Feb. 24, 1931. K. E. HEI ET AL. 1,793,931

DIVIDER FOR CUTTER BARS

Filed Aug. 19, 1927

Fig. 1.

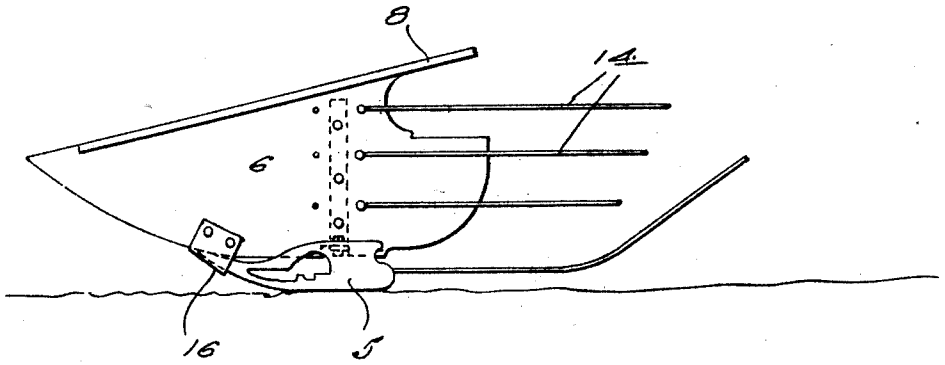
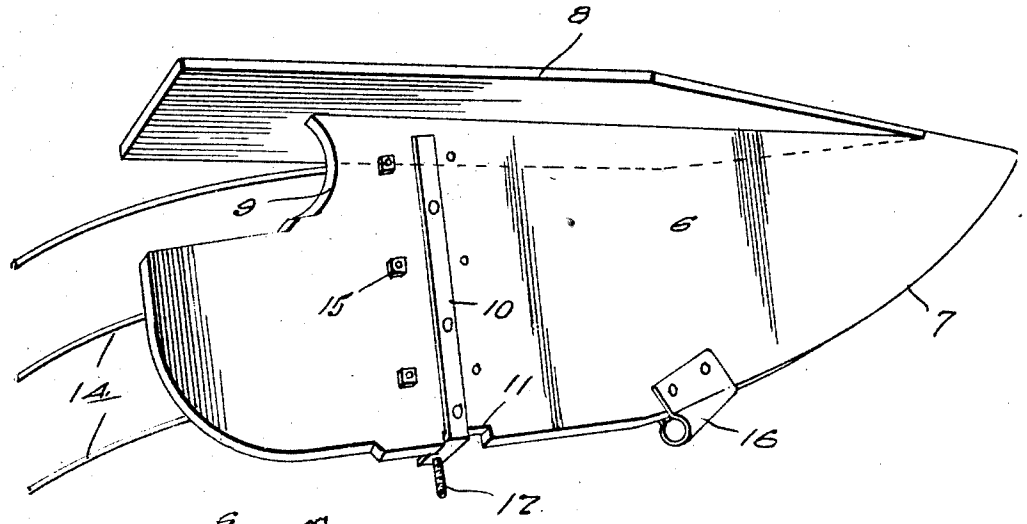


Fig. 2.



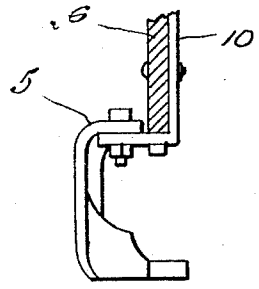


Fig. 3.

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UNITED STATES PATENT OFFICE

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DIVIDER FOR CUTTER BARS

Application filed August 19, 1927. Serial No. 214,112.

The present invention relates to a divider and has for its prime object to provide a structure which may be attached to the outer guard of the cutter bar and provides means whereby when the cutter bar is in operation flax or clover or the like will be separated, there being fingers provided to assist the flax or clover inwardly on the windrower which otherwise would be scattered. In using this attachment the swath board of the mower is removed and the divider placed in lieu thereof.

A still further important object of the invention resides in the provision of a divider of this nature which is simple in its construction, inexpensive to manufacture, strong and durable, and very well adapted to the purpose for which it is designed.

With the above and numerous other objects in view as will appear as the description proceeds, the invention resides in certain novel features of construction, and in the combination and arrangement of parts as will be hereinafter more fully described and claimed.

In the drawing:—

Figure 1 is a side elevation of the divider showing the same mounted on the end of a cutter bar,

Figure 2 is a perspective view of the divider, and,

Figure 3 is an enlarged detail sectional view showing the manner in which the divider is attached.

Referring to the drawing in detail it will be seen that the numeral 5 denotes an ordinary cutter bar to which this device is to be attached. The device comprises the divider board 6 which is adapted to be vertically disposed and has its forward under edge bevelled upwardly as is indicated at 7. A plate 8 is disposed on the upper edge thereof so as to have its longitudinal median dimension along the upper edge of the board and the upper rear corner of the board is cut away as is indicated at 9 and the plate extends over this cutaway portion. A strap 10 is secured to one side of the board 6 and is bent laterally at the lower end extending through a notch 11 in the lower edge of the board and a bolt 12 is extended through the lateral lower end of the strap 10 and is secured to the cutter bar 5 as is indicated to advantage in Figure 3. A plurality of fingers 14 are secured to the other side of the board 6 by means of bolts and nuts as at 15 or in any other suitable manner and extend beyond the rear edge of the board and are curved laterally to assist in starting the flax or clover inwardly on the windrower.

Another important feature of the invention resides in the provision of a conical-shaped socket 16 on the lower edge of the board 6 for receiving the forward extremity of one of the fingers of the cutter bar as is illustrated clearly in Figure 1.

It is thought that the construction, utility, and advantages of this invention will now be quite apparent to those skilled in this art. The present embodiment of the invention has been disclosed in detail merely by way of example, since in actual practice it attains the features of advantage enumerated in the statement of the invention and the above description. It will be apparent that changes in the details of construction, and in the combination and arrangement of parts may be resorted to without departing from the spirit or scope of the invention as hereinafter claimed or sacrificing any of its advantages.

Having thus described our invention, what we claim as new is:—

A divider of the class described comprising a vertically disposed board having its forward under edge curved upwardly and forwardly, a plate disposed on the upper edge of the divider board with its longitudinal median coincident with said upper edge, the upper rear corner of the board being cutaway, a plurality of vertically spaced fingers secured to one side of an intermediate por-

tion of the board and extending rearwardly beyond the rear end thereof and curved laterally, a strap secured to the other side of the board and having its lower end bent laterally through a notch in the lower edge of the board for attachment to the usual cutter bar of a harvester.

In testimony whereof we affix our signatures.

KNUT E. HEI.
MARTIN E. HEI.