

C. FLOWERS.
 QUICK REPAIR SHOE FOR CORN PLANTERS.
 APPLICATION FILED SEPT. 25, 1911.

1,018,105.

Patented Feb. 20, 1912.

Fig. 1.

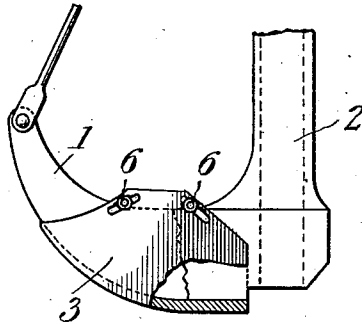


Fig. 2.

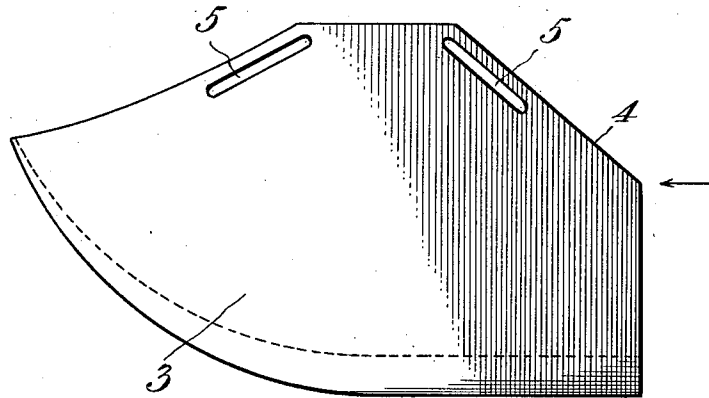
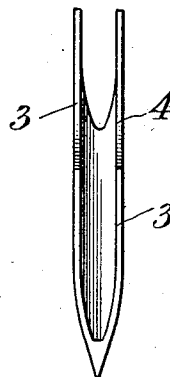


Fig. 3.



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CLIFFORD FLOWERS, OF CAMDEN, OHIO.

QUICK-REPAIR SHOE FOR CORN-PLANTERS.

1,018,105.

Specification of Letters Patent.

Patented Feb. 20, 1912.

Application filed September 25, 1911. Serial No. 651,234.

To all whom it may concern:

Be it known that I, CLIFFORD FLOWERS, a citizen of the United States, residing at Camden, in the county of Preble and State of Ohio, have invented certain new and useful Improvements in Quick-Repair Shoes for Corn-Planters; and I do hereby 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 and figures of reference marked thereon, which form a part of this specification.

This invention relates to certain new and useful improvements in quick repair shoes for corn planters and it has for its object the provision of a simple, inexpensive and practical device of this character which is adapted for use in effecting a quick and efficient repair of corn planter runners or shoes.

To this end and to such others as the invention may pertain, the same consists in the novel construction and in the peculiar arrangement, combination and adaptation of parts, all as will be more fully hereinafter described, shown in the accompanying drawings and then specifically defined in the appended claim.

My invention is clearly illustrated in the accompanying drawings which, with the numerals of reference marked thereon, form a part of this specification and in which:—

Figure 1 is a side elevation of a corn planter runner or shoe with my invention applied thereto, parts being shown in section for the purpose of better illustration. Fig. 2 is a side elevation of the invention detached, and Fig. 3 is a rear end view of the device.

Reference now being had to the details of the drawings by numeral, 1 represents a corn planter runner or furrow opener of any of the well known forms of construction.

2 is a vertical post or conducting tube supporting the rear end of the runner and 3 is a casting or shoe which is adapted to fit over the runner, as shown in Fig. 1, the shape of the shoe being such as to conform to the shape of the runner, and the side portions 4, 4 of the shoe are adapted to receive the runner between them. The shoe 3 is provided upon its opposite sides with elongated openings 5, which are disposed at an angle, preferably of about 45°, the side openings or slots 5 being provided in both of the side plates of the shoe adjacent to the upper end thereof and are adapted to receive locking bolts 6 which serve to lock the shoe securely to the runner and, as will be noted, will permit the shoe to be quickly and readily secured to the runner, inclosing the broken ends of the sections between the two side walls of the shoe and holding the same securely and rigidly in place. The inclined slots 6 will admit of the shoe being drawn securely into place and, at the same time, prevent either vertical or lateral displacement of the shoe when in use.

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

A shoe for corn planter runners comprising a casing, side walls and spaces intervening between the same for the reception of the planter runner, the walls of each of said casings having longitudinal slots formed at intervals to each other and spaced apart and having bolts affording means to hold the casing to different sizes of runners, as set forth.

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

CLIFFORD FLOWERS.

Witnesses:

M. A. BARNET,

GEO. A. CAMPBELL.