

IMPROVED HARVESTING METHODS

EQUIPMENT SURVEY NOTES

IMPROVED LOG LOADING TONGS

Improved tongs that can be unhooked from a log by either the loader operator or a man on the ground have been developed and are in use in northern Minnesota. This device reduces the accident hazard and need for a top loader. It also makes it possible for a farmer logger to load logs alone or with, at most, one helper.

To the upper end of one tong, an arm with an eye is welded and a pulley attached to the eye (fig. 1). On the lower end of the opposite tong an eye is welded to which a rope is tied. From the tong eye the rope passes through the pulley to the loader operator or the tong setter. A pull on the rope easily unhooks the tongs.

On a two-man operation of loading short logs, the ground man, or tong setter, hooks the tongs at or about the center of the log, and balances the log as it is raised on to the truck. When the log is lowered on the load he releases the tongs and retrieves them without the necessity of climbing the load. Besides reducing danger by eliminating a top loader it reduces the danger and difficulty of retrieving a pair of tongs swinging on the end of a loading line.

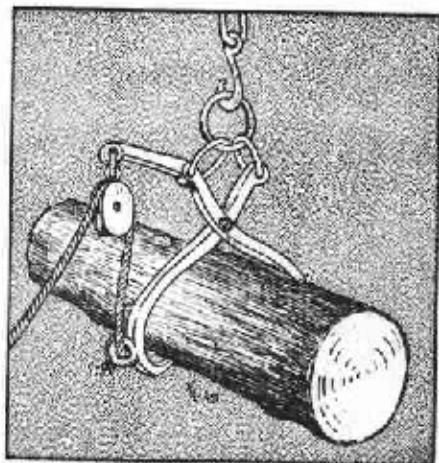


Figure 1.--Improved loading tongs.

E. W. Forbes

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Information furnished by

Z. A. Zasada
Lake States Forest Experiment Station
University Farm
St. Paul, Minnesota



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