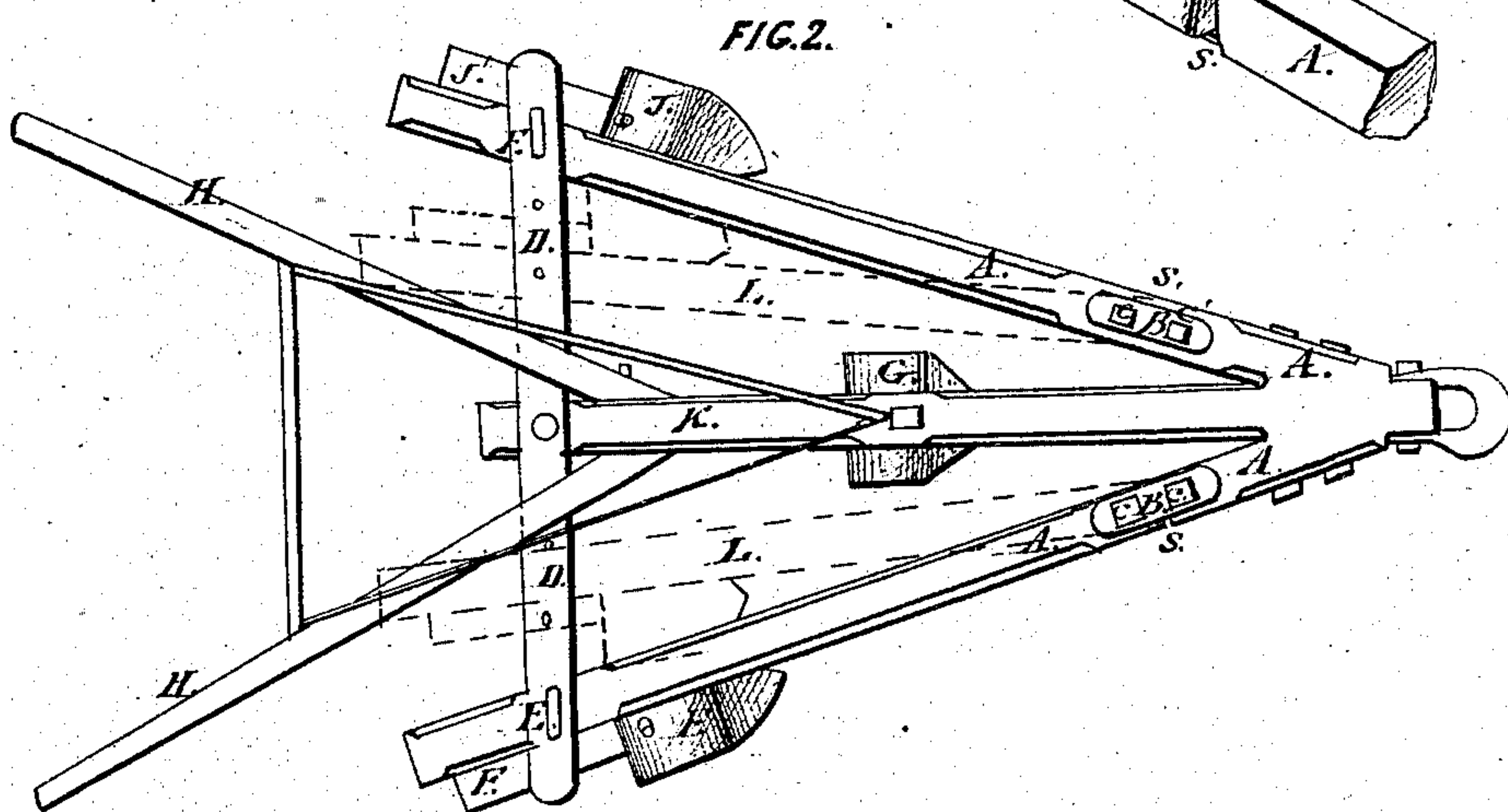
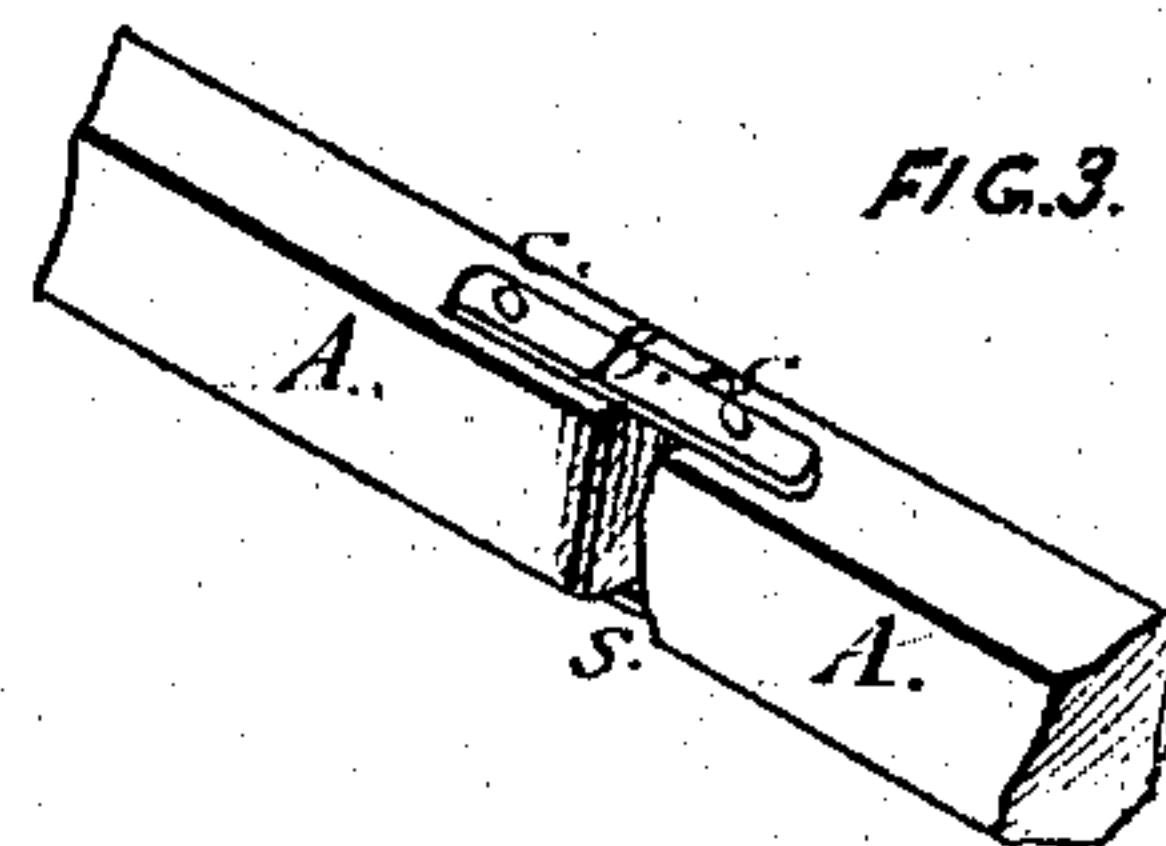
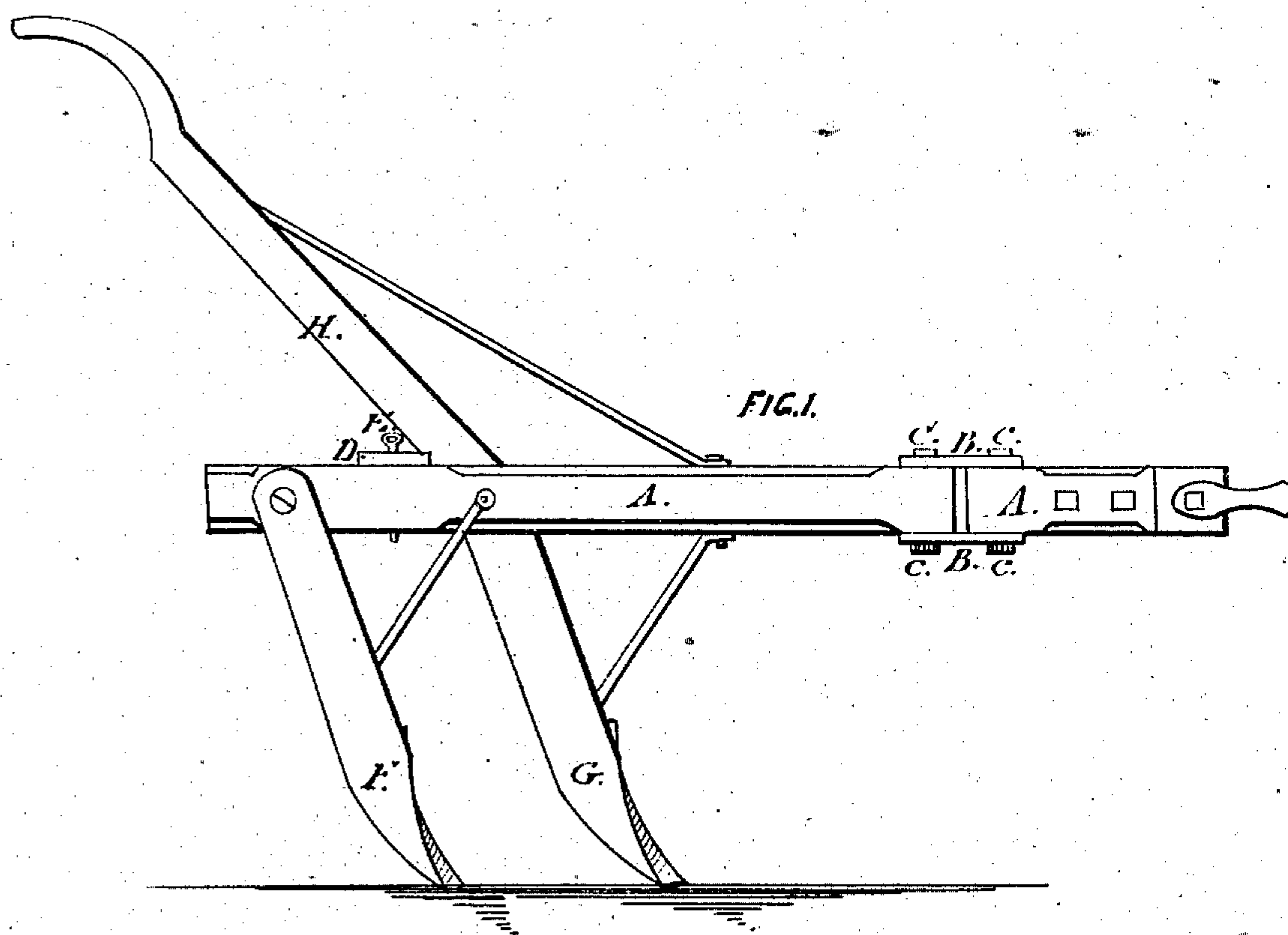


A. Canfield.

Cultivator

N^o 67,844.

Patented Aug. 20, 1867.



WITNESSES:

J. G. Petton
Geo. W. McLeod

INVENTOR:

Andrew Canfield

United States Patent Office.

ANDREW CANFIELD, OF LYONS, IOWA.

Letters Patent No. 67,844, dated August 20, 1867.

IMPROVEMENT IN CORN-PLOUGHS.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, A. CANFIELD, of Lyons, Clinton county, and State of Iowa, have invented a new and useful Improvement in One-Horse Corn-Ploughs; 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 accompanying drawings, and the letters of reference marked thereon.

The nature of my invention consists in so constructing and arranging a one-horse corn-plough, where the frame is of wood, that its width may be increased or diminished at will; also that it may cast the earth either to or from the corn.

To enable others skilled in the art to construct and operate my plough, I will carefully describe its construction and operation.

A A represent the adjustable beams; B represents the clevis to join beams; C C represent the bolts in clevis; D D represents the regulating bar; E E represent the pins in bar D D; F, G, and J, the shovels; H H, the handles; K, the stationary beam; L, the position of the beams A A, when the plough is made narrower; S shows the joint in beams A A. I construct beams A A and K, arms H H, shovels F, G, and J, with their attachments in the ordinary manner, claiming no patent therefor. In the beams A A I have a joint shown at S, Figures 1, 2, and 3, to allow the regulating the width of the plough. I connect the two parts of the beam by means of a two-bolted clevis, as shown at B, fig. 2. The clevis allows the opening and closing of the beams A A. I construct a regulating or stay-bar, D D, of wood or any suitable material, fastening it firmly to the centre beam K. To this centre beam I attach the handles, as shown in fig. 3.

Now, the operation of this plough is as follows: If we desire to increase or lessen the width, remove the pins E E, bring the beams A A to the required width, place the pin through holes made to correspond in bar D and beams A A, and it is firmly confined and quickly done. If we wish to cast the earth to or from the corn, remove the shovel stocks F I and J I by taking them off the beams A A, and change them to either side, as desired. If we wish a two-shovel plough, remove one of the beams A by uncoupling the clevis B and removing the pin E; if a single plough, remove both the arms A A, leaving only the single beam K, and we have a single plough.

Thus we have in this arrangement the convenience of three machines in one; it making a single, double, or three-shovel corn-plough.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. The double-bolted clevis B for the purpose described.
2. The adjustable stay-bar D for the purpose above described.
3. The combination and arrangement of a one-horse corn-plough that may be readily changed to any required width, also changed to any number of shovels, from one to three, making a single, double, or three-shovel plough.

ANDREW CANFIELD.

Witnesses:

JNO. W. McLEOD,
T. G. PELTON.