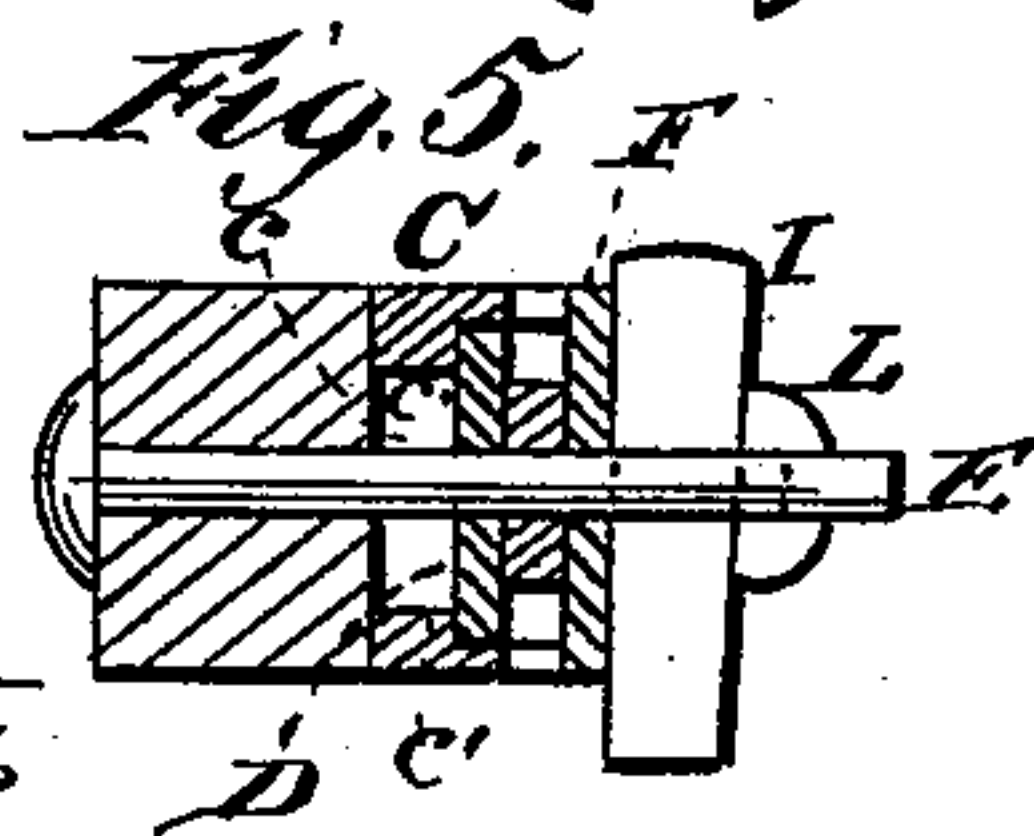
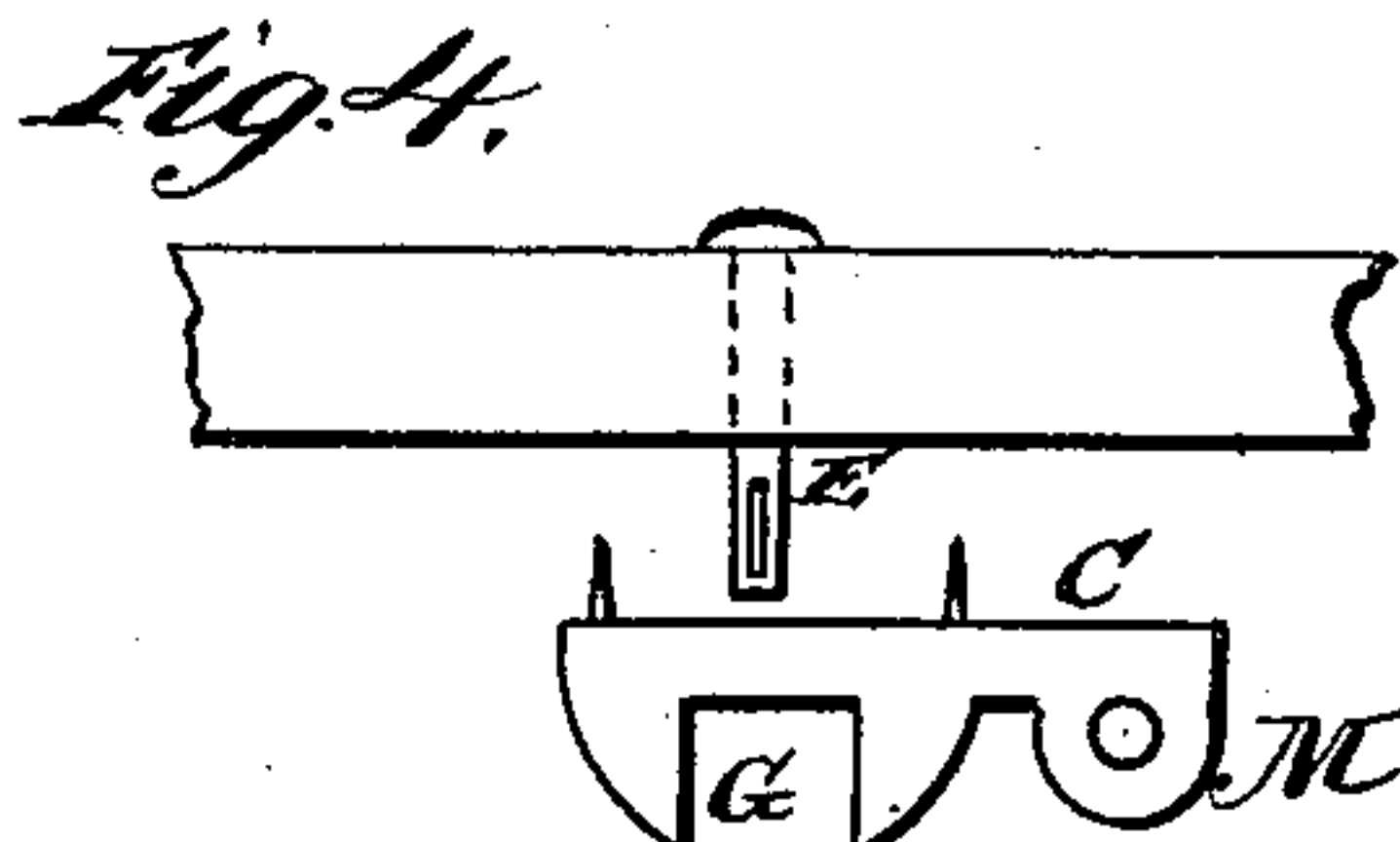
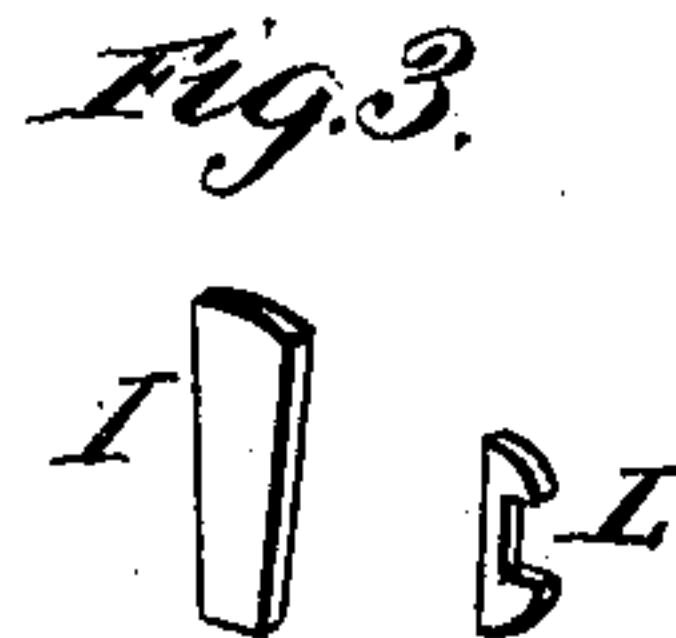
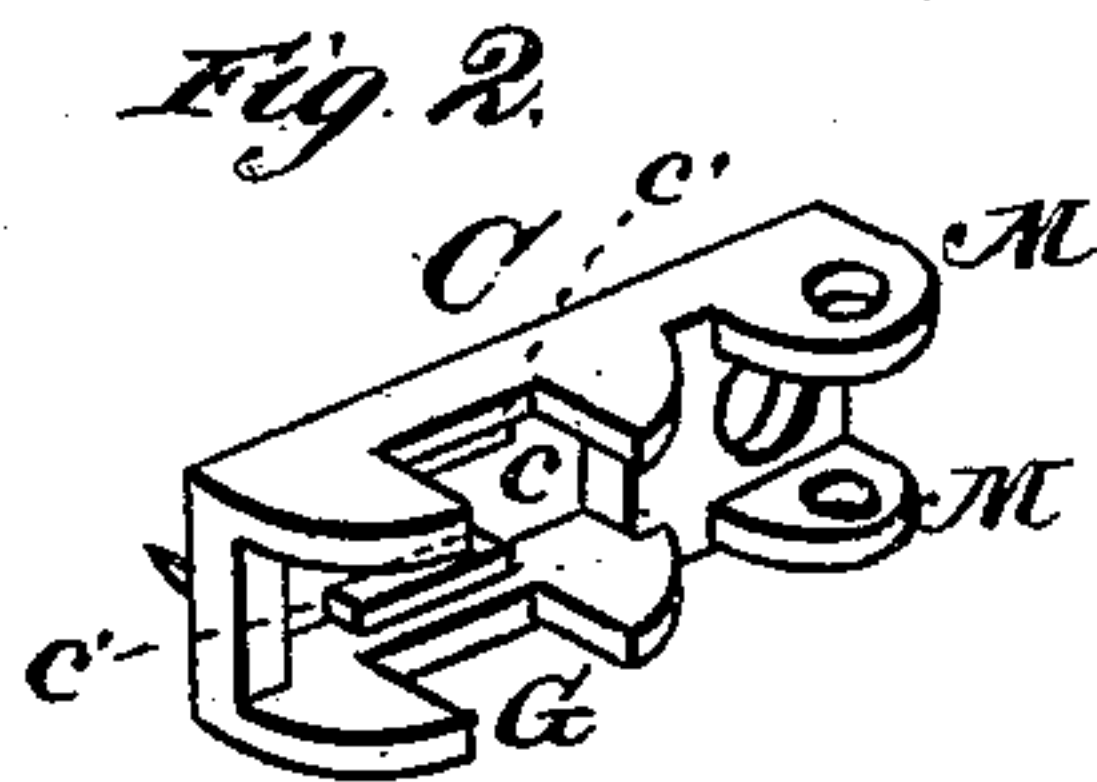
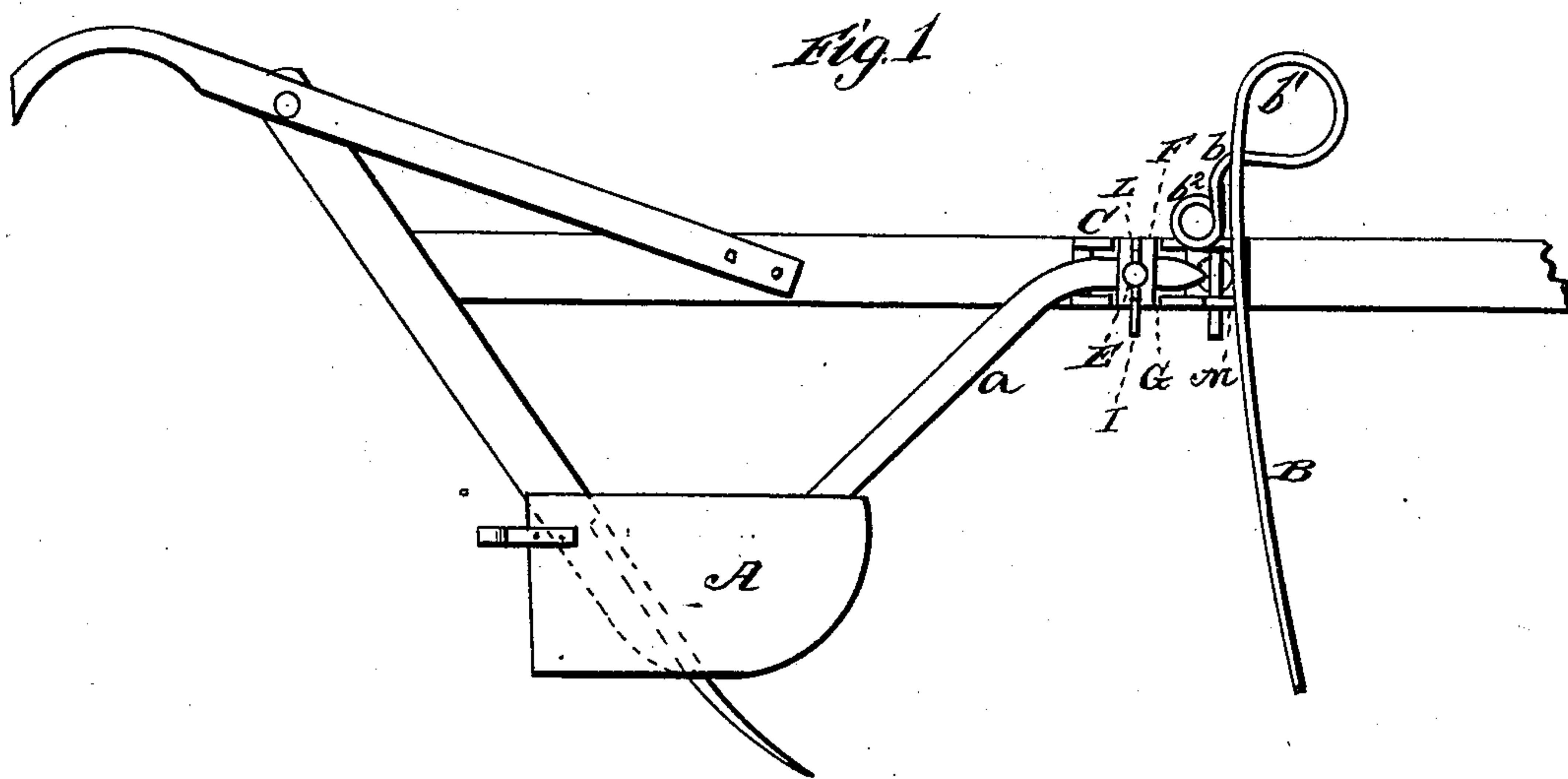


L. DAVIS, Jr.
Fender for Cultivator.

No. 226,501.

Patented April 13, 1880.



WITNESSES
Robert Everett
Chas. 4. Page

INVENTOR
Levi Davis Jr
Gilmore, Smith & Co.
ATTORNEYS

UNITED STATES PATENT OFFICE.

LEVI DAVIS, JR., OF BIG ROCK, ILLINOIS.

FENDER FOR CULTIVATORS.

SPECIFICATION forming part of Letters Patent No. 226,501, dated April 13, 1880.

Application filed January 17, 1880.

To all whom it may concern:

Be it known that I, LEVI DAVIS, Jr., of Big Rock, in the county of Kane and State of Illinois, have invented certain new and useful Improvements in Fenders for Cultivators; 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, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a side elevation of a cultivator, showing my fender applied; and Figs. 2, 3, 4, and 5 are detail views of the same.

My invention relates to cultivators; and it consists, first, in the arrangement of a corn-stalk straightener, and, secondly, in the manner of connecting the shield with a casting upon the beam, as hereinafter fully described and specified.

The drawings, Fig. 1, illustrate a cultivator with my improvement applied, the shield A being for the purpose of protecting young plants from the clods turned over by the shovel, and the corn-stalk straightener B being for the purpose of straightening out such corn-stalks as may be left in the field, so as to bring them in line with the furrow. C designates a metal casting, which is formed with a rectangular opening, *c*, and flanges *c'* *c'*, upon which is seated a plate, D, having a bolt-hole for the bolt E, which is passed through the beam.

In adjusting the shield its arm *a* is fitted

over the bolt E and upon the plate D, after which a plate, F, having a bolt-hole, is passed down upon the bolt. The ends of this plate F extend into notches G in the sides of the casting. This plate is held down by a key, I, which is inserted in a slot formed through the bolt. A notched locking-piece, L, is also employed as an auxiliary to the key I.

The corn-stalk straightener consists of a flexible rod, B, having the curves *b b'* at its upper portion, the objects of which are to throw the point of the straightener in advance of the shield and plows and away from the beam, to cause the straightened stalks to pass between the shield and plow, and also the spirally-wound part *b²*, which constitutes a spring. The end *b²* of the spiral is straightened out and inserted in lugs M M, which project from the casting.

This stalk-straightener is in advance of the shield and shovel, and is simple, strong, and efficient.

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

The cultivator-shield A, in combination with the casting C, with opening *c* and flanges *c'* *c'*, the plate D, bolt E, plate F, fitted upon the bolt and into notches G, and the key I, all arranged as set forth.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

LEVI DAVIS, JR.

Witnesses:

WM. WATERMAN,
HIRAM LATHERS.