

M. L. NEARN.

Cotton-Choppers and Cultivators.

No. 144,281.

Patented Nov. 4, 1873.

Fig. 1.

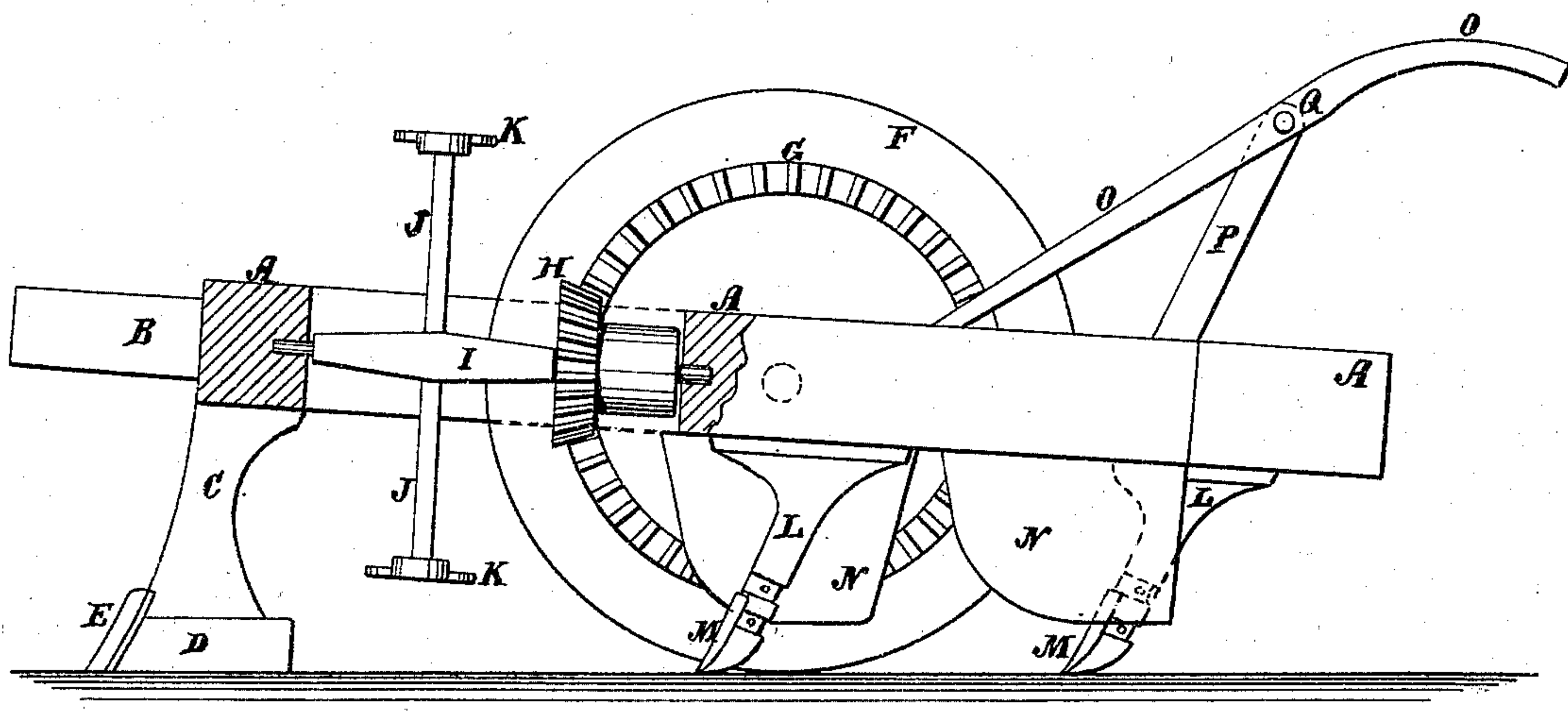
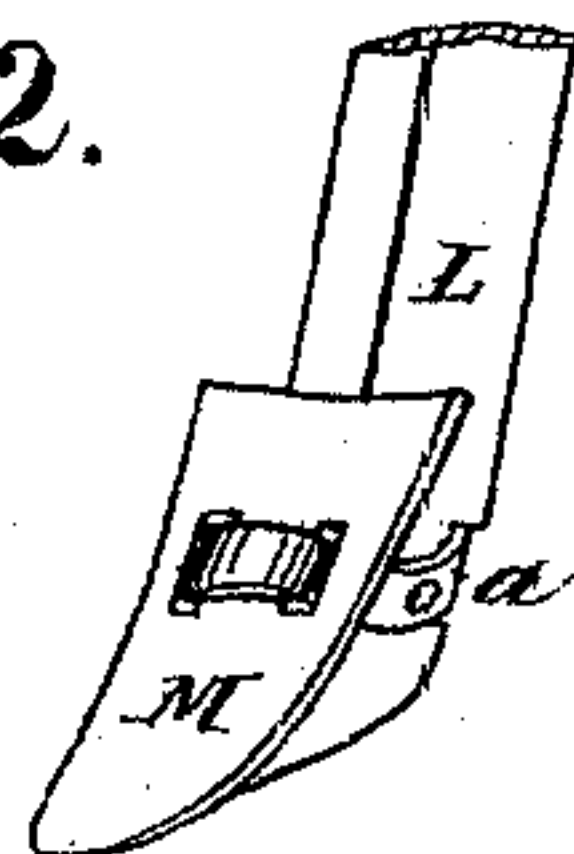


Fig. 2.



Witnesses:

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UNITED STATES PATENT OFFICE.

MANSFIELD L. NEARN, OF DOUBLE BRIDGES, TENNESSEE.

IMPROVEMENT IN COTTON CHOPPERS AND CULTIVATORS.

Specification forming part of Letters Patent No. **144,281**, dated November 4, 1873; application filed March 22, 1873.

To all whom it may concern:

Be it known that I, MANSFIELD L. NEARN, of Double Bridges, in the county of Lauderdale and State of Tennessee, have invented a new and useful Improvement in Combined Cotton Scraper, Chopper, and Cultivator, of which the following is a specification:

My invention is an improvement in the mode of attaching shovels to the standards of cultivators, more especially those employed in cotton culture. The invention consists in forming two parallel vertical slots in the shovels, through which bands or straps of sheet metal are passed, and in forming notches or recesses in the sides of the standards in which said bands or straps are laid and secured, as hereinafter described.

In Figure 1 of the drawing I have shown my improvement applied to a cotton scraper and chopper. Fig. 2 is a perspective view of a shovel and part of a standard enlarged.

A indicates the frame, B the tongue, and

O Q P the handles, of the machine. D E are scrapers attached to front standards C. I J K is a rotary chopper. G H F are the wheels, and N K the fenders. The standards L have notches formed in their lower ends, and two parallel vertical slots are made in each shovel. The bands *a* are passed through said slots and lapped around the notched portion of the standards. A screw-bolt is passed through the ends of the bands, and through the standards, to secure them. Any number of notches may be formed, so that the shovels may be adjusted higher or lower without difficulty.

What I claim is—

The bands *a* passed through slots in the shovels M, and secured in the notches of standards L, by means of screw-bolts, as shown and described.

MANSFIELD LAFAYETTE NEARN.

Witnesses:

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