

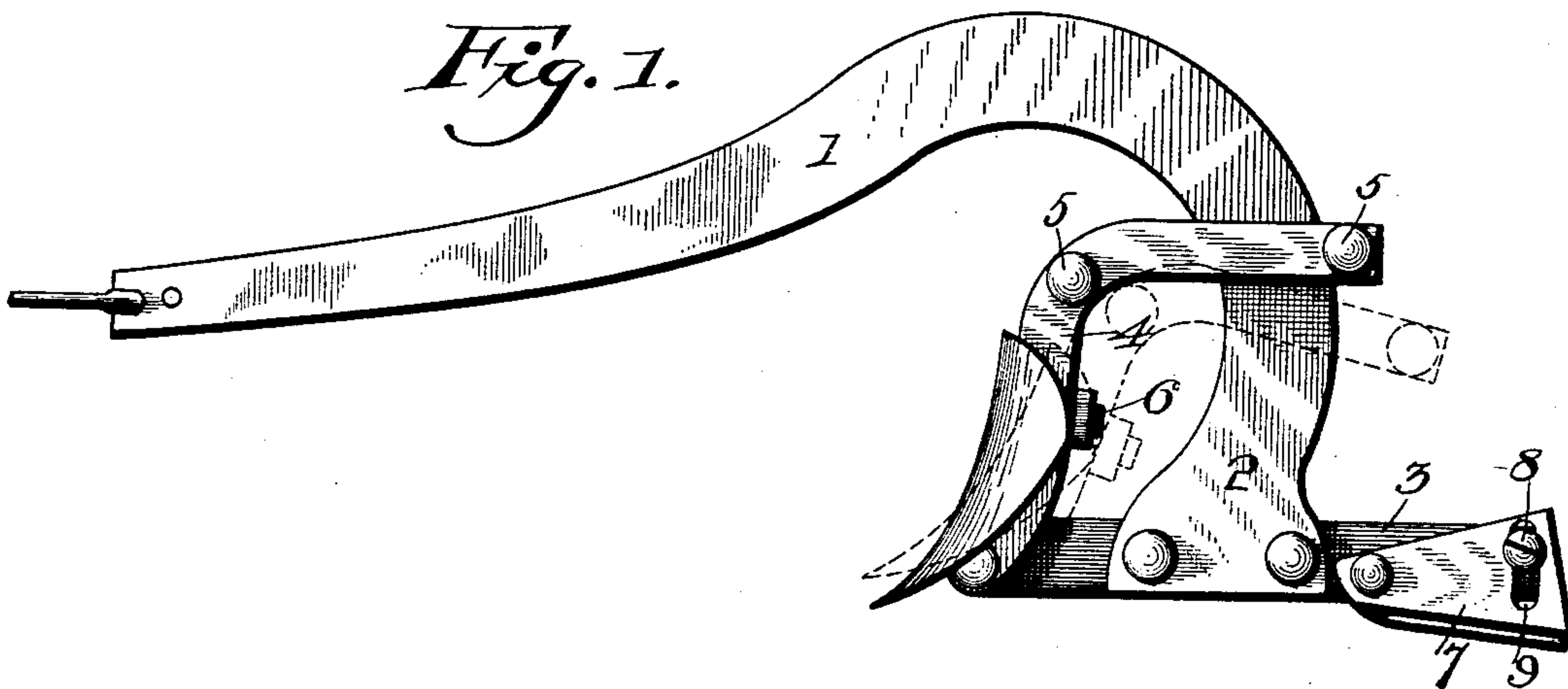
(No Model.)

L. B. WELLS.  
PLOW.

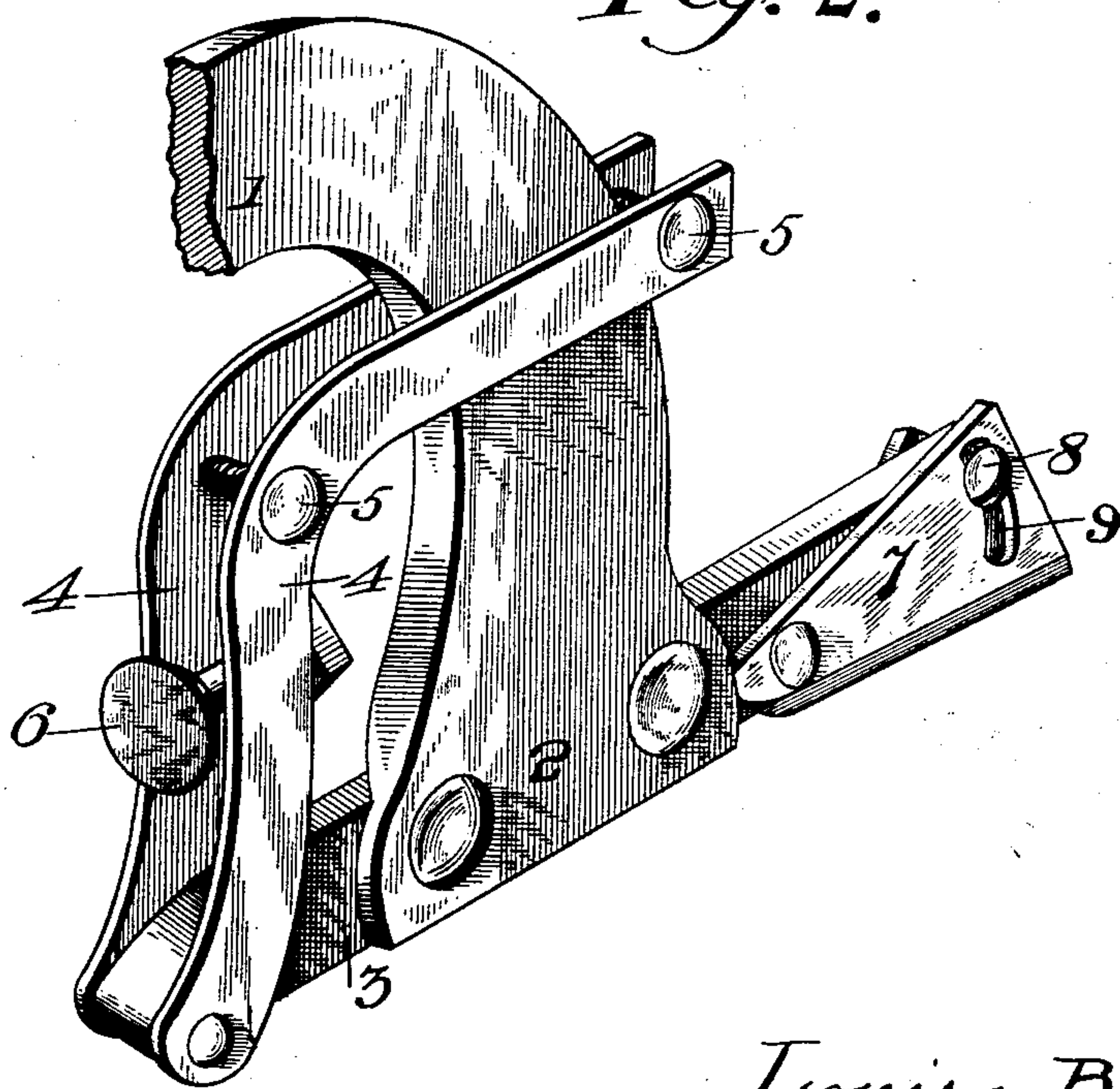
No. 593,502.

Patented Nov. 9, 1897.

*Fig. 1.*



*Fig. 2.*



Witnesses

*A. R. Appleman*  
*V. B. Hillyard.*

By *his* Attorneys,

Inventor

*Louis B. Wells.*

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# UNITED STATES PATENT OFFICE.

LOUIS B. WELLS, OF GRANGER, TEXAS, ASSIGNOR OF ONE-HALF TO W. M. HILL, OF SAME PLACE.

## PLOW.

SPECIFICATION forming part of Letters Patent No. 593,502, dated November 9, 1897.

Application filed June 10, 1897. Serial No. 640,243. (No model.)

*To all whom it may concern:*

Be it known that I, LOUIS B. WELLS, a citizen of the United States, residing at Granger, in the county of Williamson and State of Texas, have invented a new and useful Plow, of which the following is a specification.

This invention provides means whereby a shovel, plow, sweep, or other soil-working device may be connected with the beam or standard of a sulky or walking plow, so as to admit of its pitch being easily and quickly altered to suit the condition of the soil and character of work in hand.

In carrying out the intent of the invention a traction or furrow bar is secured to the lower end of the plow stock or beam, and a standard of peculiar formation has pivotal connection with the front end of the said bar and adjustable connection at its upper rear end with the stock or beam, said standard receiving the sweep, plow, shovel, or soil-working device required for the particular work to be performed.

For a full understanding of the merits and advantages of the invention reference is to be had to the accompanying drawings and the following description.

The improvement is susceptible of various changes in the form, proportion, and the minor details of construction without departing from the principle or sacrificing any of the advantages thereof, and to a full disclosure of the invention an adaptation thereof is shown in the accompanying drawings, in which—

Figure 1 is a side elevation showing the invention applied and its operation by dotted lines. Fig. 2 is a detail perspective view on a larger scale, the front portion of the beam being broken away and the shovel or soil-working device omitted.

Corresponding and like parts are referred to in the following description and indicated in both views of the drawings by the same reference-characters.

The beam 1 is of usual formation, its rear portion being curved downwardly, forming a stock 2, to which the traction or furrow bar 3 is bolted or otherwise firmly attached, so as to project in the front and in the rear thereof.

The standard 4 has pivotal connection at its lower front end with the forward part of the bar 3, and its upper portion curves rearwardly, so as to cross the stock 2, the front portion being curved or depressed so as to provide a seat for the various forms of shovels, plows, sweeps, or soil-working devices. The upper and rearwardly-extending portion of the standard is constructed so as to embrace the sides of the stock, and the parts extending upon opposite sides of the stock are connected by bolts or fastenings 5, whereby they may be clamped against the opposite sides of the stock to hold the standard in the required position when turned upon its pivotal connection with the bar 3 to regulate the pitch of the plow or shovel. For the sake of simplicity of construction the standard is composed of similar parts or members disposed in parallel relation and receiving the stock and bar 3 between them. This construction also provides a space for the reception of the bolt 6, by means of which the plow or shovel is held in place. When it is required to change the pitch of the shovel or soil-working device, the fastenings 5 are loosened and the standard 4 turned upon its pivotal connection with the bar 3 until the shovel assumes the desired slant, when its position is fixed by retightening the bolts or fastenings 5, as will be readily understood.

The implement is caused to run steady when in operation by means of a blade 7, which has pivotal connection at its front end with the rear portion of the bar 3 and is adjustable vertically at its rear end, so as to be projected to a greater or less distance below the bar 3, said blade being held in the located position by a binding-screw 8 let into a threaded opening of the bar 3 and operating in a slot 9 of the blade 7, or the binding-screw may be a bolt, in which case it will pass loosely through an opening in the bar 3 and receive a nut on its projecting end in the ordinary manner.

Having thus described the invention, what is claimed as new is—

The combination with a plow-stock having a forwardly-projecting part at its lower end, of a standard composed of similar parts em-

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bracing the opposite sides of the stock and  
having pivotal connection at their lower ends  
with the forwardly-projecting part thereof,  
and having their upper ends deflected rear-  
5 wardly, fastenings for drawing the upper  
deflected ends of the parts comprising the  
standard together and clamping them in an  
adjusted position against the sides of the  
stock, and a fastening-bolt operating in the  
10 space formed between the lower portions of

the said parts for connecting a shovel or plow  
thereto, substantially as specified.

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

LOUIS B. WELLS.

Witnesses:

J. W. WAYMAN,  
JNO. B. WALKER.