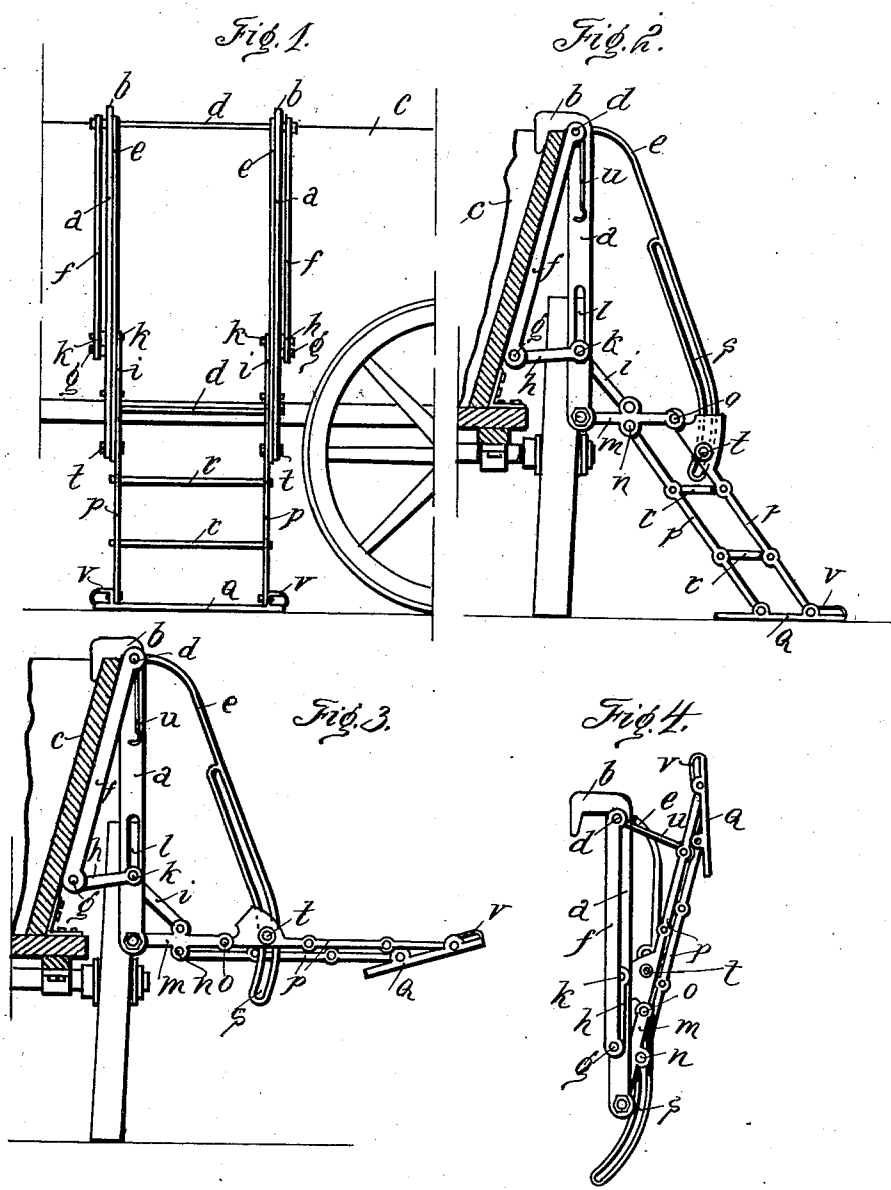


T. GOHLKE.  
 STEP FOR HARVEST CARS.  
 APPLICATION FILED MAY 23, 1912.

1,068,890.

Patented July 29, 1913.



Witnesses:  
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# UNITED STATES PATENT OFFICE.

THEODOR GOHLKE, OF SABOW, GERMANY.

STEP FOR HARVEST-CARS.

1,068,890.

Specification of Letters Patent.

Patented July 29, 1913.

Application filed May 23, 1912. Serial No. 699,253.

To all whom it may concern:

Be it known that I, THEODOR GOHLKE, a subject of the German Emperor, and resident of Sabow, Germany, have invented certain new and useful Improvements in Steps for Harvest-Cars, of which the following is a specification.

This invention relates to an improved removable folding step for harvest-cars, which is shown on the accompanying drawing, in which—

Figure 1 is a front view, and Fig. 2 a side view, of same, in its position of use, while Figs. 3 and 4 are side views thereof, in partly and entirely folded up position respectively.

The two bars *a* carrying the step and its accessories, are at their upper ends provided with hooks *b* for their removable suspension from the lateral wall *c* of the harvest-car and at their upper and lower ends connected by two rods *d*. The upper rod *d* forms at the same time the pivot for the two bent guard-rails *e* and for the supporting rails *f*. The free lower end *g* of each rail *f* is fitted with a pivotal link *h*, which is connected with another pivotal link *i* by a pivot *h*, the latter sliding in a slot *l* of the bar *a*, so that the two ends of the pivotal links *h* and *i*, which are connected with each other, are guided in said slot. The lower ends of the two bars *a* are provided with a platform *m* pivoted to the latter and to which the two pivotal links *i* are attached. To both ends of said platform *m* two rails *p* are pivotally attached at *n* and *o* so as to lie behind each other, the lower ends of said rails *p* being connected by a common foot-plate *Q*, in such a way that the upper platform *m* lies in horizontal position parallel to said foot-plate when the step is in its position of use. Between the rails two tread-boards *r* are pivotally mounted in such a way that they are also parallel to the platform *m* and foot-plate *Q* when the step is in the position of

use. The two guard-rails *e* are provided with slots *s*, which engage with bolts *t* fixed on the two front rails *p*. For intended use, the step assumes the unfolded position shown in Figs. 1 and 2. Owing to the pivotal connection between the single parts of the step, the same can be folded up, first into the position shown in Fig. 3 and finally into the position shown in Fig. 4, so that it is not necessary to remove the step when the car is in motion. In the latter position, the step can be fixed by means of a pivotal hook *u* arranged on the upper rod *d*. To facilitate the manipulation of the step, two handles *v* are provided on the foot-plate *Q*.

I claim:

A step for harvest-cars, comprising in combination two hooked bars adapted to be removably suspended from the lateral wall of the car and having slots in their lower ends, two rods to connect said bars, two supporting rails at their upper ends pivoted to one of said rods, two bent guard-rails at their upper ends also pivoted to one of said rods and having slots in their lower ends, a platform pivoted to the lower ends of said bars, pivotal links to connect said supporting rails and platform and to guide same in the slots of said bars, two front and two rear rails pivoted to said platform, a pivotal foot-plate to connect said rails, handles on said foot-plate, pivotal tread-boards between said rails, bolts on said front rails to guide same in the slots of said bent guard-rails, and a hook to fix the step in position when not in use, all for the purpose set forth.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

THEODOR GOHLKE.

Witnesses:

HEINRICH WIWSZKI,  
ROBERT THORN.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."