

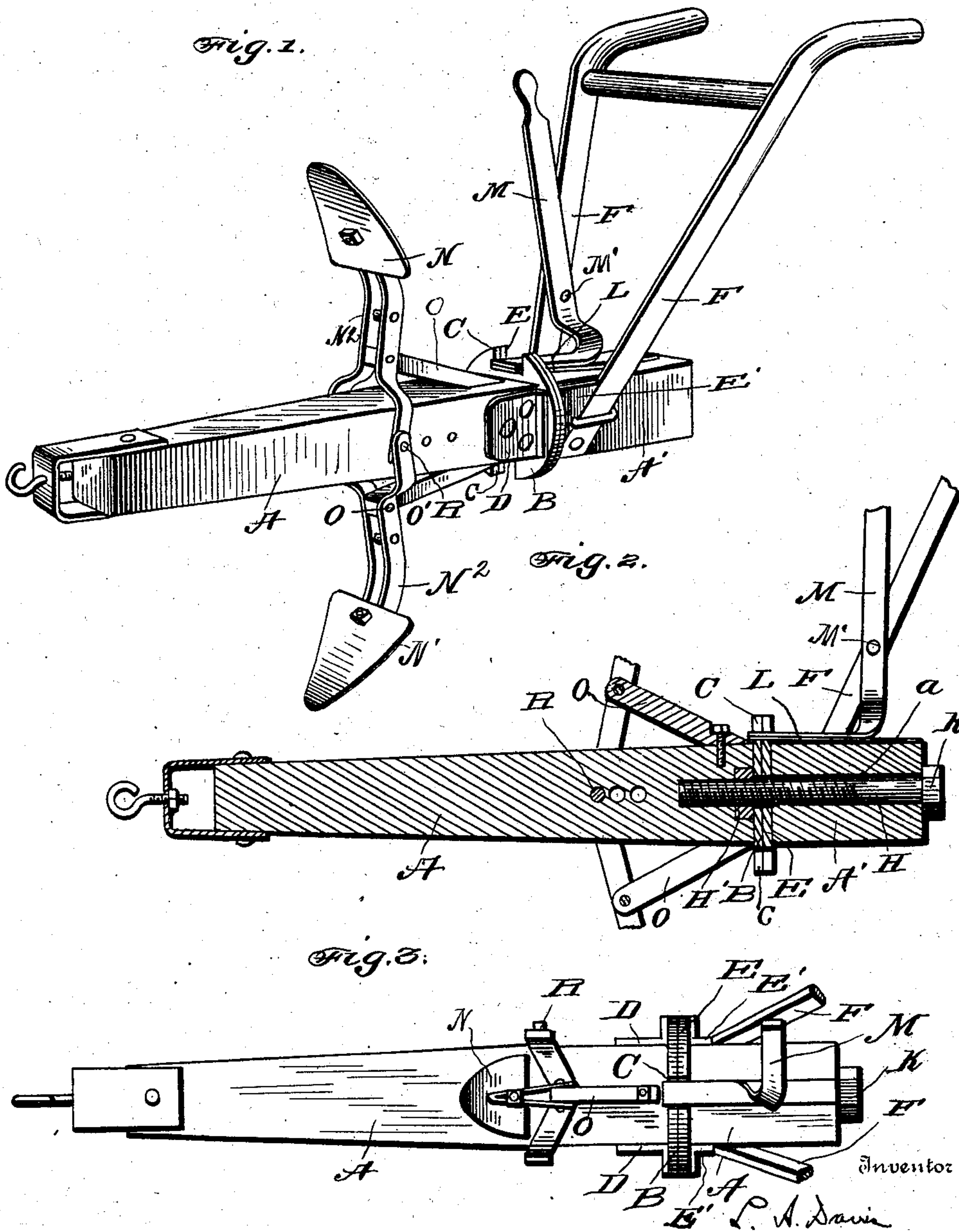
No. 721,545.

PATENTED FEB. 24, 1903.

L. A. DAVIS.  
SIDEHILL PLOW.

APPLICATION FILED SEPT. 16, 1902.

NO MODEL.



Witnesses

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# UNITED STATES PATENT OFFICE.

LEONADUS ALEXANDER DAVIS, OF SLOANS, GEORGIA.

## SIDEHILL-PLOW.

SPECIFICATION forming part of Letters Patent No. 721,545, dated February 24, 1903.

Application filed September 16, 1902. Serial No. 123,638. (No model.)

*To all whom it may concern:*

Be it known that I, LEONADUS ALEXANDER DAVIS, a citizen of the United States, residing at Sloans, in the county of Hall and State of Georgia, have invented certain new and useful Improvements in Sidehill-Plows; and I do 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, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

This invention relates to new and useful improvements in sidehill-plows; and it consists in means whereby the beam to which the plows are attached may be partially rotated in order to give the scraper or plow any desired pitch, and means being provided for holding the same in an adjusted position.

The invention relates, further, to various details of construction and combinations of parts, which will be hereinafter fully described and then specifically defined in the appended claim.

My invention is illustrated in the accompanying drawings, which, with the letters of reference marked thereon, form a part of this application, and in which drawings—

Figure 1 is a perspective view of my improved sidehill-plow. Fig. 2 is a longitudinal sectional view through the beam, showing the swivel connection between the two parts of the beam; and Fig. 3 is a top plan view.

Reference now being had to the details of the drawings by letter, A and A' designate the two sections of the plow-beam, and to one end of the section A is fastened a metallic plate B, which is centrally apertured to register with a hole in the end of the section to which it is attached, and said plate is provided with diametrically opposite notches C, for a purpose which will hereinafter appear. Projecting at right angles from one face of said plate B are flanges or braces D, which may be either cast integral with the plate or secured thereto by any suitable means. These flanges are adapted to be fastened to the beam by means of bolts or other suitable means. To one end of the section A' is fastened a metallic disk or plate E, which is centrally apertured and is fastened to the section A'

by means of the angle-braces E', which may be integral with or fastened to the plate E, and F designates handles which are bolted or otherwise secured in a substantial manner to the beam. Said section A' has a longitudinal and centrally-disposed aperture a, which is in registration with the aperture in the plate E, fastened to the end of said section, and passing through said apertures in the section A' and plates B and E is a bolt or swivel-pin H, which has a nut H' on its inner threaded end, which nut coöperates with the nut K on the opposite end of the bolt or pin to hold the sections of the beam in swiveled relation to each other.

Pivoted to one of the handles F at M' is a lever M, which is bent, as shown, below its pivotal portion, and brazed or otherwise fastened to a flexible bar L, which latter rests upon the upper face of section A'. The ends of said lever and bar which are fastened together are designed to engage registering recesses or notches in the plates B and E to hold the plow-carrying section A from rotation. When it is desired to rotate the section A, the operator throws the handle end of the lever N rearward, and the forward ends of the lever and bar L will rise out of said recesses in the plates B and E, and in so doing bar L will have a sliding movement on the upper face of the section A.

The plows are designated in the drawings by letters N and N' and are pivoted together at R by means of a pin carried by the beam. Suitable braces O are provided, which are fastened at their rear ends to the beam at inclinations thereto, while their forward ends carry bolts R, on which the shank portions of the plows are pivoted, whereby the same may be held in adjusted positions.

From the foregoing it will be observed that by the provision of my improved plows connected in the manner described the same may be held at different pitches to adapt the apparatus to cut at different depths, and by the operator simply pulling back on the end of the handle connected to the flexible bar the rotatable part of the beam may be easily and quickly turned in order to adapt the implement for use in plowing back and forth upon a sidehill. When the notches in the two plates are brought into registration, said



flexible bar will be thrown into the same and will lock the two sections of the post from rotation.

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

10 A sidehill-plow comprising two beam-sections swiveled together, apertured plates secured to the contiguous ends of said sections and having recesses at locations diametrically opposite each other, the plows carried by one section, the handles fastened to the other, an operating-lever pivoted to one

of said handles and having its lower portion bent upon itself, and held yieldingly against 15 the upper face of the rear beam-section and adapted to engage registering recesses in said plates and adapted to normally hold said plates from rotation, as set forth.

In testimony whereof I affix my signature 20 in presence of two witnesses.

LEONADUS ALEXANDER DAVIS.

Witnesses:

J. W. BURNSIDE,

J. A. BELL, Jr.