H. W. AVERY.

SEAT FOR HARVESTERS OR THE LIKE.

(Application filed May 8, 1901.)

(No Model.)

Fig. 1.

Fig. 2.

Fig. 3.

Witnesses,

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SEAT FOR HARVESTERS OR THE LIKE.

SPECIFICATION forming part of Letters Patent No. 633,634, dated October 1, 1901.
Application filed May 8, 1901. Serial No. 59,205. (No model.)

To all whom it may concern:

Be it known that I, HENRY W. AVERY, a citizen of the United States, residing at Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain new and useful improvements in Seats for Harvesters or the Like, (Case B,) of which the following is a full, clear, and exact description, reference being had to the accompanying drawings.

This invention relates to pressed-steel seats such as are used on various agricultural machines, as harvesters, cultivators, hayrakes, &c.

Its object is to provide a seat which while being simple in construction shall have the metal disposed where it is most needed, so that an equally strong and durable seat may be made from less material, thereby reducing the cost.

These seats are commonly supported centrally on a suitable spring-bar, and the tendency to break comes at the center portion adjacent to the support. To strengthen the seat at this point, it has been customary to corrugate it; but as in stamping seats of sheet metal it is impracticable to have the original sheet thicker at one point than another, the whole seat has been made heavier than is necessary, so as to have the right thickness for this center portion. The present invention is designed to overcome this, providing a simple, efficient, and reinforcing-plate at the center which shall so strengthen the seat at this point that the total weight of the seat and the reinforcing may be less than the corrugated seat alone. I secure the reinforcing to the seat by suitably-disposed rivets, while in order to prevent the seat turning on its supporting-bar without employing additional members I integrally depress the reinforce to form a downwardly-extending stop for the supporting-bar. This stop is preferably made of dents made in the under side of the reinforce, which dents on the under side engage the bar and limit the position of the seat thereon. The invention consists of a seat so arranged and constructed.

The drawings show my improved seat.

Figure 1 is a bottom plan of the seat and its supporting-bar. Fig. 2 is a vertical sec-


UNITED STATES PATENT OFFICE.

HENRY W. AVERY, OF CLEVELAND, OHIO, ASSIGNOR TO THE AVERY STAMPING COMPANY, OF SAME PLACE.

As shown in the drawings, the seat proper is designated A. It is stamped from a single piece of sheet metal into desirable form. Its center portion C is flat, as shown. Directly beneath this center portion is a reinforcing-plate B, which is preferably circular. This reinforcing-plate is made of sheet metal and has in its upper surface dents b, which there-