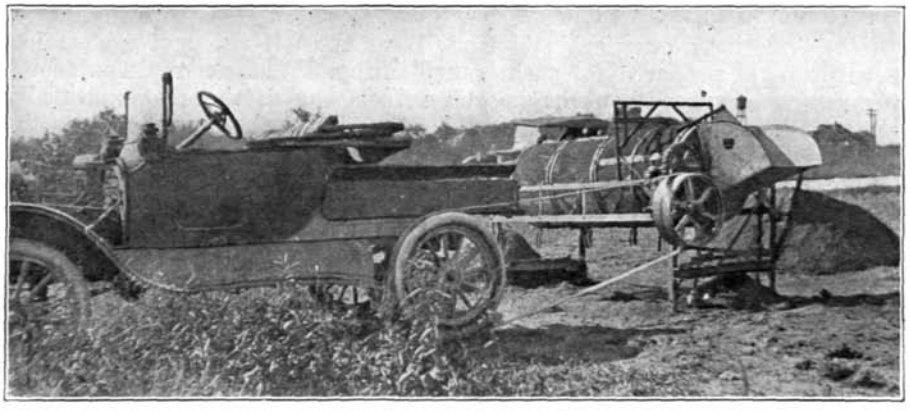
Power Transmission Direct from Automobile Wheel



Automobile Driving Revolving Screen

This illustration is furnished by Dr. J. L. McBride, Chairman of the Grounds Committee, Shannopin Country Club, Pittsburgh, Pa. It shows the method devised by the greenkeeper of the club for obtaining power from an automobile engine for driving his revolving screen. Dr. McBride writes that the back wheel of the automobile is blocked up and the transmission belt connected directly with the pneumatic tire of the automobile. The revolving screen in the illustration has been operated in this manner half a day without stopping and without the engine of the automobile heating.

Transplanting Trees

By F. L. MULFORD, *Horticulturist, U. S. Department of Agriculture*

Deciduous shrubs and trees are ordinarily moved when dormant or from a little before the leaves drop in the autumn until growth starts in the spring. With extra care they may be moved at other times. In the eastern half of the United States they may be moved either fall or spring, whenever the ground is not too wet. On the Pacific Slope fall is best, because there is a longer time for roots to form before hot, dry weather comes. In the colder parts of the intermediate region spring transplanting only should be attempted unless it is possible to water the plants thoroughly in the fall, to mulch them to prevent the ground from freezing as deep as the roots extend, and to protect the tops by wrapping or boxing so that the winter winds will not dry them out. In the warmer sections of the intermediate region, the longer before hot weather the planting is done, the better, provided ample water can be supplied. The secret of successful transplanting is getting a good root growth started before top growth makes too heavy a demand upon the roots. In cool, moist climates there is not the same care demanded as in warmer or drier ones.

Evergreen plants are moved at such times as root growth is most likely to take place rapidly. This is necessary, because these plants are constantly covered with foliage demanding moisture for evaporation, and this must be supplied or the plant dies. For this reason, too, these plants must be moved with earth about the roots or, as it is called by nurserymen, with a "ball." The time for doing this in spring is when the growth of the