

## A TREE PLANTING ATTACHMENT FOR A TRACTOR

In order to hasten the planting of trees, the attachment for a Ford or similar type tractor was devised by farmers and the Soil Conservation Service in Western New York.

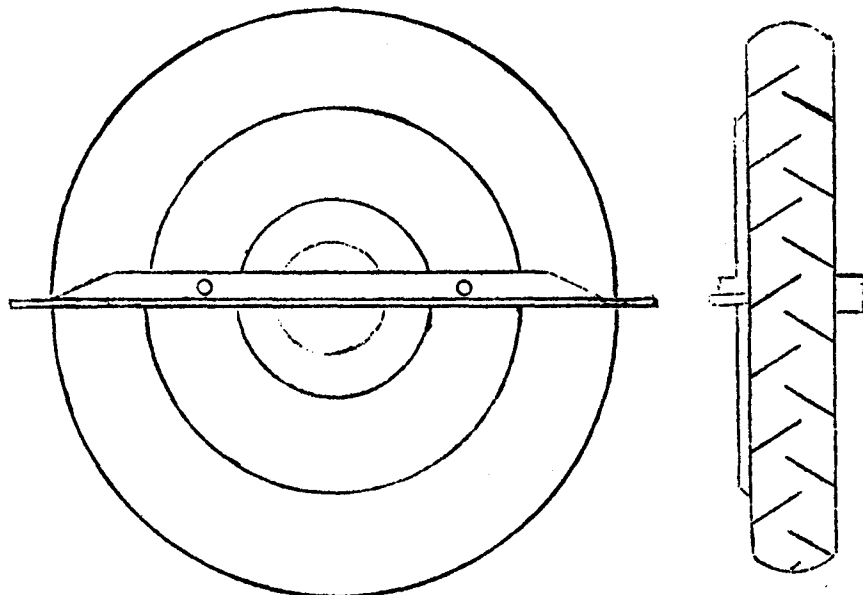
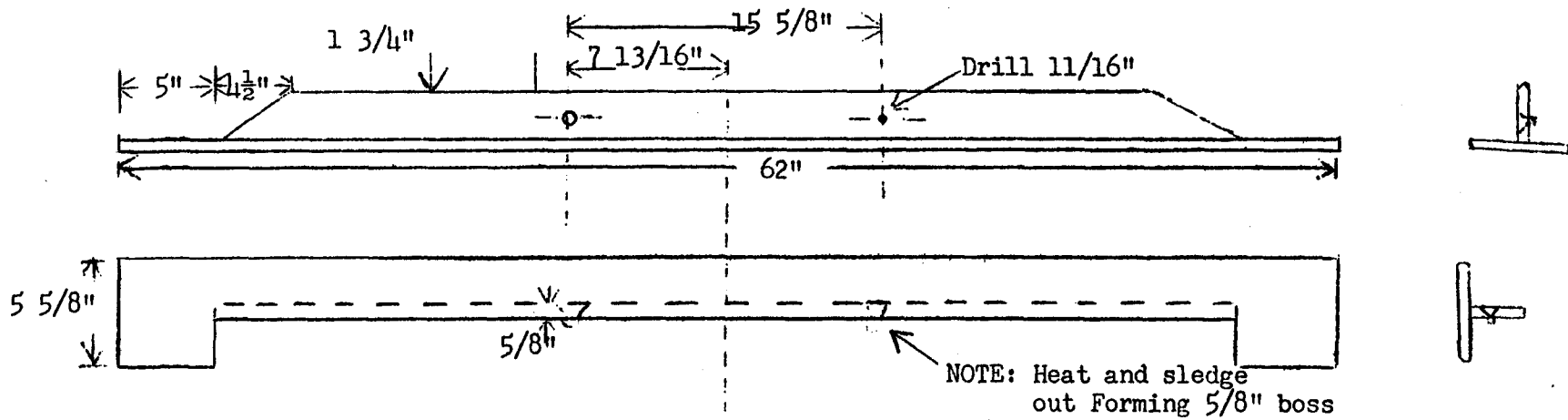
One of the features of this planting aid is the small expense involved. Three-inch by three-inch by five-eighth-inch angle iron weighs 7.2 pounds per foot; thus the 62" piece weighs 37.2 pounds. New angle iron costs approximately 7 cents per pound or about \$2.60 for the material. If second hand material is used, of course, the cost is less. It takes a blacksmith less than a hour to make the attachment. Thus the cost would be less than \$5.00.

Using the Ford type tractor with wheels set at 52" tread, attach the implement to one wheel. Since the circumference of the wheel is 12 ' the spacing within the row is thus 6'. If 6' is desired between the rows, the free wheels are held close to the previously dug row. Wider spacing can, of course, be made if the free wheel is held further from the dug row, using a space bar. The attachment may be varied to fit other tractors.

The attachment works well in stony soil, and on slopes that tractors can traverse easily or on quite rough ground, if desired. The sod is rolled back and holes 6" deep and deeper are dug. The holes dug have vertical backs and the seedlings are planted, using the loose soil thrown up around the hole.

The American Pulpwood Association, 220 East 42 nd St. has available a mimeo describing a "Folding Spudder for Tree Planting". This Release No. 228 and may be obtained by writing to the above address.

Caution: During dry weather it would be well to plant up the holes quite rapidly after they are dug, since dry soil in contact with the roots will cut down the survival materially. Be sure the soil is tamped firmly with the heel. Slopes of more than 50 per cent are not suited to planting with the tractor.



TREE PLANTING ATTACHMENT

One Piece Construction:

Material - 1 piece 3"x3"x $\frac{3}{8}$ " angle

NOTE: Attachment dimensions must be varied to fit other tractors.