

ANTI-DEBRIS SHIELD FOR PLANTING MACHINE

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An anti-debris shield was designed to protect the planting machine operator from flying debris. Sharp bits of debris are common on most planting areas and are particularly serious hazards on cutover areas being reforested. These sharp bits of debris, such as tops, branches, etc., fly from the coultter bracket back under the safety canopy. If the debris falls with enough force, as it often does, the operator could be injured.

The anti-debris shield is attached to the front of the machine frame. This area is the point of entry for debris (fig. 1). This shield was made from five pieces of Y8-inch steelplate welded together and bolted to

homemade brackets. The brackets were bolted to braces welded across the front of the frame of the Lowther T. M. Model planter.

Use of this shield prevents serious accidents. Sharp objects propelled up around the planting shoe are prevented from inflicting a serious abdominal injury. Also, man-hours of work are saved. Last fall during planting operations, this device was tested and found satisfactory.

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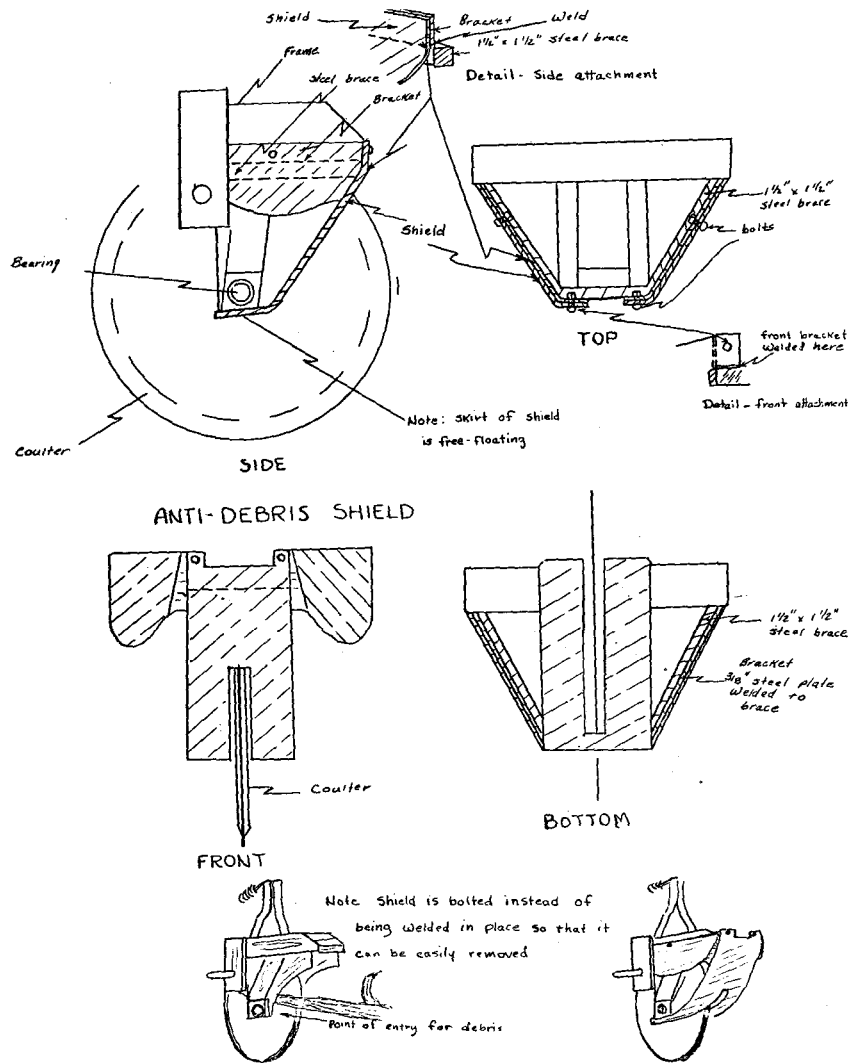


Figure 1.—The antidebris shield is shown.