

S. NOXON, Jr.  
HARVESTER-RAKE ARMS.

No. 185,254.

Patented Dec. 12, 1876.

Fig. 1

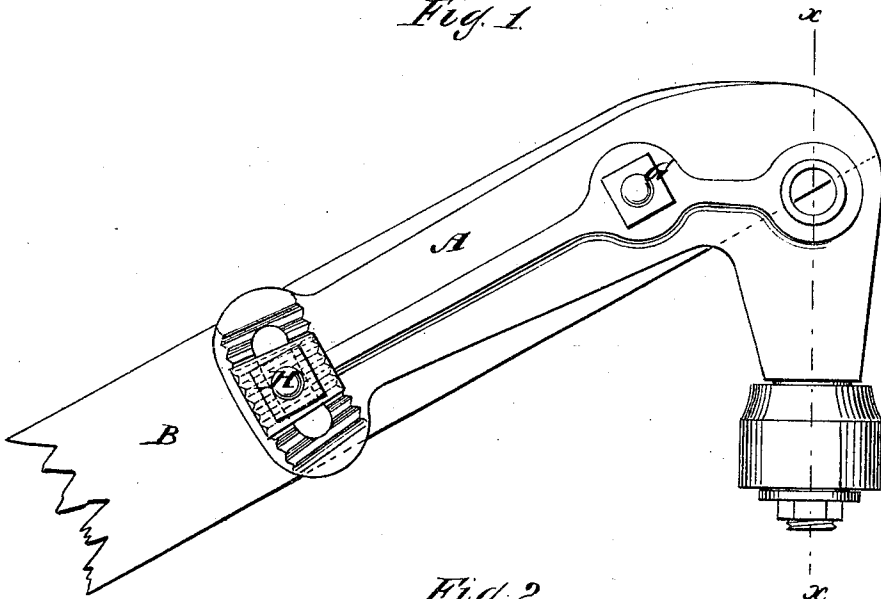
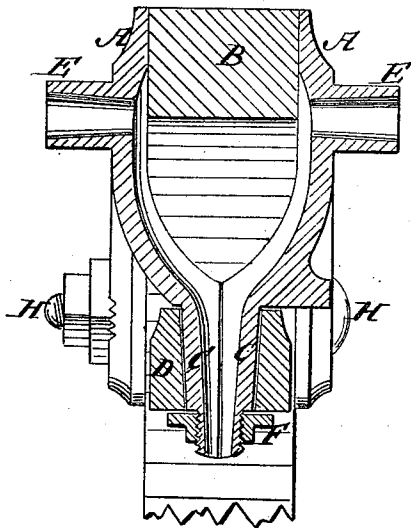


Fig. 2



WITNESSES:

*E. Wolff.*  
*John Goethals.*

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# UNITED STATES PATENT OFFICE

SAMUEL NOXON, JR., OF INGERSOLL, ONTARIO, CANADA.

## IMPROVEMENT IN HARVESTER RAKE-ARMS.

Specification forming part of Letters Patent No. 185,254, dated December 12, 1876; application filed May 27, 1876.

### *To all whom it may concern:*

Be it known that I, SAMUEL NOXON, Jr., of Ingersoll, in the Province of Ontario and Dominion of Canada, have invented a new and Improved Rake-Arm for Harvesters, of which the following is a specification:

My invention consists of the metallic section of the rake-arm made in two parts, each of which has a part of the pivot for the cam-roller, and also a pivot for the hinge, by which the arm is binged to the revolving head of the rake-stand, the arrangement being such that not so many pieces are required, and the construction is simplified, and the maximum of strength is obtained with the minimum of material.

Figure 1 is a side elevation of a portion of a rake-arm constructed according to my invention; and Fig. 2 is a section of Fig. 1 on line *x x*.

Similar letters of reference indicate corresponding parts.

A represents the two metal parts, and B the wood part, of the rake-arm. C represents the

two parts of the pivot or journal for the cam-roller D, formed, respectively, on the parts A; and E represents the pivots for the hinge, by which the arm is hinged to the revolving head of the rake-stand, each pivot E being on one of the metal parts A.

The two parts of the pivot C are held firmly together, and the pivots E are secured in place by the nut F, and by the bolts G and H, by which the metal and wood parts of the arm are connected.

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

The metal part of the arm of a harvester-rake, constructed in two parts, A, each having a part of the pivot C for the cam-roller D, and one of the pivots E, by which the arm is pivoted to the revolving head of the rake-stand, substantially as specified.

SAMUEL NOXON, JR.

Witnesses:

G. W. WATSON,  
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