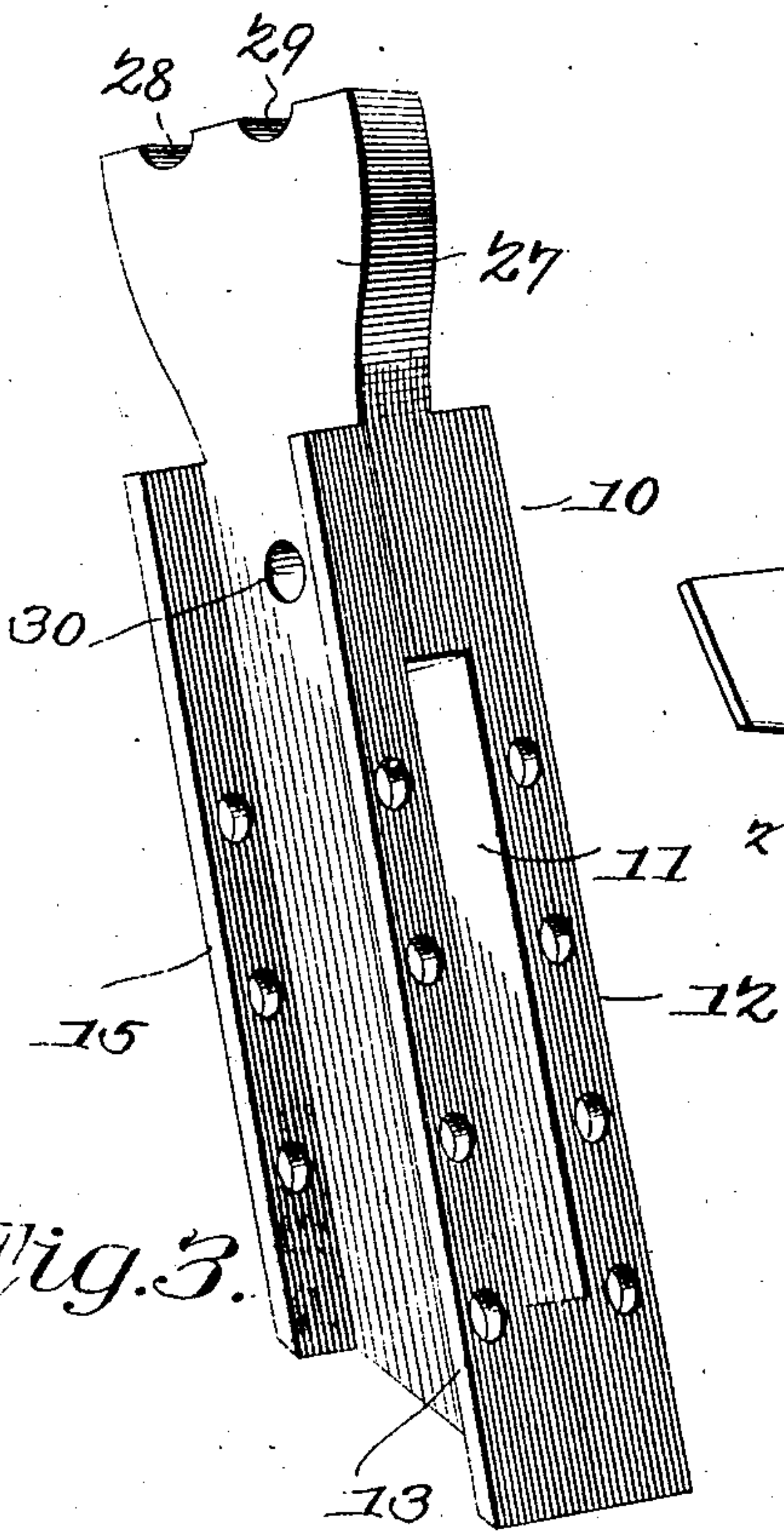


Fig. 3.

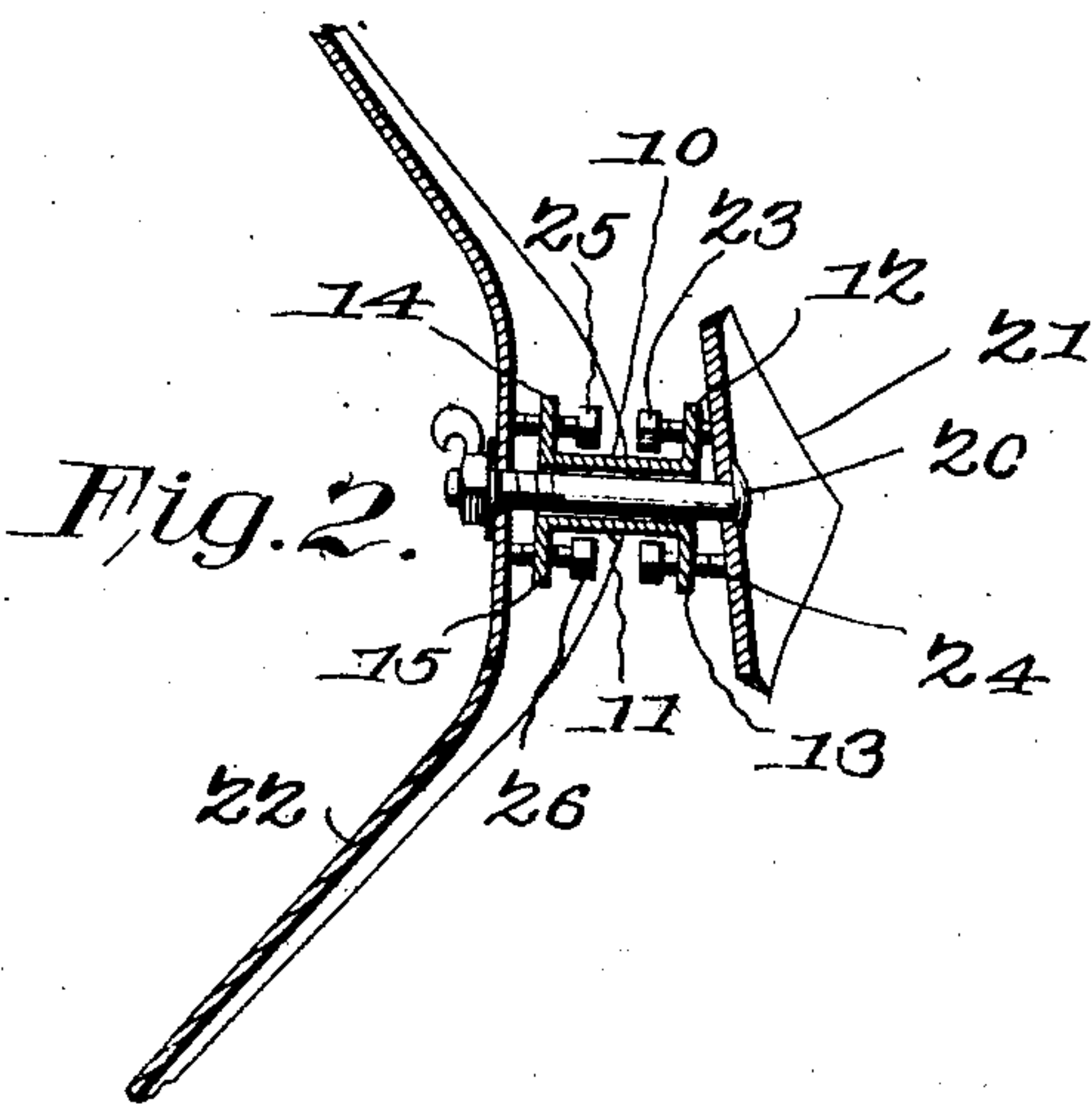


Fig. 2.

Witnesses

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UNITED STATES PATENT OFFICE.

SAMUEL HOUSTON CLARK, OF RISINGSTAR, TEXAS.

PLOW ATTACHMENT.

No. 810,467.

Specification of Letters Patent.

Patented Jan. 23, 1906.

Application filed February 7, 1905. Serial No. 244,605.

To all whom it may concern:

Be it known that I, SAMUEL HOUSTON CLARK, a citizen of the United States, residing at Risingstar, in the county of Eastland and State of Texas, have invented a new and useful Plow Attachment, of which the following is a specification.

This invention relates to improvements in the "foot" portions of the standards of plows, cultivators, and similar implements, and has for its object to provide a simply-constructed and easily-applied attachment whereby moldboards, hoes, coverers, and the like of various forms may be adjustably connected to the standard.

Another object of the invention is to provide an attachment of the class above referred to which may be adjustably attached to the standard.

With these and other objects in view, which will appear as the nature of the invention is better understood, the same consists in certain novel features of construction, as hereinafter fully described and claimed.

In the accompanying drawings, forming a part of this specification, and in which corresponding parts are denoted by like designating characters, is illustrated the preferred form of the embodiment of the invention capable of carrying the same into practical operation, it being understood that the invention is not necessarily limited thereto, as various changes in the shape, proportions, and general assemblage of the parts may be resorted to without departing from the principle of the invention or sacrificing any of its advantages.

In the drawings, Figure 1 is a side elevation of a portion of a plow-beam and its standard with the improved attachment applied. Fig. 2 is a transverse section on the line 2 2 of Fig. 1. Fig. 3 is an enlarged perspective view of the foot portion of the device detached.

The improved device comprises a frame-like structure (represented as a whole at 10) and formed with parallel sides and with an elongated aperture 11, extending there-through from front to rear, and with laterally-extending flanges 12 13 at one side and laterally-extending flanges 14 15 at the other side. The flanges 12 13 are pierced at intervals by threaded apertures 16, and the flanges 14 15 are similarly pierced at intervals by threaded apertures 18. The elongated aperture 11 is designed to receive the clamp-

bolt 20, whereby the moldboard, hoe, or similar member 21 is secured, the clamp-bolt being also utilized to support a coverer member 22 when one is employed or other member of a similar kind. The threaded apertures in the flanges are to receive set-screws, as at 23 24 25 26, for bearing against the rear face of the member 21 and the forward face of the member 22, and thus adjust them to any required extent within the range of the set-screws. By this simple arrangement it is obvious the moldboard and coverers or other blades or implements employed may be firmly clamped to the foot member and readily adjusted thereon to any required extent and without displacing or detaching any of the parts. It will also be obvious that by providing a plurality of the threaded apertures and an elongated slot for the binding-bolt the device is adapted for any size or form of moldboard or other like member employed in connection with the various makes of agricultural implements of the class herein referred to and without structural change of any kind.

The frame 10 is provided with a lug 27, extending from the upper end and leaving two transverse recesses 28 29 in the outer end. The member 10 is also provided with a transverse aperture 30 to receive the binding-bolt 31, by which the standard 32 of the plow, cultivator, or other supporting implement is connected and by which means the foot member is also connected to the standard. The standard is also provided with a transverse bolt 33 for consecutively engaging one of the recesses 28 29 as required to provide for adjusting the foot member relative to the standard. By this simple means the foot member is firmly clamped to the standard, while at the same time adjustable relative thereto within the range of the recesses 28 29.

The foot member will preferably be in one single piece and of cast-steel, malleable iron, or the like, but may be in several pieces suitably united, if found necessary.

The improved device is simple in construction, can be inexpensively manufactured, and is readily adaptable by making slight and immaterial modifications to all the various forms of plows, cultivators, and the like requiring such an attachment.

Having thus described my invention and in what manner the same is to be performed, what I claim as new, and desire to secure by Letters Patent, is—

1. A plow-foot having lateral flanges at the

front and rear sides and with transversely-disposed threaded apertures through the flanges, a furrow-opener movably connected to the forward side of said foot member and a
5 coverer member connected movably to the rear side of said foot member, set-screws operating in the threaded apertures of the forward flanges and bearing against said furrow-opener, set-screws operating through the
10 threaded apertures of said rear flanges and bearing against said coverer member.

2. A plow-foot having a longitudinal aperture extending from front to rear and with lateral flanges at the front and rear provided
15 with transverse threaded apertures therethrough, a furrow-opener and a coverer member disposed respectively at opposite sides of said foot member, a clamp-bolt connecting said furrow-opener and coverer member and extending through said longitudinal
20 aperture, set-screws operating in one set of said threaded apertures for bearing against said furrow-opener, and set-screws operating through the other set of said threaded apertures and bearing against said coverer member.
25

3. A plow-standard, a foot member having lateral flanges at the front and rear with transversely-disposed threaded apertures
30 therethrough, means for connecting said foot member to swing upon said standard, means for coupling said foot member adjustably to said standard, a furrow-opener and a coverer member movably connected respectively to

the opposite faces of said foot member, and set-screws operating through said threaded apertures for bearing respectively upon said furrow-opener and coverer member. 35

4. A plow-standard, a foot member having lateral flanges at the front and rear and with
40 transversely-disposed threaded apertures therethrough and pivoted to swing from said standard, said foot member having spaced transverse recesses at its upper end, a stop-bolt carried by said standard for alternate
45 engagement with said recesses whereby the foot member is connected adjustably to said standard, a furrow-opener and a coverer member movably connected respectively to the opposite faces of said foot member, and
50 set-screws operating through said threaded apertures for bearing, respectively upon said furrow-opener and coverer member.

5. A plow-standard, a foot member pivoted to swing from said standard and provided with spaced transverse recesses, a stop-bolt carried by said standard for alternate
55 engagement with said recesses, a furrow-opener and a coverer member connected to the opposite faces of said foot member. 60

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

SAMUEL HOUSTON CLARK.

Witnesses:

HENRY CLARK,
W. J. BRIGHAM.