No. 685,995. Patented Nov. 5, 1901.

J. S. LINDSEY.

PLOW GUIDE AND GAGE.

(Application filed Mar. 6, 1901.)

(No Model.)

Fig. 1.

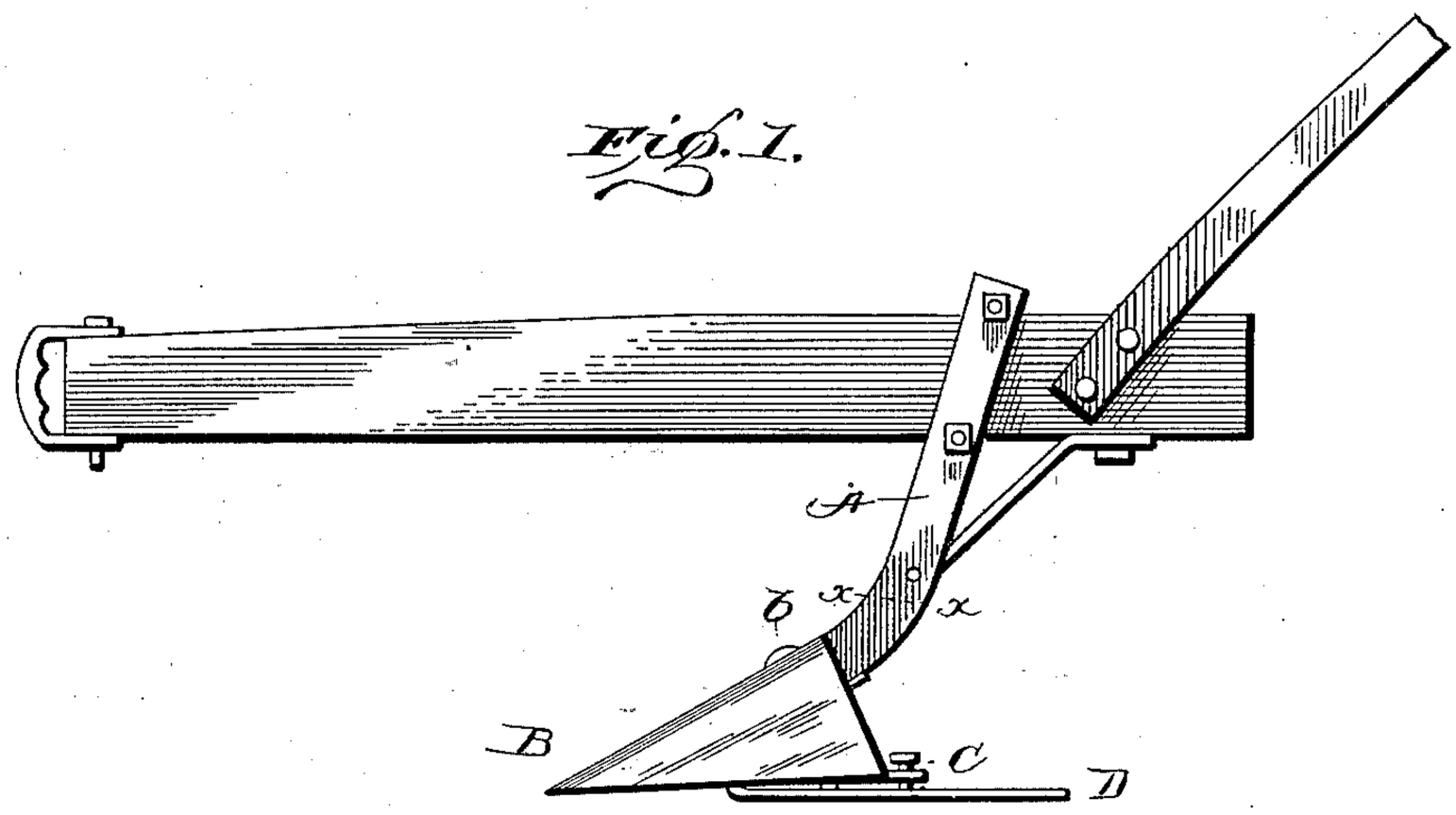


Fig. 2.

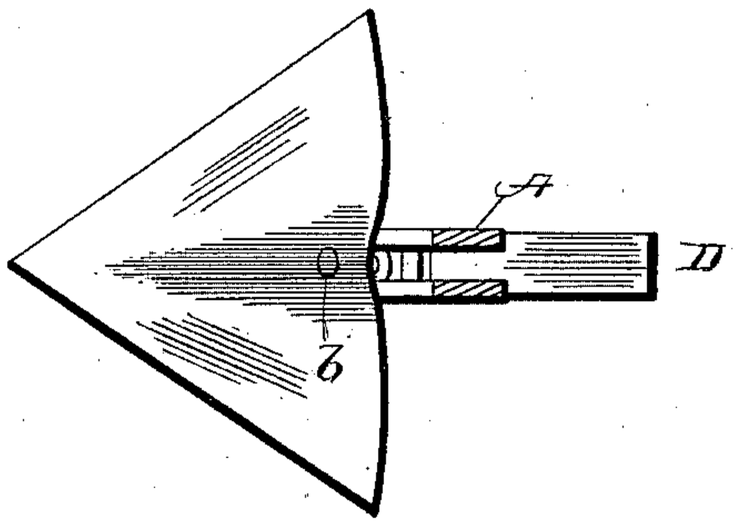


Fig. 3.

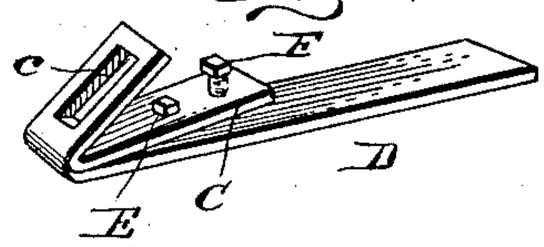
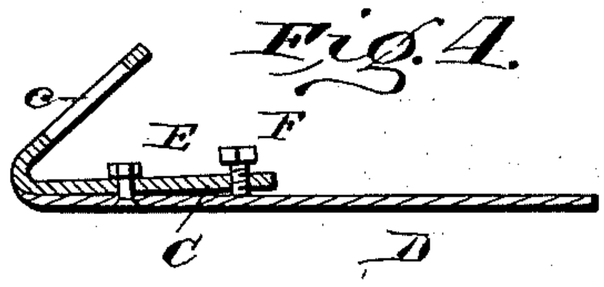


Fig. 4.



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UNITED STATES PATENT OFFICE.

JOHN SAMIEL LINDSEY, OF MAYSFIELD, TEXAS.

PLOW GUIDE AND GAGE.

SPECIFICATION forming part of Letters Patent No. 685,995, dated November 5, 1901.

Application filed March 6, 1901. Serial No. 50,031. (No model.)

To all whom it may concern:

Be it known that I, JOHN SAMIEL LINDSEY, a citizen of the United States, residing at Maysfield, State of Texas, have invented certain new and useful Improvements in Plow Guides and Gages; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to gages and guides for plows and cultivators.

The object of my invention is to provide an adjustable guide and gage adapted to be attached to divided standards of plows and cultivators.

It is also my object to provide adjustable means for attaching a shoe or slide to the guide and gage, whereby the relative pitch of the shoe and guide may be adjusted at different angles.

In the accompanying drawings, forming a part of this specification, Figure 1 is a side elevation. Fig. 2 is a section taken on a line *x x* of Fig. 1. Fig. 3 is a detailed perspective of the plow gage and guide detached, and Fig. 4 is a longitudinal vertical section of the same.

Referring more particularly to the drawings, A denotes the divided standard; B, the plow-point attached thereto by a heel-bolt *b*, which bolt also serves to clamp in position to the divided standard the plow gage and guide, as hereinafter mentioned.

C denotes the plow-gage, which consists of a piece of flat metal of the same width as the divided standard bent at an acute angle, the upper portion of which is provided with a slot *c*, which registers in width with the space between the arms of the divided standard. Said gage is attached to the standard by means of the ordinary heel-bolt *b*, which passes through between the arms of the divided standard and through the slot *c* and is held in place by a nut which bears against the sides of the slot, as shown in Fig. 2. Thus it will be seen that I employ the ordinary means for securing the plow-point to the standard—namely, the heel-bolt—to serve also for securing the gage to the standard.

D denotes a slide or shoe which passes under the lower member of the gage, its forward end being slightly rockered and embraces the bent portion of the gage.

E denotes a screw-bolt which passes through the shoe, its head being countersunk in the lower face of the same. It passes thence upwardly through the lower member or arm of the gage and is provided with a nut for clamping the shoe to the gage.

F denotes a headed screw-bolt the shank of which passes through the lower arm of the gage in rear of the screw E, its lower end bearing against the upper face of the shoe. The purpose of this screw is to regulate the pitch of the shoe relative to the lower arm of the gage.

It will be seen that by my construction I provide a plow guide and gage having two adjustments, one of which is vertical relative to the standard—namely, by means of the slot *c* in the gage—and the other vertical relative to the pitch of the plow or cultivator point by means of the horizontal adjustment of the shoe. By these several adjustments my plow gage and guide is adapted to fit plow and cultivator stocks of various makes having divided standards regardless of the angle of pitch given the standard and plow-points.

Having shown and described my invention, what I claim, and desire to secure by Letters Patent, is—

In a plow guide and gage, the combination with the upper slotted portion of the gage and its lower horizontal member, of the shoe extending lengthwise of said lower member bolted thereto and bearing against an adjustable screw secured to said lower member rearward of said bolted connection.

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

JOHN SAMIEL LINDSEY.

Witnesses:

A. N. WEEMS,

L. M. W. ORILL.