

(No Model.)

R. T. TUTTLE.  
HARVESTER RAKE.

No. 255,476.

Patented Mar. 28, 1882.

Fig. 1.

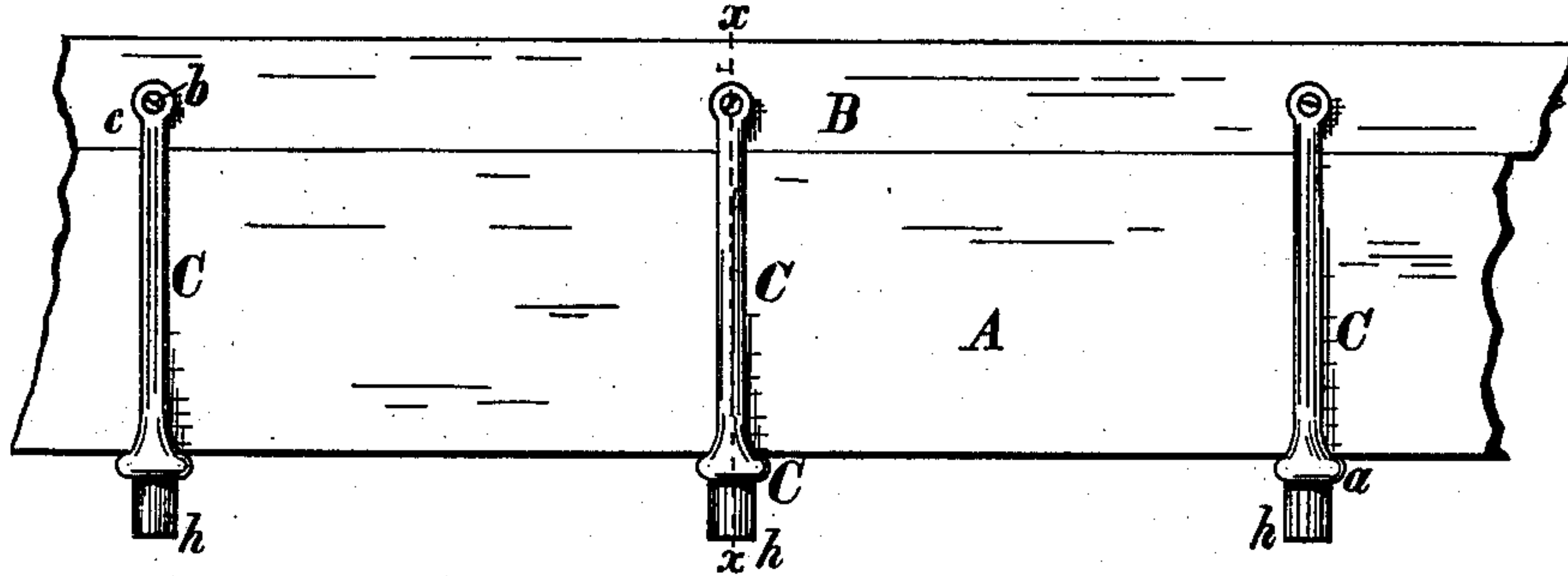


Fig. 2.

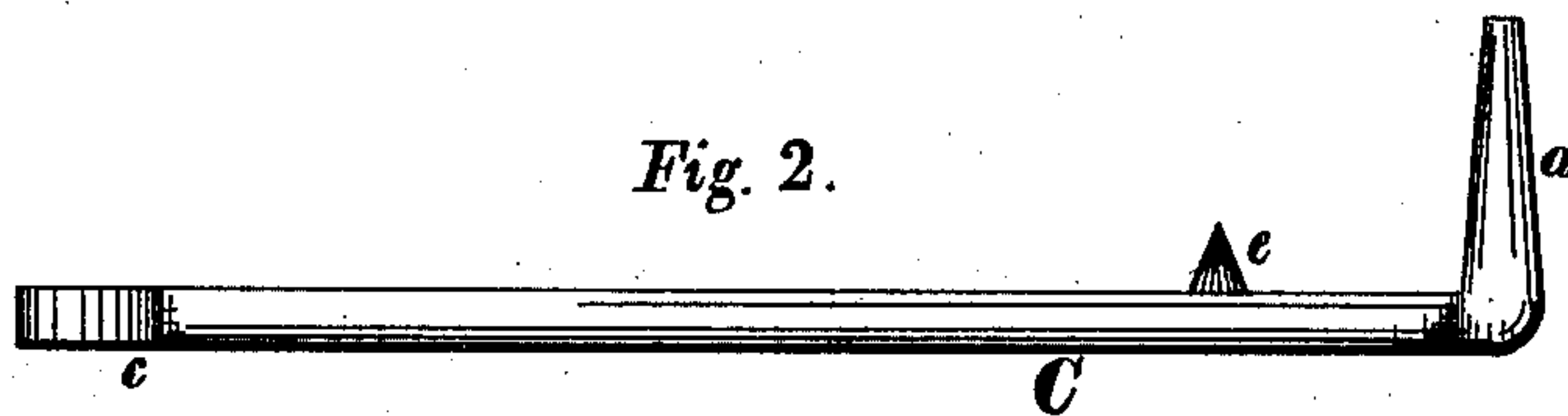


Fig. 3.

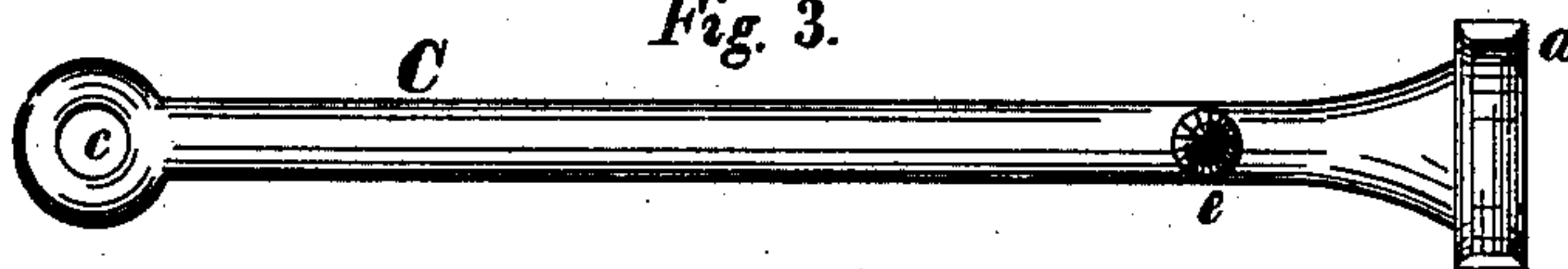


Fig. 4.

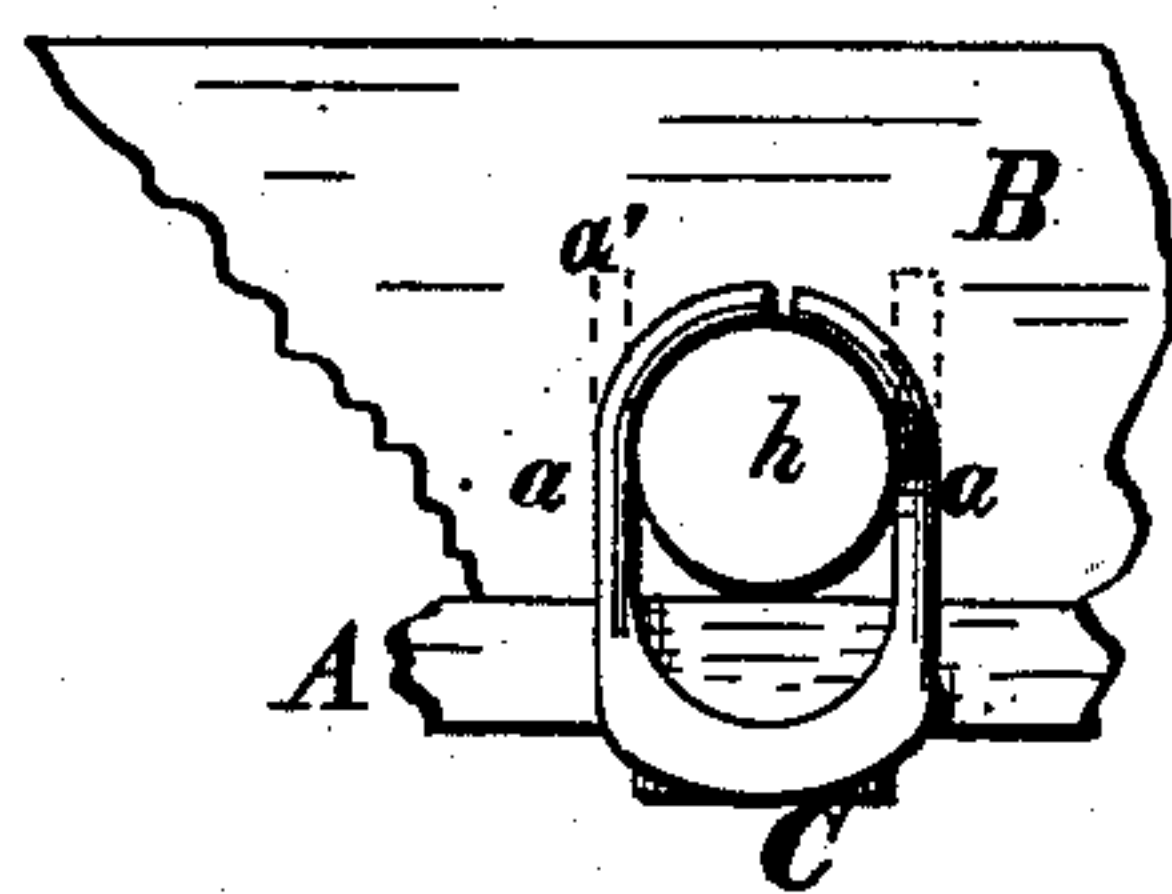
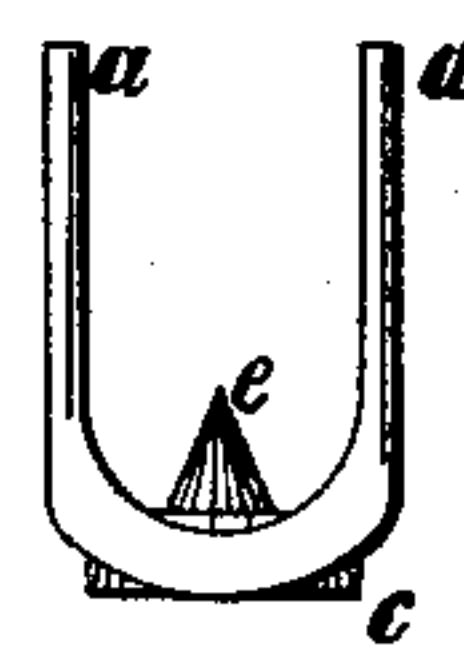


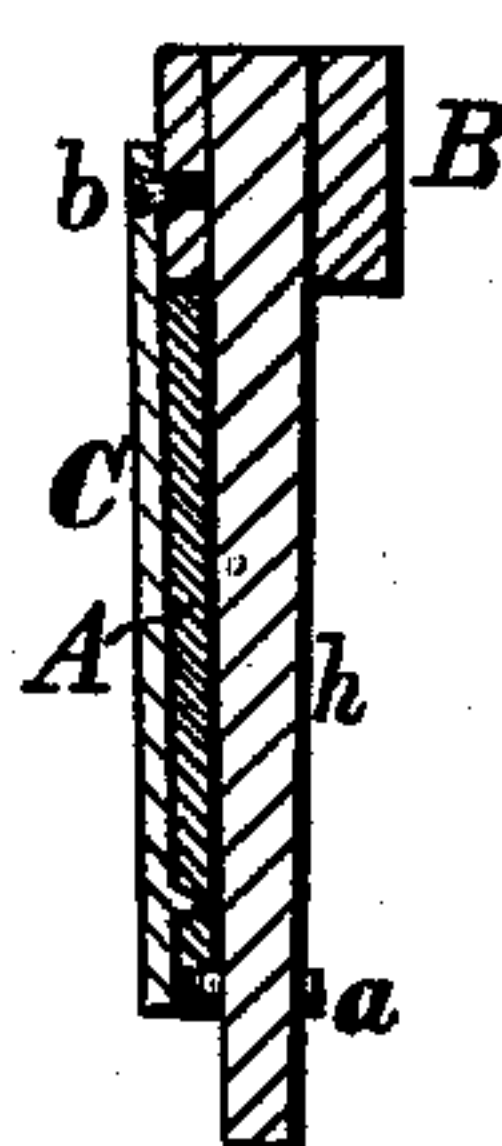
Fig 6.



WITNESSES=

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Fig. 5.



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# UNITED STATES PATENT OFFICE.

RICHARD T. TUTTLE, OF PERRY, NEW YORK.

## HARVESTER-RAKE.

SPECIFICATION forming part of Letters Patent No. 255,476, dated March 28, 1882.

Application filed December 21, 1881. (No model.)

*To all whom it may concern:*

Be it known that I, R. T. TUTTLE, of Perry, Wyoming county, New York, have invented certain Improvements in Harvester-Rakes, of which the following is a specification, reference being had to the accompanying drawings.

My invention relates to an improved means of securing the sweep-board to the rake of a harvester; and it consists in a metallic fastening adapted to secure the parts together, as hereinafter more fully described.

In the accompanying drawings, representing my improvements in harvester-rakes, Figure 1 is a front view of a portion of a harvester-rake embodying my improvements. Fig. 2 is a side view, and Fig. 3 a plan view, of the metallic fastening detached. Fig. 4 is an inverted view of a portion of the rake. Fig. 5 is a vertical section of the rake on the line *xx*, Fig. 1. Fig. 6 is an end view of the metallic fastening detached.

My improvements in harvester-rakes are represented in the accompanying drawings, in which A is the sweep-board, B the rake-arm, *h* the teeth, and C the metallic clip or fastening by which the sweep-board is attached to the rake.

The sweep-board is secured in place on the arm B and against the teeth by means of the metallic fastening or clamp C, which consists of a straight bar having an eye, *c*, at one end, through which the screw, rivet, or nail *b* passes, by which the fastening is secured to the arm B, and provided at the other end with two arms

or prongs, *a a*, which are bent around the teeth below the sweep-board A, as shown in Fig. 4, for the purpose of holding the sweep-board in place against the teeth. The arms *a a* are cast straight, as shown in Fig. 6, and in the dotted lines *a'*, Fig. 4, and are bent around the teeth at the time the fastening is applied to the rake, as represented by the full lines in Fig. 4. A pointed spur, *e*, may be formed on the inside of the fastening, which spur is driven into the sweep-board and assists in holding the latter in its proper place.

My improved fastening is cheap to manufacture, being cast, is easily applied to the rakes of any form of harvesters, and adapts itself readily to any thickness of sweep board or any size of rake-teeth. My improved fastening may also be readily tightened, in case it becomes loose, by bending the arms *a a* about the teeth.

I claim—

1. The combination of the rake-arm B, sweep-board A, teeth *h*, and malleable fastening C, provided with arms *a a*, adapted to be bent around the teeth, substantially as and for the purposes set forth.

2. The combination of the rake-arm B, sweep-board A, teeth *h*, and malleable fastening C, provided with arms *a a*, and spur *e*, substantially as and for the purposes set forth.

RICHARD T. TUTTLE.

Witnesses:

GEO. B. SELDEN,  
H. G. PHILLIPS.