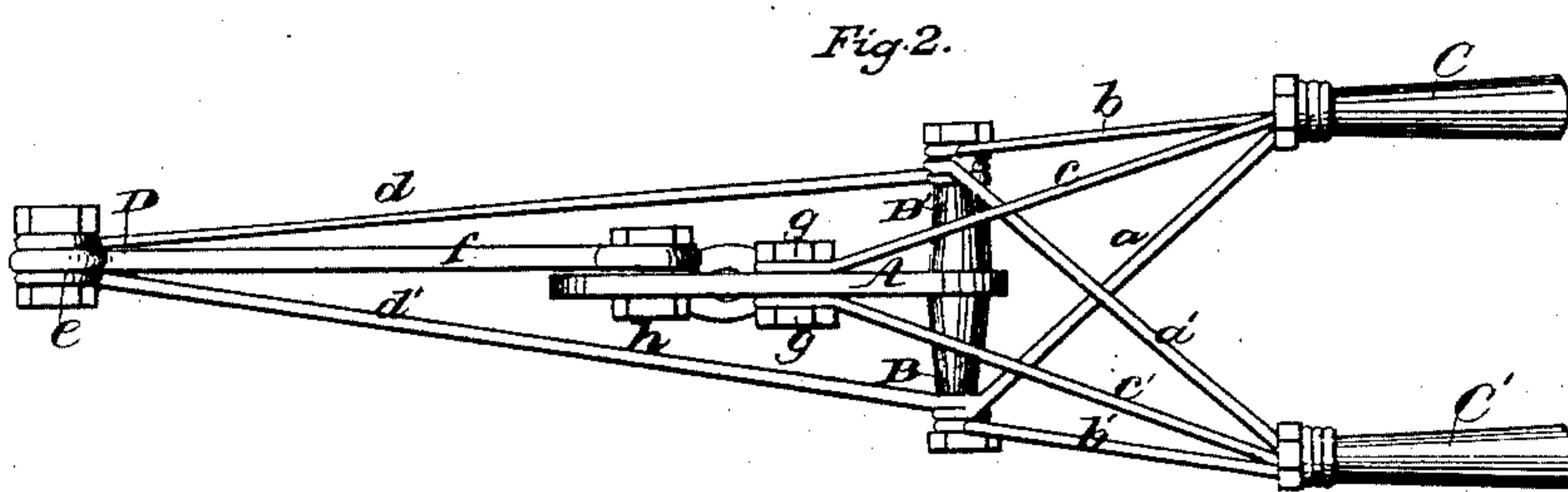
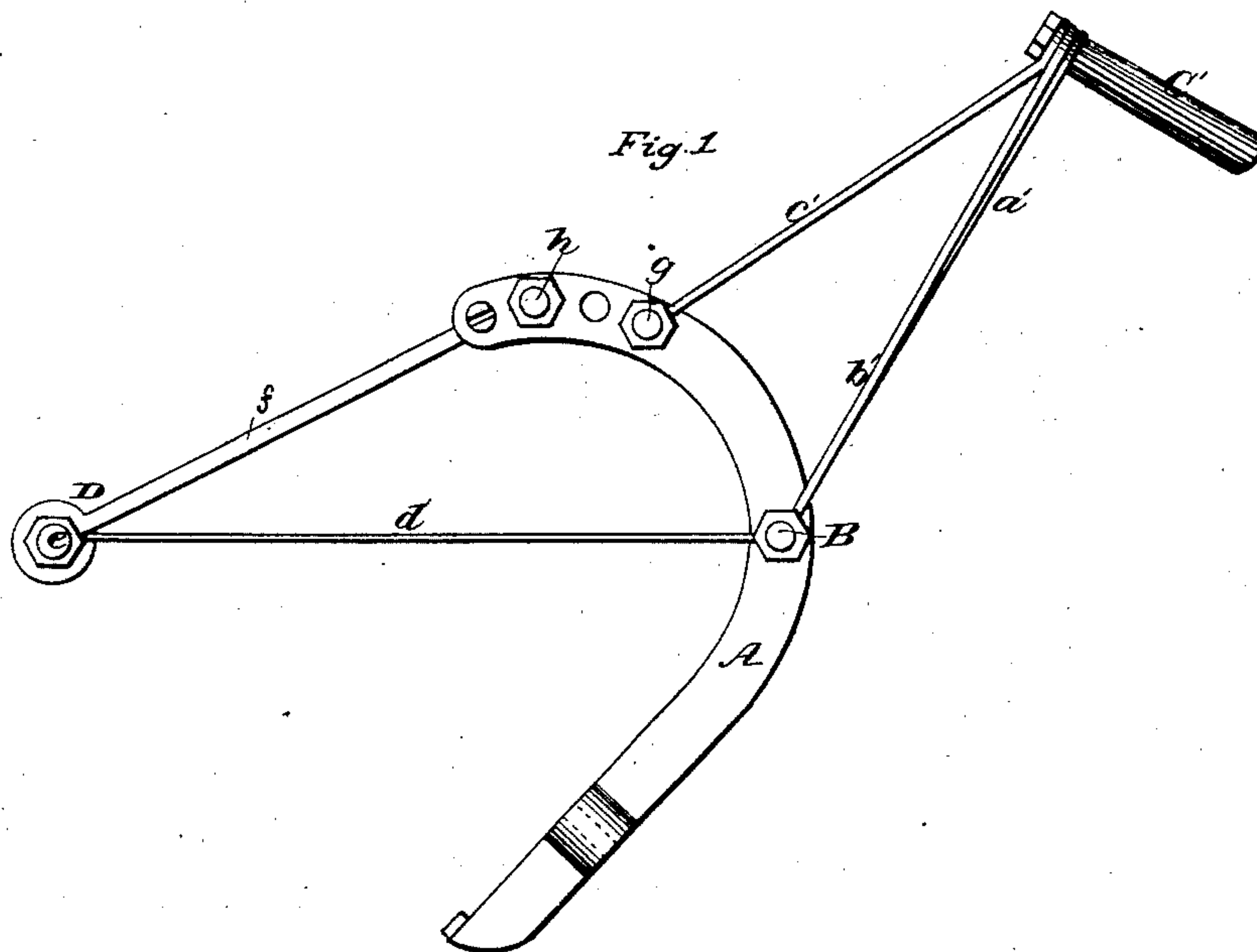


RHODES & SKAGGS.

Shovel Plow.

No. 28,408.

Patented May 22, 1860.



Witnesses

J. W. Coombs.
R. S. Spruce.

Inventors.

M. S. Rhodes
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Attorneys

UNITED STATES PATENT OFFICE.

M. G. RHODES AND J. M. SKAGGS, OF TALLADEGA, ALABAMA.

IMPROVEMENT IN PLOWS.

Specification forming part of Letters Patent No. 28,408, dated May 22, 1860.

To all whom it may concern:

Be it known that we, M. G. RHODES and J. M. SKAGGS, both of Talladega, in the county of Talladega and State of Alabama, have invented a new and useful Improvement in Plows; and we do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming a part of this specification, in which—

Figure 1 represents a side elevation of our invention. Fig. 2 is a plan or top view of the same.

Similar letters of reference in both views indicate corresponding parts.

This invention consists in a peculiar construction of the plow-stock, making the same entirely of iron rods fastened together by means of screws in such a manner that both the beam and the handles can be adjusted, and that a light and strong stock is produced.

To enable those skilled in the art to make and use our invention, we will proceed to describe the same with reference to the drawings.

A represents the standard of the plow, to which the share or tooth is secured by means of a screw passing through a suitable hole in its lower extremity. This standard is curved, as clearly shown in Fig. 1, and arms B B' extend from the same on either side, being secured to it at about the middle of its length and a little above the point where it begins to curve. These arms serve to retain the rods *a a'* *b b'*, which form the handles C C'. The rods *b b'* extend from the handles to that one of the arms B B' which is situated on the same side with said handles, and the arms *a a'* extend to the arms on the opposite side of the handles, forming braces which impart the required strength to the handles against a side strain.

Rods *c c'* extending from the handles C C' are secured to the standard by means of a screw and nut, *g*, and by changing the position

of this screw nearer to or farther from the handles the latter are depressed or raised so that they can be adjusted according to the height and convenience of the plowman. At the same time additional strength is imparted to the handles by means of the rods *c c'*, so that the same combine great lightness and strength.

The beam D is constructed out of the rods *d d'*, which are fastened to the opposite ends of the arms B B', as clearly shown in Fig. 2. The outer ends of these rods are fastened together by means of a screw-bolt, *e*, which at the same time serves to retain the clevis. The height of this bolt over the ground is adjusted by a rod, *f*, which extends from the same to the top end of the standard A, being fastened to the same by means of a screw-bolt, *h*. Different holes in the end of the standard allow the changing of the position of this bolt, so that a greater or less inclination can be given to the beam, as may be deemed most convenient.

The lightness of this plow-stock is unsurpassed, and at the same time the rods constituting the beam and the handles are so arranged that the same defies in strength the strongest plow-stock produced out of much heavier material than ours. At the same time, by having the handles as well as the beam adjustable, our plow-stock is rendered very convenient in every respect, and it will prove to be of great advantage to every farmer.

What we claim as new, and desire to secure by Letters Patent, is—

The combination of the standard A, rods *a b c a' b' c'* and *d d' f*, substantially as described, for the purpose of producing a new and improved plow-stock.

M. G. RHODES.
J. M. SKAGGS.

Witnesses:

JAS. LAWSON,
WM. H. THORNTON.