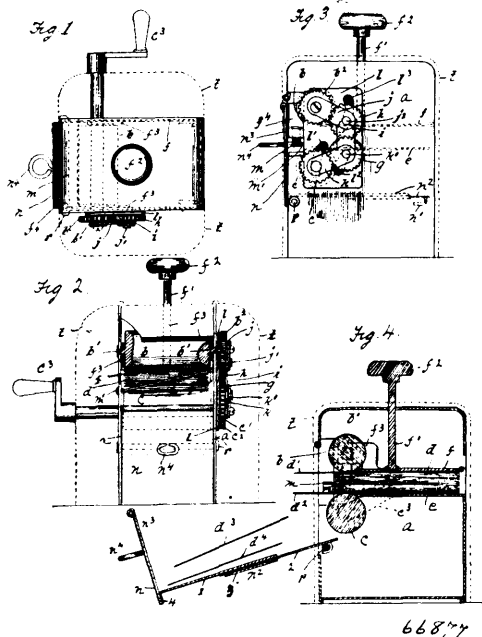


be fed at a time from the pack. 2nd. In a card shuffling machine, the combination with the stationary portion of the machine, and



two suitably operated feed rolls arranged to feed cards simultaneously from the top and bottom of a pack of cards placed between them of a vertically tilting stop forming bar arranged at the delivering side of the rolls and between the top and bottom and diagonally of the space occupied by the pack of cards, which bar is supported from machine's stationary portion and is connected to and tiltable with the shifting of the upper roll and has such arrangement relative to the rolls that it shall form a stop or abutment for all of the cards of the pack except the limited number desired to be fed at a time from the pack. 3rd. In a card shuffling machine, the combination of two feed rolls arranged one above and shiftable relative to the other, such an operative connection between the rolls as will render the rolls capable of turning simultaneously but in opposite directions, respectively, and remaining operatively connected with each other during the shifting of the upper roll relative to the lower roll, and means for positively limiting the number of cards capable of being fed from between the rolls at one time. 4th. In a card shuffling machine, the combination with suitably operated feed rolls arranged one above the other, a table arranged at the receiving side of the rolls slightly below the top of the lower roll, a vertically shiftable plate or follower above the table and carrying the upper roll, and means for obstructing the feed of all cards, of a pack of cards interposed between the rolls except the limited number desired to be fed at a time from the pack. 5th. In a card shuffling machine, the combination with the stationary portion of the machine, and two suitably operated feed rolls arranged to feed cards simultaneously from the top and bottom of a pack of cards placed between them of a stop forming bar arranged at the delivering side of the rolls and diagonally of the space occupied by the pack of cards, which bar is hinged, pivoted or fulcrumed at one end to the stationary portion of the machine, and connected, at its opposite end, with the upper roll, and has such arrangement, relative to the rolls, that it shall form a stop or abutment for all of the cards of the pack except the limited number desired to be fed at a time from the pack. 6th. A card shuffling machine, comprising two standards arranged a suitable distance apart, a two-sided V-shaped receptacle having the arrangement and dimensions required to render it capable of being slid into the space between the standards, and means for holding a pack of cards and feeding a limited number from the pack at a time to the aforesaid receptacle.

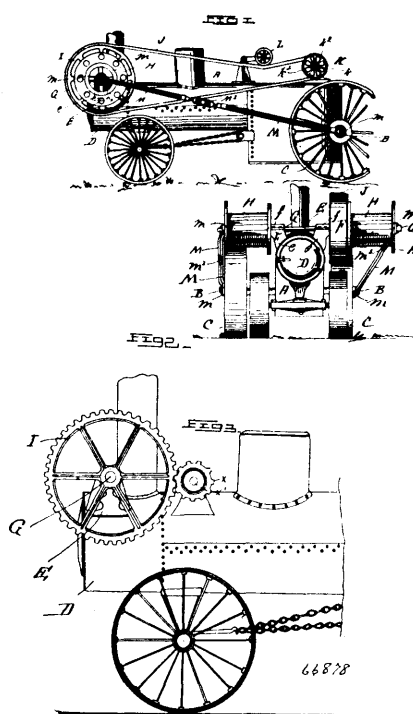
#### No. 66,878. Traction Engine Drum.

(Tambour de machine de traction.)

Abram L. Adams, Breakman, Ohio, U.S.A., 2nd April, 1900; 6 years. (Filed 19th March, 1900.)

*Claim.*—1st. The combination with a traction engine having a horizontal boiler casing or smoke box, of a saddle plate secured thereto and provided with a bearing bracket, a windlass shaft mounted in said bracket and extending to the sides thereof, and brace rods connecting the ends of said windlass shaft with a part of the traction engine. 2nd. The combination with a traction engine having a horizontal boiler casing or smoke box, of a saddle plate secured thereto, a bearing bracketed on said saddle plate, a windlass shaft journaled in said bearing bracket and extending to each side

thereof, a drum on said shaft, a driving means for said shaft, and brace rods, one on each side of the traction engine and coupling



the ends of said windlass shaft to the ends of the axle of the traction engine, substantially as described. 3rd. The combination with a traction engine having a horizontal boiler casing or smoke box, of a saddle plate secured thereto, a bearing bracket on said saddle plate, a windlass shaft journaled in said bearing bracket and extending to each side thereof, a drum on said shaft, a driving means for said shaft, and brace rods adjustable in length, one on each side of the traction engine and coupling the ends of said windlass shaft to the ends of the axle of the traction engine, substantially as described. 4th. The combination with a traction engine having a crank shaft, a bearing bracket for the windlass shaft, a windlass shaft mounted in said bearing bracket, a drum thereon, a drive pulley or wheel on said windlass shaft, a drive connection from said pulley or wheel to a pulley or wheel on said crank shaft, and means for locking said pulley or wheel to or releasing it from said crank shaft, substantially as described.

#### No. 66,879. Improvements in Grass and Stubble Burner.

(Appareil à brûler l'herbe et le chaume.)

Daniel Morrison, Maple Creek, North-west Territories, Canada, 2nd April, 1900; 6 years. (Filed 19th March, 1900.)

*Claim.*—1st. A grass and stubble burner, comprising a bottomless enclosing structure having fire-proof curtains at the sides and adapted to be moved over the ground, and a flexible weighting device, as a chain, secured to the bottom of the curtains, substantially as described. 2nd. A grass and stubble burner, comprising a bottomless enclosing structure having fire proof curtains at the sides and adapted to be moved over the ground, a flexible weighting device, as a chain, secured to the bottom of the curtains, and a fan at the rear discharging forwardly upon the grass, substantially as described. 3rd. A grass and stubble burner, comprising a bottomless enclosing structure having flexible fire-proof curtains at its sides and adapted to be moved over the ground, a flexible weighting device, as a chain, secured to the bottom of the curtains, a fan at the rear discharging forwardly upon the grass, and fire-setting devices within the forward end of the enclosure, substantially as described. 4th. A grass and stubble burner, comprising a bottomless enclosing structure having flexible fire-proof curtains at its sides and adapted to be moved over the ground, a flexible weighting device, as a chain, secured to the bottom of the curtains, and fire-proof devices within the forward end of the enclosure, substantially as described. 5th. A grass and stubble burner, comprising a frame mounted on wheels to be moved over the ground, curtains adapted to be secured to the frame to form a bottomless enclosure, bars pivoted by their upper ends to the frame and adapted to drag their lower ends upon the ground, said bars being connected at their lower ends with the curtains, and means for securing and maintaining a fire within the enclosure as the device is moved over the ground, substantially as described. 6th. A grass and stubble burner, comprising a frame mounted on wheels to be moved over the ground, curtains adapted