

A. H. SHREFFLER.
DROPPING PLATFORM FOR HARVESTERS.

No. 83,735.

Patented Nov. 3, 1868.

Fig: 1.

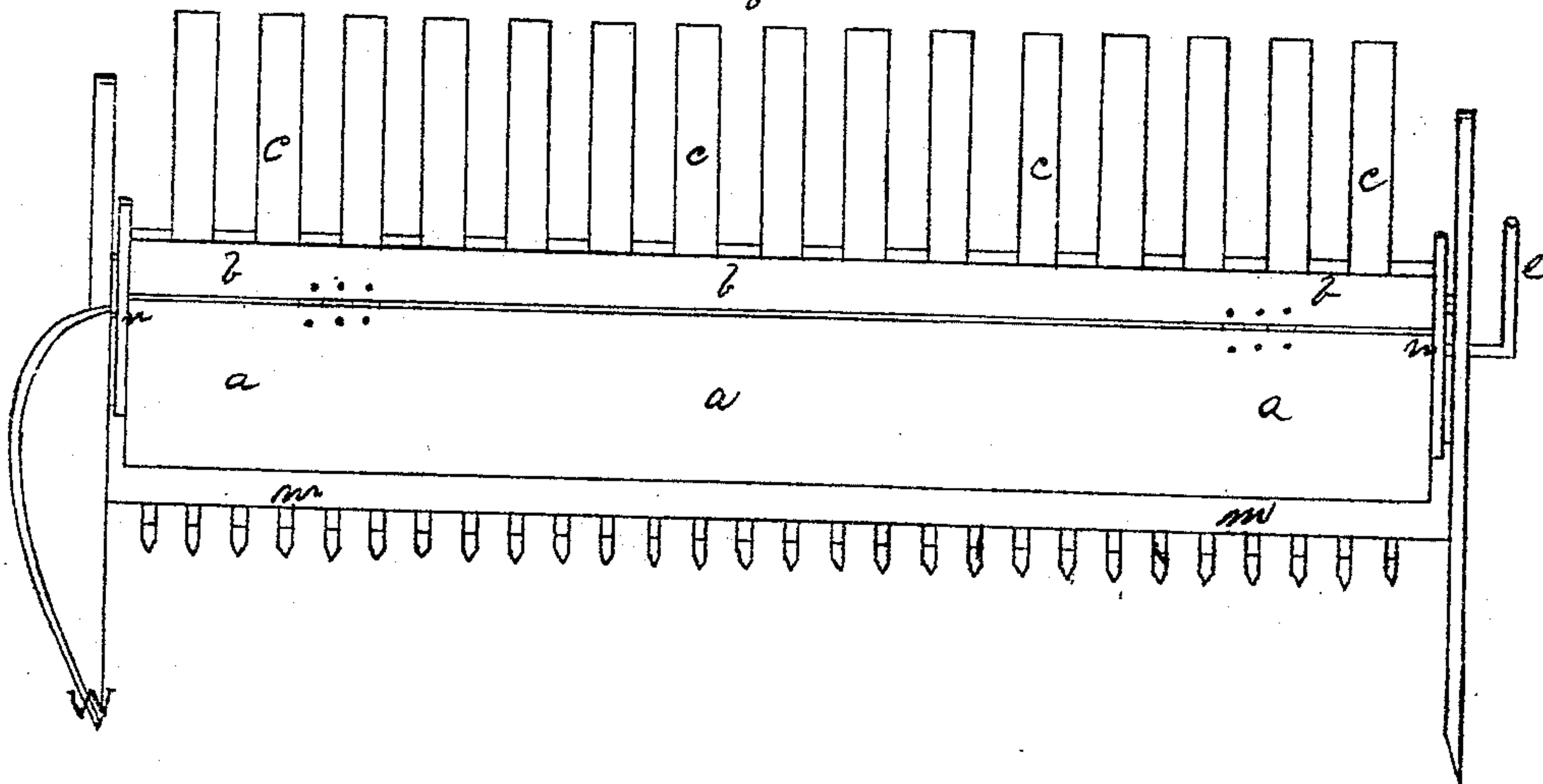
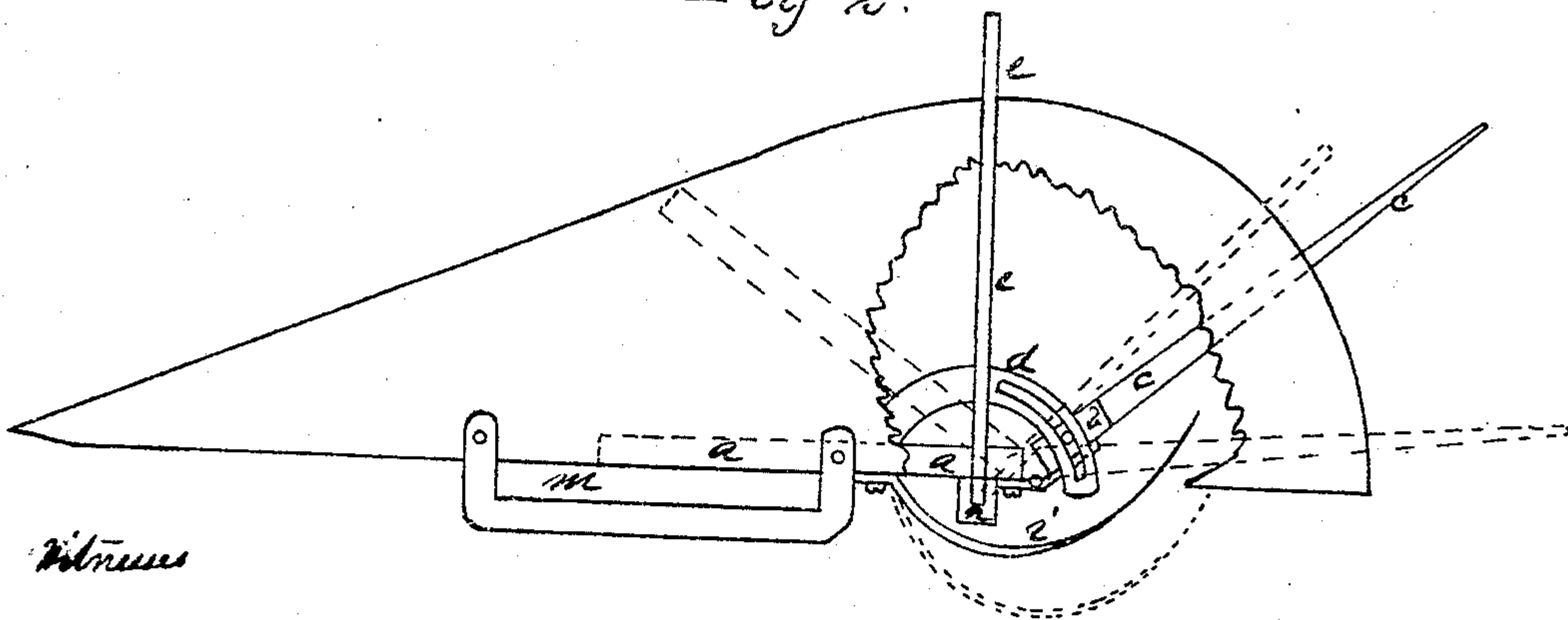


Fig 2.



Witness

Thos H Hutchins
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ANDREW H. SHREFFLER, OF JOLIET, ILLINOIS.

Letters Patent No. 83,735, dated November 3, 1868.

IMPROVEMENT IN DROPPING-PLATFORMS FOR HARVESTERS.

The Schedule referred to in these Letters Patent and making part of the same.

Be it known that I, ANDREW H. SHREFFLER, of the city of Joliet, in Will county, and State of Illinois, have invented an Improvement in Droppers in Grain-Harvesters; and that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, in which—

Figure 1 is a plan view of the top, and

Figure 2, a side elevation of the same.

The nature of my invention consists in an improvement in droppers in harvesters which I will fully explain.

a represents a tilting-floor upon which the grain rests as it is cut, to which tilting-floor is hinged a stop, *b*, with or without teeth, as shown in fig. 1, against which the grain stands to prevent its falling at once over on the ground in the rear. The front edge of the tilting-floor *a* rests upon the finger-bar *m*, and at the rear on the pivot shown at *n n*, so that the same may be tilted back by means of the lever *e*, as the machine travels along to throw off the grain. The front edge of the tilting-floor may be placed very near to the sickle, so as to avoid leaving any space between the same and said floor, or it may be set further back, at the option of the operator. The toothed stop *b* may be set at any desired angle to the tilting-floor *a* by means of the use of the circular slotted plates *d*, and the set-screw operating in said slot on the ends of the stop,

as shown in fig. 2, which it is necessary to do in different lengths of grain.

i represents a spring which is used to give the stop *b* and tilting-floor *a* a start back over the centre after letting go of the lever *e*. The red lines in fig. 2 show the different positions of the dropping-device when tilted over to let off the grain.

Claims.

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

1. The combination of the stop *b* with the tilting-floor *a* arranged, operating, and constructed substantially as and for the purposes set forth.

2. The use of the spring *i* to start the dropping-device back past the centre after letting go of the lever *e*, substantially as described.

3. The combination of the platform *a*, slotted extension *b c*, curved slotted plates *d*, spring *i*, and lever *e*, arranged in rear of the finger-bar, and operating substantially as described.

4. The circular slotted plate *d*, for the purpose of regulating the stop *b*, substantially as and for the purposes set forth.

ANDREW H. SHREFFLER.

Witnesses:

THOS. H. HUTCHINS,
A. A. McGOONEY.