

## IMPROVED HARVESTING METHODS

### EQUIPMENT SURVEY NOTES

#### PRELOADING DETACHABLE TRUCK BODY

A method of lowering and loading logs on a detachable truck body as the logs are skidded in has been developed in the Northeast (fig. 1). The following description of it is supplied by the Northeastern Forest Experiment Station.

Tractors with sulkies pass over a divided ramp (fig. 2) and the logs are lowered between the ramp tracks to a detachable truck body (fig. 3).

When the load is assembled and chained up, the loaded truck body is transferred sideways off the ramp bunks and to the truck bunks with power-driven transfer chains (figs. 4 and 5). Power to drive the chains on the truck and ramp bunks is supplied by the truck motor through the power takeoff, bevel gears, sprockets, and a chain (fig. 1). The transfer chains are also used to unload the detachable truck body.

Although this system was developed and used in a mountainous area, its ingenious features suggest applications elsewhere.



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Figure 1.--Truck unit showing loading mechanism.



Figure 2.--Divided ramp and detachable truck body ready for loading.

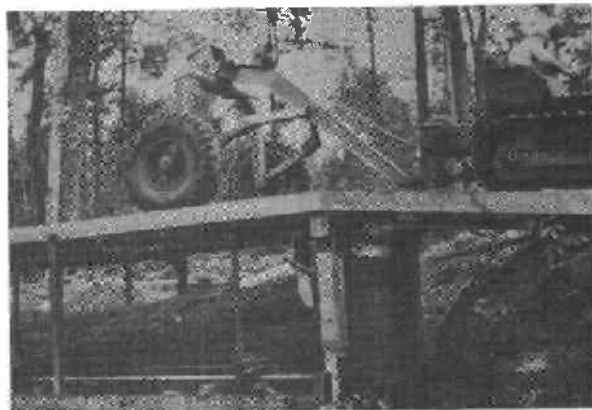


Figure 3.--Loading logs on the truck body.



Figure 4.--Loading the detachable truck body.



Figure 5.--Loaded truck ready to leave.

Photographs provided by the Robinson Wood Turning Co., St. Johnsbury, Vt.