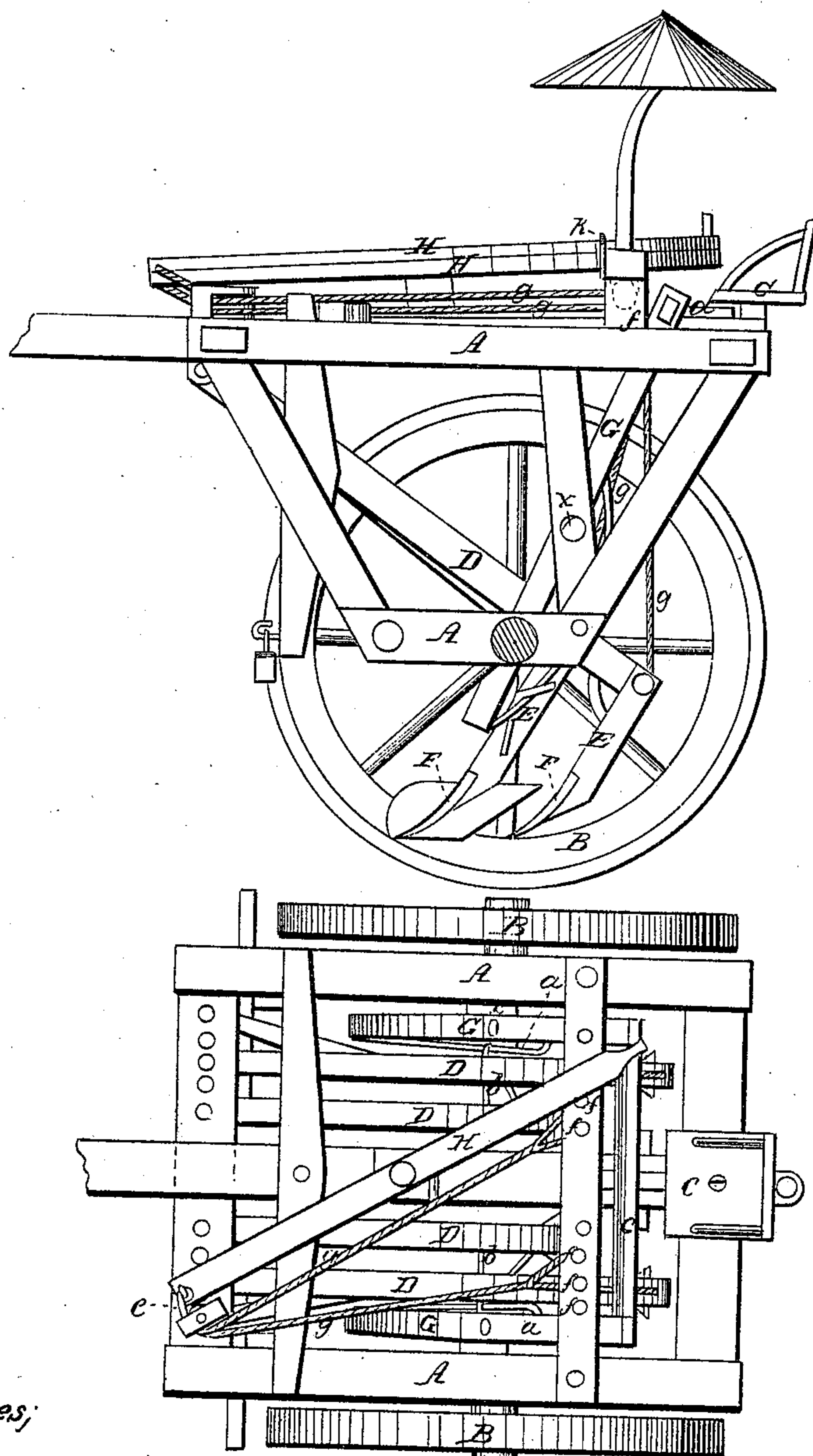


G. C. AVERY.

Gang-Plow.

No 68,277.

Patented Aug. 27, 1867.



Witnesses;
Ans A Ellis
F Schumacher

Inventor;
G C Avery
Per
J H Alexander
att'y

United States Patent Office.

G. C. AVERY, OF CONN'S CREEK, INDIANA.

Letters Patent No. 68,277, dated August 27, 1867.

IMPROVEMENT IN GANG-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, G. C. AVERY, of Conn's Creek, county of Shelby, and State of Indiana, have invented certain new and useful Improvements in Ploughs; and I do hereby declare that the following is a full and exact description of the same, reference being had to the annexed drawings, and to the letters of reference marked thereon, in which—

Figure 1 is a side elevation, and

Figure 2 a plan view.

The nature of my invention consists in the combination and arrangement of such devices as will be hereinafter fully set forth.

A represents the body or framework of my machine, which is provided with wheels B B and seat C. D D are levers hinged to the under side of the front cross-piece of frame A. To these levers are attached beams E E, to which the ploughs F F are secured. G G represent two vertical bars, hinged to frame A, as shown at letter X in fig. 2. Said bars are provided with a loop, *a a*. Two of the centre beams E E have staples *b b* driven in them, which slide in the loops *a a*, as shown in fig. 2. *c* represents a cross-piece, connecting the vertical bars G G together. *a* is the handle, by means of which the driver controls the action of the two centre ploughs. H H represent two levers, pivoted at the centre of the machine, as indicated in fig. 1. *g g* are cords, which are secured at or near the end of said lever. These cords pass around pulley *e*, over pulleys *f f f f*, and down to the levers D D, to which they are attached. *k* represents a serrated plate, by means of which the lever H is retained in position when the ploughs are elevated.

The operation of my machine is as follows: The driver being seated, and the machine put in motion, the ploughs are either elevated or lowered, as the circumstances of the occasion may require. It will be observed that the peculiar arrangement of my invention is such that obstructions, such as stumps or stones, may be readily avoided, simply by moving the lever H.

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

The hinged levers D D, vertical bars G G, loops *a a*, cords *g g*, and lever H, the whole combined and operated substantially as and for the purpose herein set forth and described.

In testimony that I claim the foregoing as my own, I hereby affix my signature in the presence of two witnesses.

G. C. AVERY..

Witnesses:

FREDERICK W. AVERY,
GEORGE WRIGHT.