

T. C. GARLINGTON.

Shovel-Plow.

No. 17,211.

Patented May 5, 1857

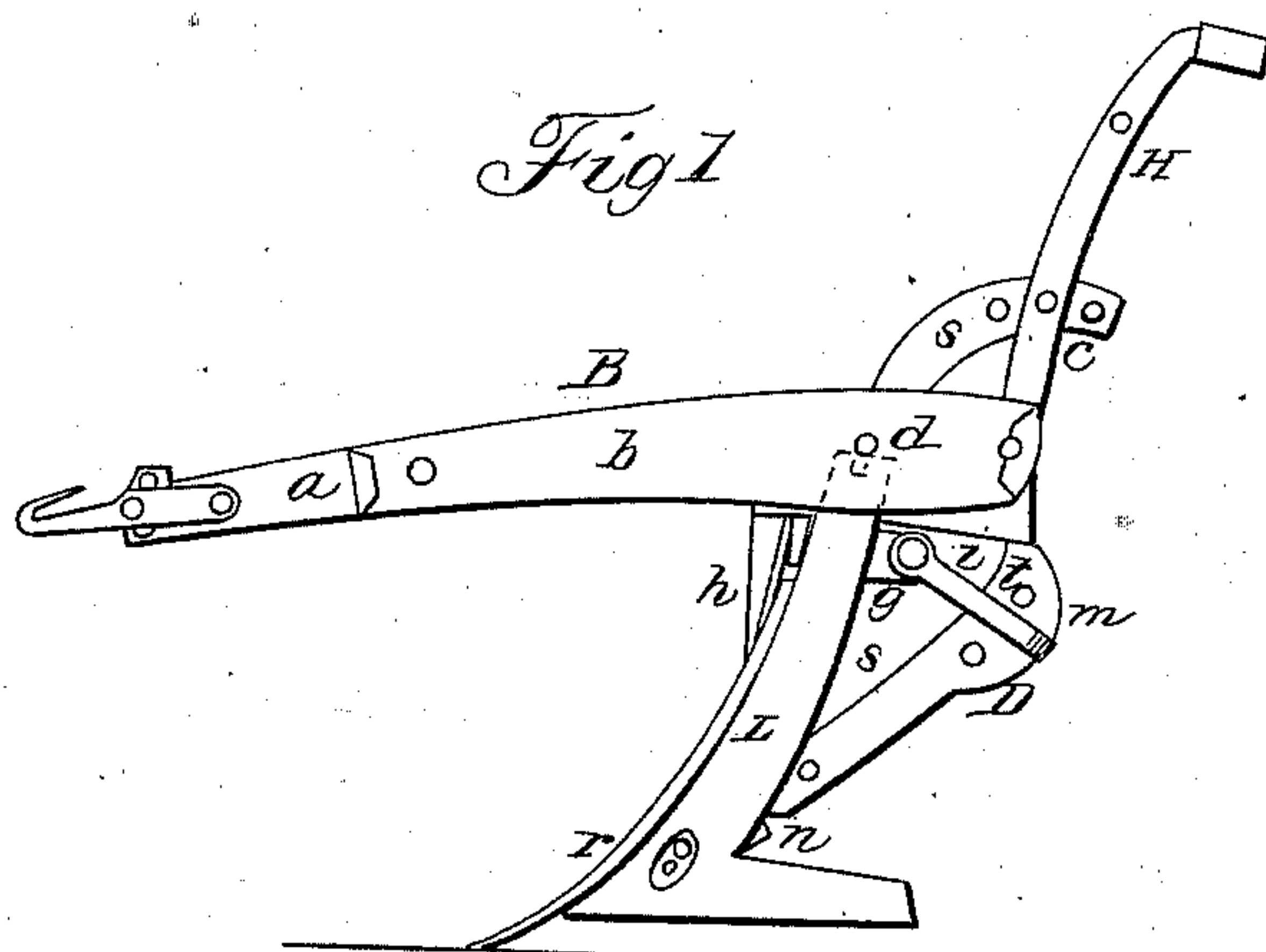


Fig. 2

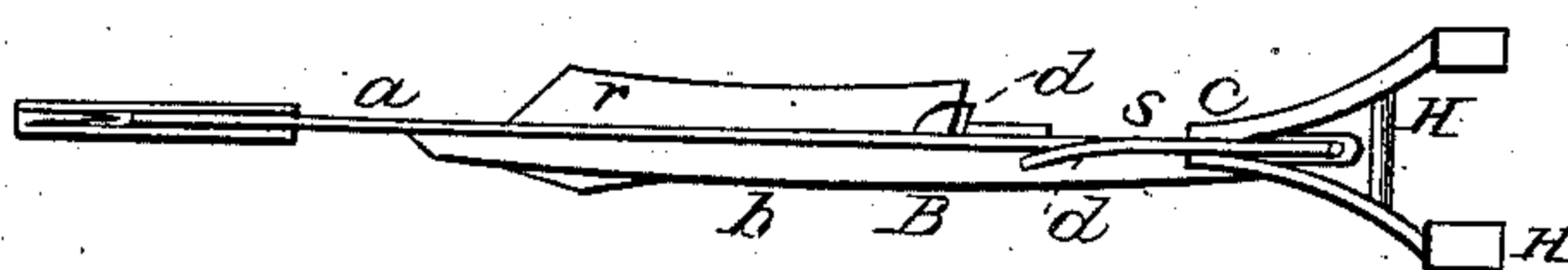
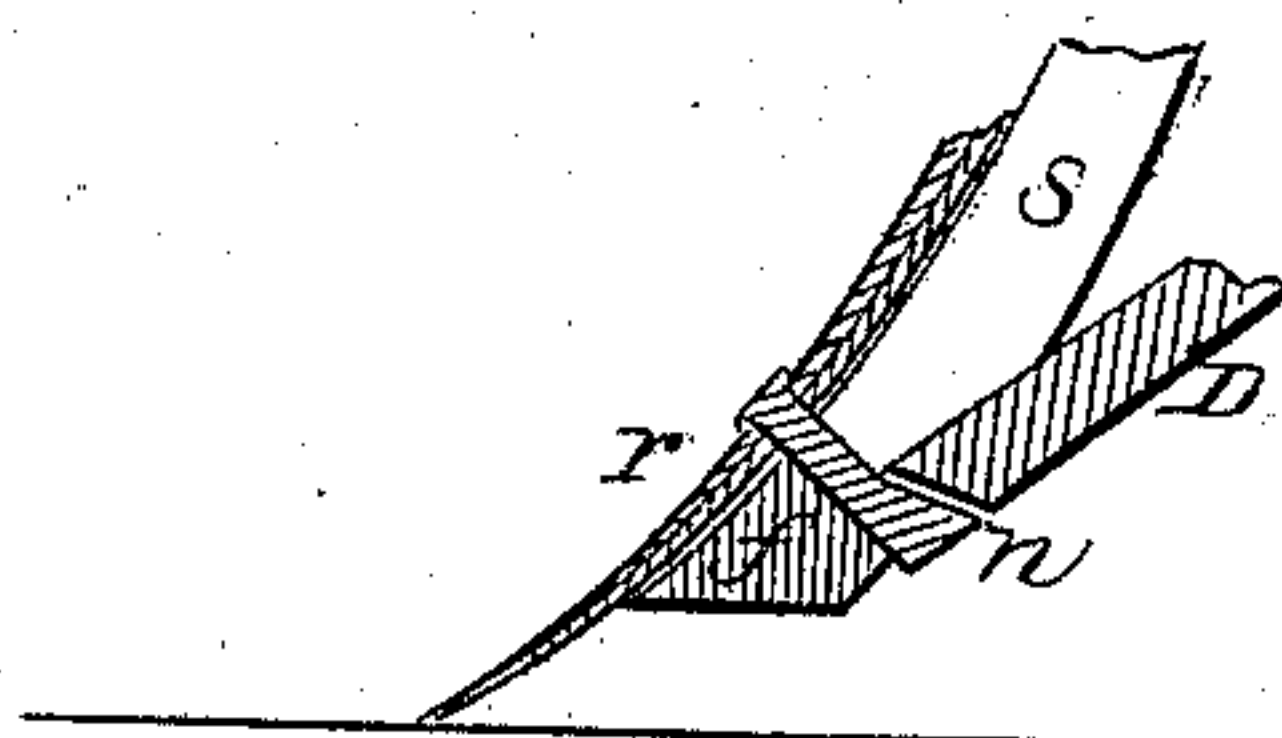


Fig. 3



UNITED STATES PATENT OFFICE.

THOS. C. GARLINGTON, OF LA FAYETTE, ALABAMA.

IMPROVEMENT IN PLOWS.

Specification forming part of Letters Patent No. 17,211, dated May 5, 1857.

To all whom it may concern:

Be it known that I, T. C. GARLINGTON, of La Fayette, in the county of Chambers and State of Alabama, have invented a new and useful Improvement in Plows; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, forming part of this specification, in which—

Figure 1 is a side view of the plow. Fig. 2 is a top view of the same. Fig. 3 is a section taken through foot of plow-stock, showing the securing of the mold-board.

Similar characters of reference in the several figures denote the same parts of the plow.

The nature of my invention consists in constructing the plow with a vertically adjustable landside, and in so bracing the beam and stock that the brace shall at the same time secure the mold-board to the stock.

In the drawings, B is the beam, made up of a thin plate, *a*, and a side brace, *b*.

S is the stock, secured to handles H at *c* and to the beam at *d*, the attachment to the handles being adjustable for graduation of depth of plowing.

L is the landside running up between the parts *a* and *b* of the stock, and by reason of the slot *e* capable of vertical adjustment.

The stock is made of two plates, connected at the foot by a solid piece, *f*, Fig. 3. Between the plates, at top, passes a slide piece, *g*, with

a head, *h*, at one extremity and a loop or strap, *i*, swinging from the other. This strap passes over the swelling portion *m* of a brace, D, extending from the under edge of the beam B to the upper inclined surface of the key *n*, resting on solid piece *f*, Fig. 3. This key *n* passes through the lower portion of the mold-board *r*, while the upper portion is pressed upon by the head *h* of the slide-piece *g*, and as the swelling portion *m* of brace D is eccentric with respect to the attachment of strap *i* to the slide-piece downward pressure on the strap *i* draws the mold-board close upon the stock of the plow. This tightening of the strap *i* also serves to give a substantial brace between the beam and the foot of the stock. A small projection on the front edge of the stock will enter the mold-board and prevent lateral motion. Holes *t* in the brace serve for the insertion of pins to prevent the slipping up of the strap *i*.

I claim—

The combination of headed slide *g*, strap *i*, brace D, and key *n*, constructed, arranged, and operating as described, for performing the double function of bracing the beam and stock and securing the mold-board to the stock.

In testimony whereof I have hereunto signed my name before two subscribing witnesses.

THOS. C. GARLINGTON.

Witnesses:

THOS. SHANNON,
E. H. KENDALL.