

REPORTS ON AWARDS.

GROUP XXIII.

1. Israel L. Landis, Lancaster, Pa., U. S.

DURABLE SAFETY SWINGLE-TREE.

Report.—Commended for the very ingenious arrangement by which the traces can be instantly detached from the swingle-tree of a buggy or any single-horse carriage, and which answers admirably, provided the adjustment of the remainder of the harness allows of the animal getting clear. There must be no breeching straps attached to the shafts, and the tugs must be large and kept in front of the stop. The device consists of a sliding fork at each end of the swingle-tree, acted on by a strap leverage from driver's seat. By pulling the straps the forks slide forward and throw the traces off.

2. Chicago Scraper & Ditcher Co., Chicago, Ill., U. S.

ROAD SCRAPER.

Report.—A strong, useful machine, shod with steel, with adaptable pitch by a chain, and facilities for emptying.

3. Munsell & Dexter, New York, N. Y., U. S.

LEVER JACK.

Report.—Commended for its utility as a farm implement, strong and durable, easily applied, and very powerful as a press and jack for lifting; very simple in construction; operated by means of a lever with two ratchets on the end that works in notched upright; the fulcrum being short gives the operator great power.

4. Huber Manufacturing Co., Marion, Ohio, U. S.

ROAD SCRAPER.

Report.—It revolves on the same plan as their horse-rake; a catch spring holds the box in place; when loaded the spring is released, and by raising the handles the draft of the horse carries over and upsets the box. The bottom of the box is of steel strongly riveted to iron sides. This is a strong, handy machine, reasonable in price.

5. Milburn Wagon Co., Toledo, Ohio, U. S.

FARM, PLANTATION, AND FREIGHT WAGONS.

Report.—Commended as being well made, of the best timber, and thoroughly ironed; the bolster plate particularly large, level, and strong; wheels strong and substantial, the wooden axles having powerful and well-adjusted skeins.