UNITED STATES PATENT OFFICE.

FRANK C. ROSZMAN, OF CECIL, OHIO.

SEPARATOR FOR THRESHING-MACHINES.

1,120,978.


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To all whom it may concern:

Be it known that I, FRANK C. ROSZMAN, a citizen of the United States, residing at Cecil, in the county of Paulding and State of Ohio, have invented certain new and useful Improvements in Separators for Threshing-Machines, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to separators for threshing machines.

The object of the invention is to provide an article of this character which may be operated for hauling clover seed, separating pods from straw, and freeing grain and buckwheat from straw and weeds and discharging the latter from the separator, the parts being so constructed and arranged as, while insuring the saving of all the grain, the discharge of the stubble and waste will be effected, and without danger of choking the machine.

With the above and other objects in view, as will appear from the nature of the invention is better understood, the same consists in the novel construction and combination of parts of the separator, as will be hereinafter described and claimed.

In the accompanying drawings forming a part of this specification, and in which like characters of reference designate corresponding parts: Figure 1 is a view in perspective of one form of the separator; Fig. 2 is a transverse sectional view on an enlarged scale through the separator shown in Fig. 1; Fig. 3 is a detail view of one of the elements employed in connection with the separator; Fig. 4 is a perspective detail view of a portion of a modified form of the separator; Fig. 5 is a transverse sectional view, on an enlarged scale, through the separator shown in Fig. 4.

In the form of the invention shown in Figs. 4 and 5 the construction of the frame is the same, the difference residing in the arrangement of slats. The front ends of the slats are provided with teeth 15, and to the rear inclined portion of the slats, on their under side, are secured V-shaped back walls 16 which are secured to the slats by a rivet 17. This form of separator will be found adapted for accomplishing the separation of finer grades of seeds, but in both cases the result aimed at is secured in a thoroughly practical manner.

Having thus described my invention what I claim is:

In a separator for threshing machines, a frame comprising stepped bars, slats secured to the frame bars and having obliquely disposed deflecting walls projecting below the upper surface of the slats, removable bolts connecting the longitudinal edges of the slats, and winged sleeves arranged upon certain of the bolts to prevent distortion of the slats.

In testimony whereof I hereunto affix my signature in the presence of two witnesses.

FRANK C. ROSZMAN.

Witnesses:

EDW. MCGAHAN.
JOE CAVANAGH.

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