

C. B. Maclay.
Corn Harvester.

No. 96602.

Patented. Nov. 9. 1869.

Witnesses.

Mulver Brown

Benjamin F. Omdoff.

Chas. B. Maclay

Fig. 1.

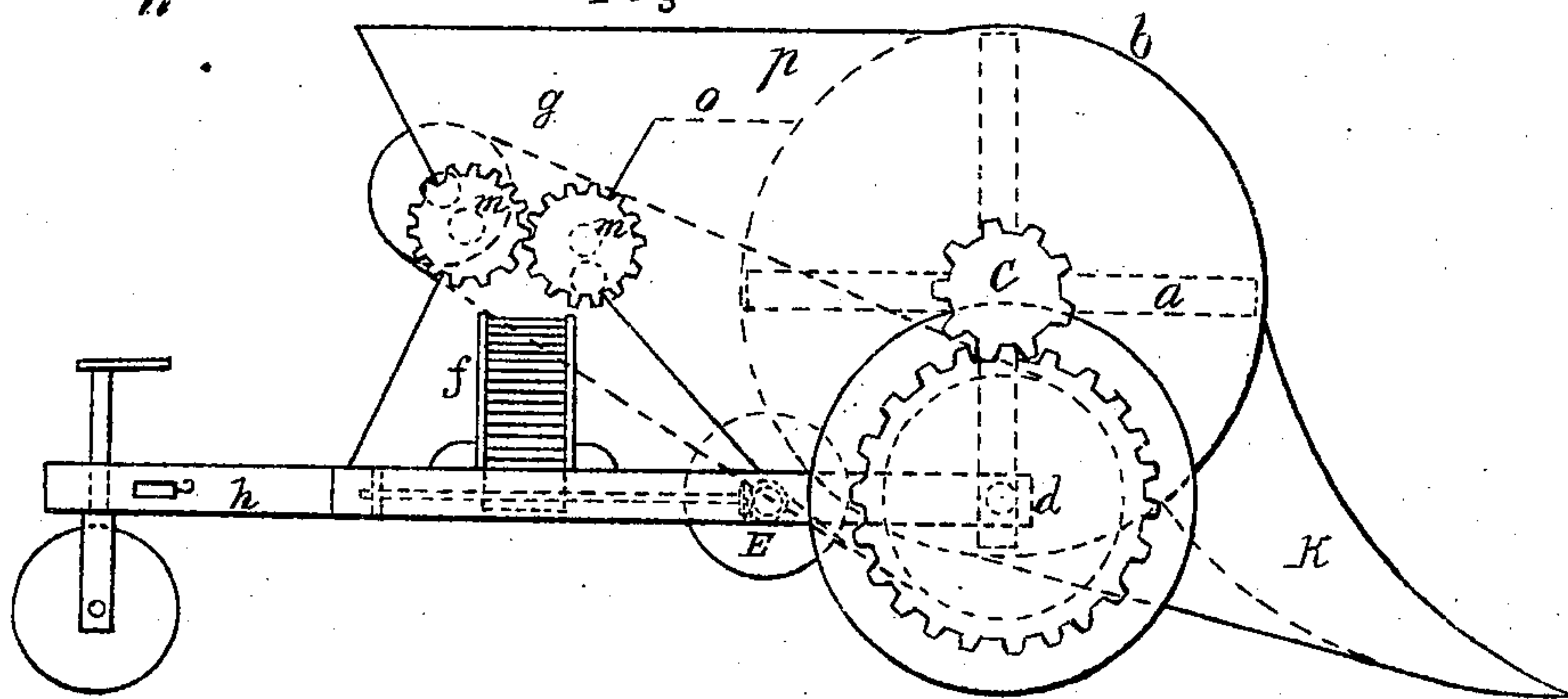


Fig. 2.

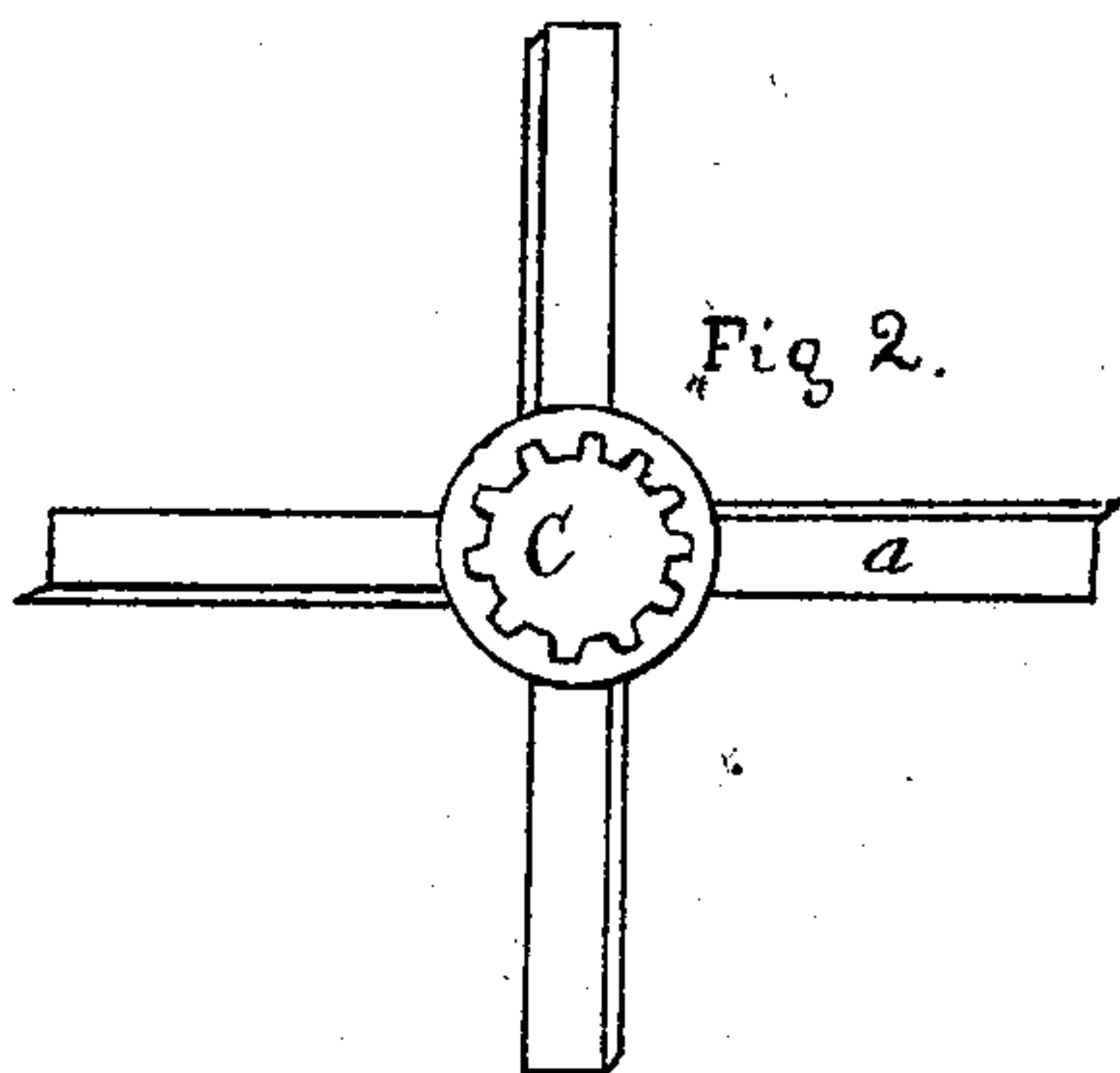


Fig. 3.

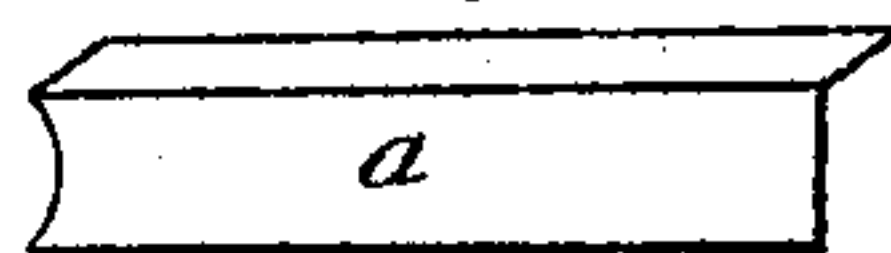


Fig. 4.

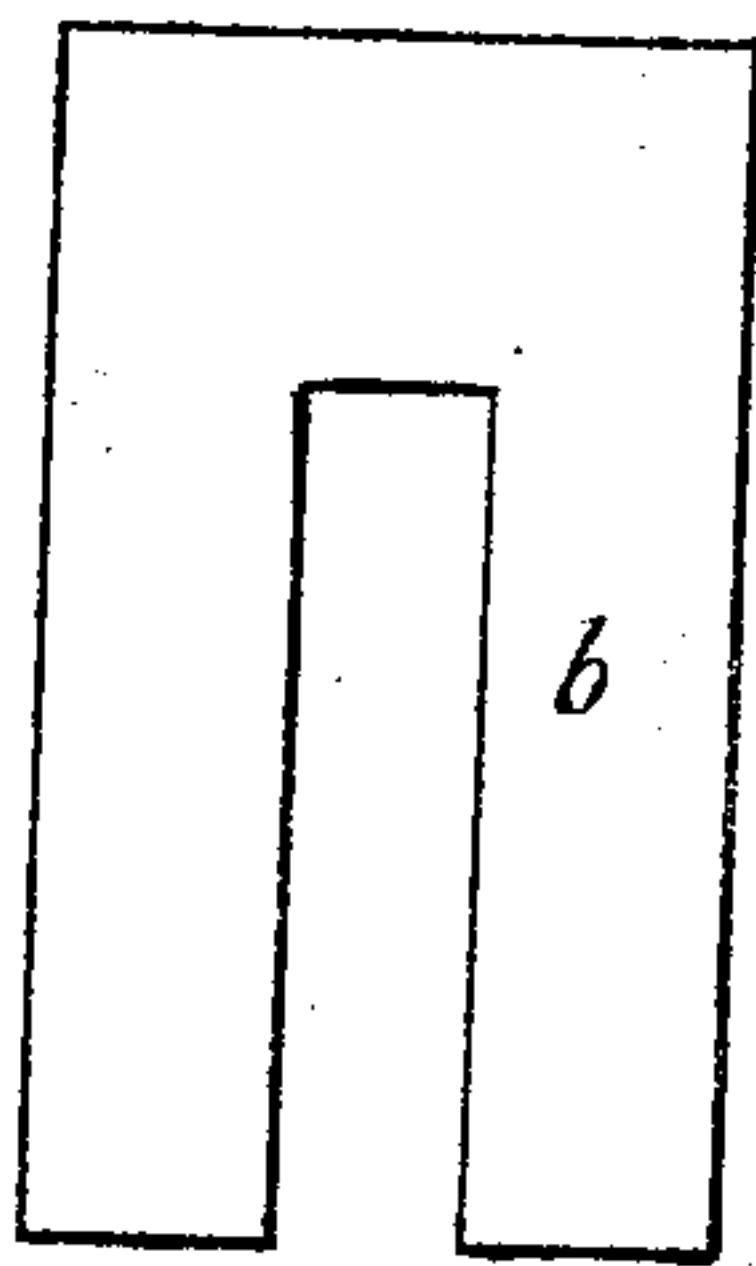


Fig. 6.

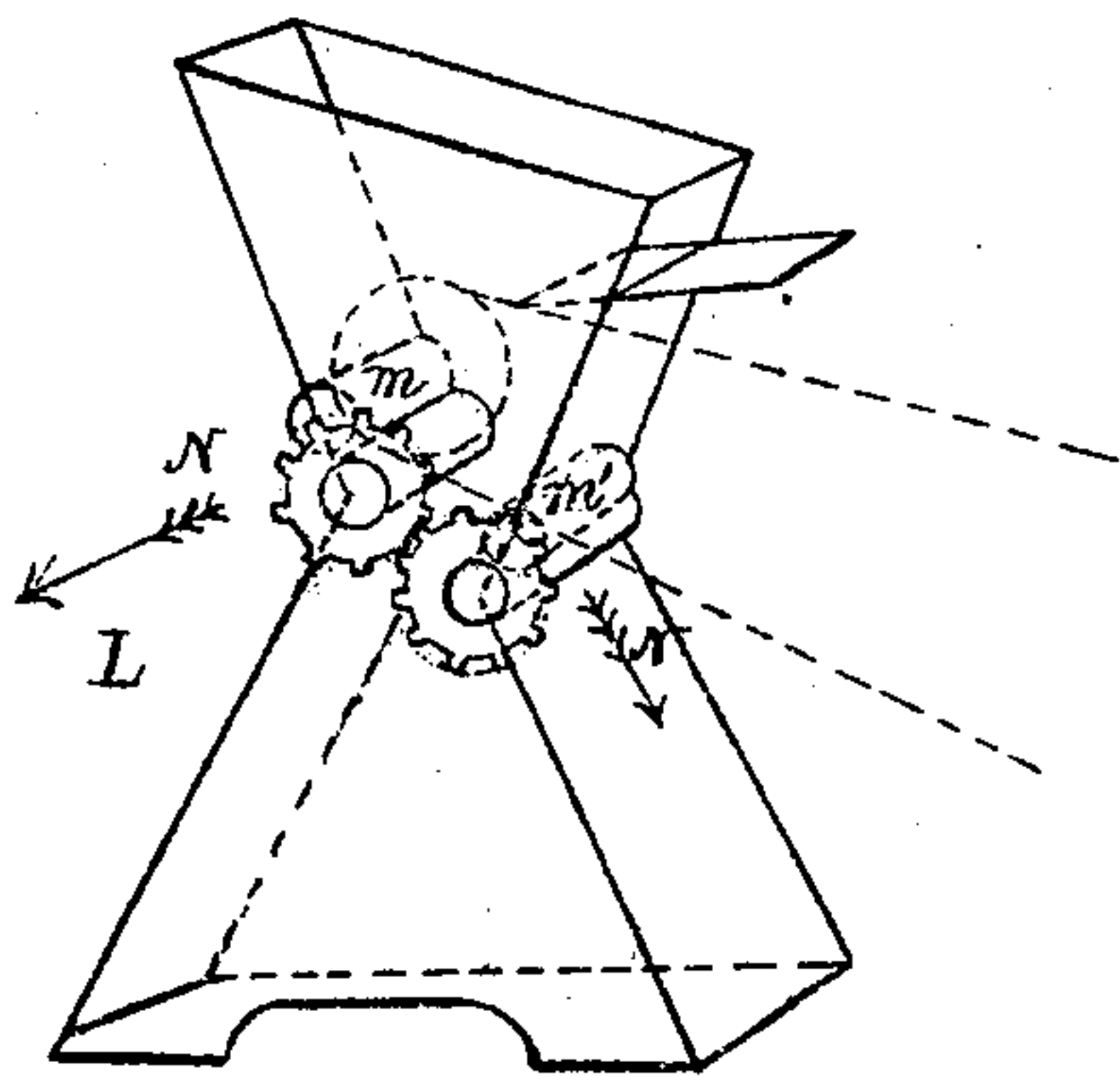
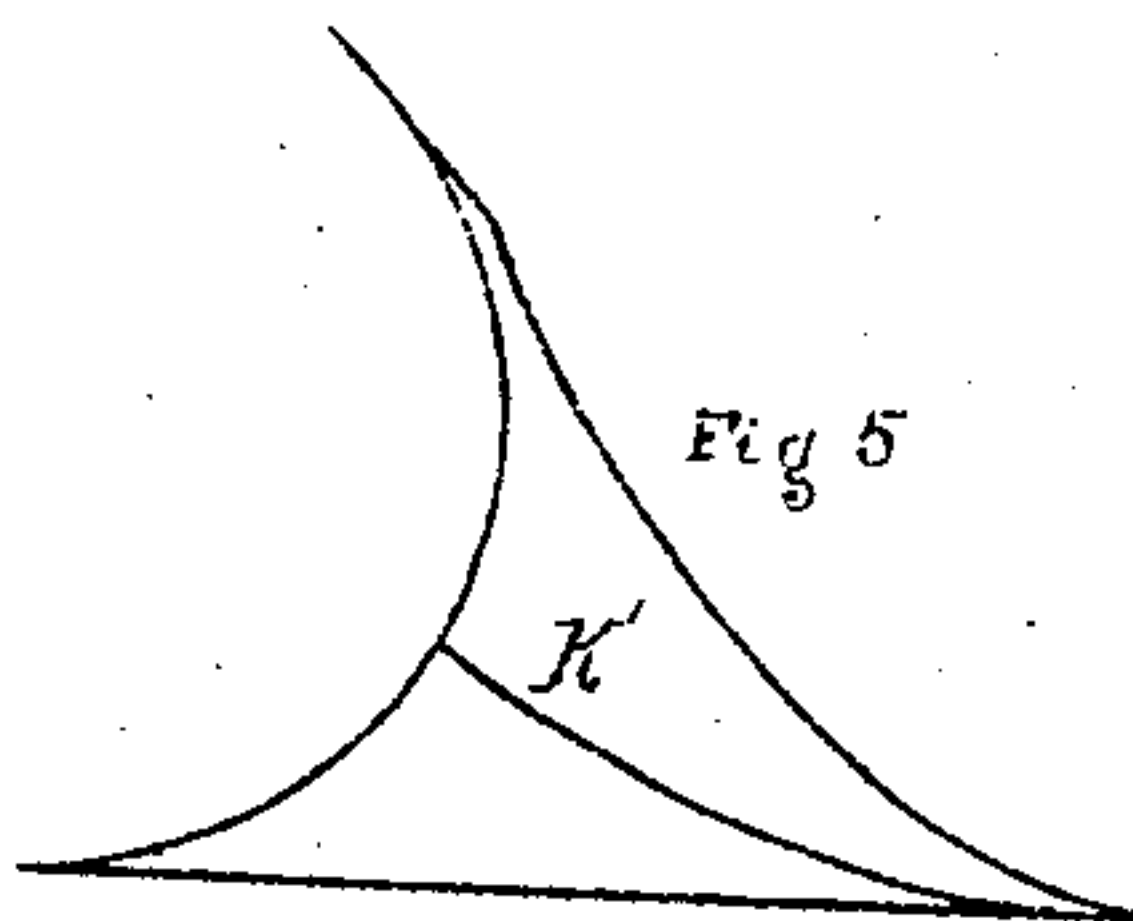


Fig. 5.



United States Patent Office.

CHARLES B. MACLAY, OF DELAVAN, ILLINOIS.

Letters Patent No. 96,602, dated November 9, 1869.

IMPROVEMENT IN CORN-HARVESTER.

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, CHARLES B. MACLAY, of Delavan, Tazewell county, and State of Illinois, have invented a new Method of Gathering and Husking Corn; and I do hereby declare the following to be a full and exact description of the same, reference being had to the annexed drawings, making part of this specification, in which—

Figure 1 is a side elevation of the whole machine.

Figure 2 is a side elevation of revolving troughs.

Figure 3 is a front view of a single trough.

Figure 4 is a front view of cover for revolving troughs.

Figure 5 is a front view of guide for stalks.

Figure 6 is a side view of the husker.

The operation of the machine is as follows :

When the machine is propelled, by side draught or from behind, the standing corn enters (between the guides K and K') the covering *b*, there coming in contact with the revolving troughs *a a a a*, by which the ears are easily separated from the stalks, and thrown upward and backward over the apron into the husker,

and alighting upon the rollers *m m m m*, (set one pair above the other,) are quickly husked, and the ears, passing through and dropping upon the elevator-cloth, are carried up the elevator *f*, and dropped into the accompanying wagon.

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

1. The combination of the guides K K', revolving troughs *a a a a*, (armed with cutting-edge,) and cover *b*.

2. The combination of revolving troughs *a a a a*, apron *o*, and husking-rolls *m m'*.

3. The apron *o* and husking-rolls *m m'*, in combination with revolving troughs *a a a a*, cover *b*, and guides K K'.

4. The construction and arrangement of guides K K', revolving troughs *a a a a*, cover *b*, frame *p*, apron *o*, rollers *m m'*, and elevator *f*.

CHARLES B. MACLAY.

Witnesses:

MILNER BROWN,

BENJAMIN F. ORNDORFF.