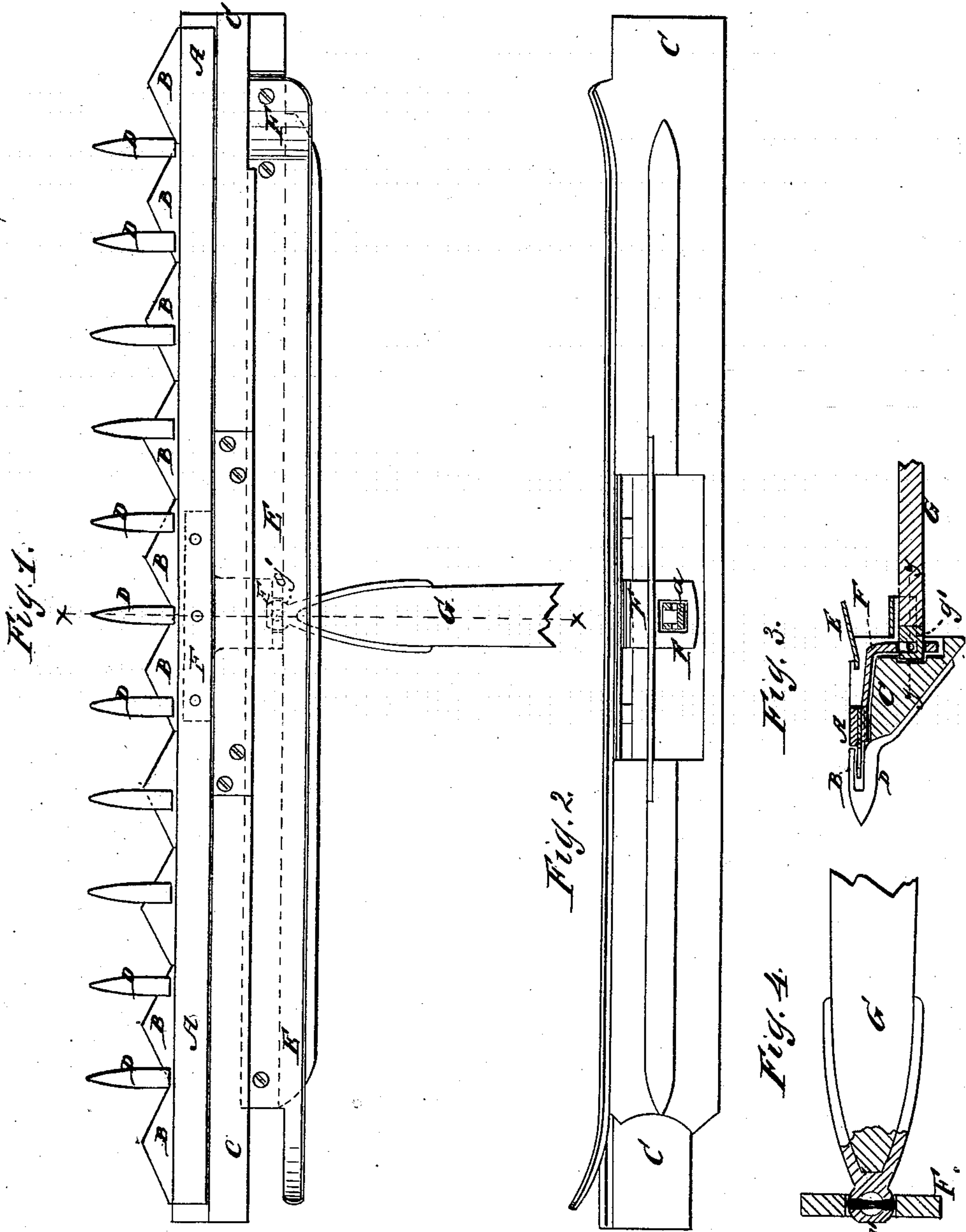


C. K. MYERS.

Cutting-Apparatus for Harvesters.

No 157,344.

Patented Dec. 1, 1874.



WITNESSES:

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UNITED STATES PATENT OFFICE.

CHARLES K. MYERS, OF PEKIN, ILLINOIS.

IMPROVEMENT IN CUTTING APPARATUS FOR HARVESTERS.

Specification forming part of Letters Patent No. **157,344**, dated December 1, 1874; application filed September 19, 1874.

To all whom it may concern :

Be it known that I, CHARLES K. MYERS, of Pekin, in the county of Tazewell and State of Illinois, have invented a new and useful Improvement in Cutting Apparatus for Harvesters, of which the following is a specification:

Figure 1 is a top view of my improved finger-bar. Fig. 2 is a rear view of the same. Fig. 3 is a detail cross-section of the same, taken through the line *x x*, Fig. 1. Fig. 4 is a detail section taken through the line *y y*, Fig. 3.

Similar letters of reference indicate corresponding parts.

The invention will first be fully described, and then pointed out in the claim.

A represents the sickle-bar, to which the sickles B are secured, and which works in a rabbet in the forward part of the upper side of the finger-bar C, where it is kept in place by the fingers D attached to the said bar C. E is the finger-bar strip, which is placed in a rabbet formed in the rear part of the upper side of the finger-bar C, with its forward edge fitted into a groove formed in the said finger-bar at the forward side of the said rabbet. F is a bar or arm the forward end of which is made wide or has a cross-head formed upon it, and is secured to the under side of the middle part of the sickle-bar A by screws or bolts. The arm F passes through and works in a long notch in the upper side of the middle part of

the finger-bar C. The rear part of the arm F is bent downward at right angles, and works in a recess in the rear side of the finger-bar C. In the turned-down rear part of the arm F is formed a square hole or mortise to receive the head *g'* of the bar G, by which the sickle-bar A is driven. The sides of the head *g'* of the driving-bar G are rounded off, as shown in Figs. 1 and 4, so that the said head may fit snugly in the square mortise of the arm F, at whatever angle the said driving-rod may be. In the head *g'* is formed a hole leading in from its upper side, to serve as a cup to receive oil for lubricating the said head, and from which two small holes lead out through the opposite sides of the head, to allow the oil to escape to lubricate the rubbing surfaces. Cotton or other suitable absorbent material may be placed in the said cup to hold the oil and allow it to escape as required.

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

The combination, with sickle-bar A, of the bar F, having cross-head and bent end, the finger-bar C having long notch and rear recess, and the driving-bar G, having head *g'*, all constructed and arranged, substantially as and for the purpose specified.

CHARLES K. MYERS.

Witnesses:

HENRY LAUTZ,
FRANK SHAW.