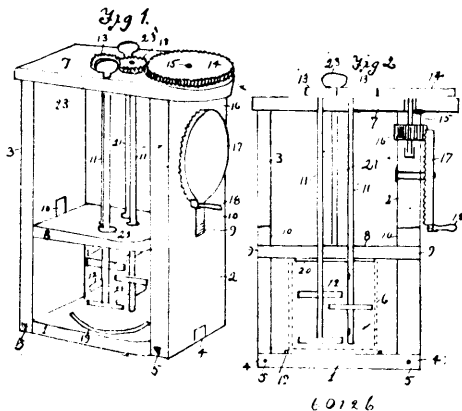


Claim.—1st. A continuous and automatic running-board or walk for the top of freight cars, substantially as and for the purposes hereinbefore set forth. 2nd. A continuous guard rail running the length of the running board less one inch at each end of the car, substantially as and for the purposes hereinbefore set forth.

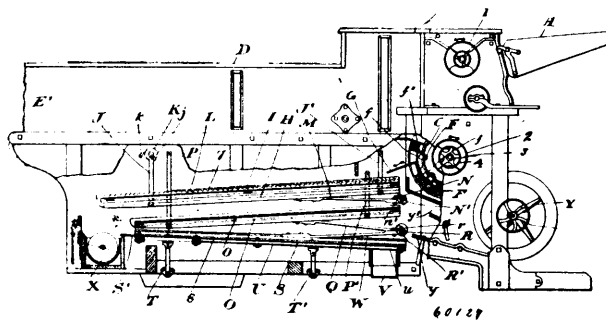
No. 60,126. Churn. (Baratte.)



Martin V. Olinger, Bull Run, Tennessee, U.S.A., 25th May, 1898; 6 years. (Filed 9th May, 1898.)

Claim.—1st. In a churn, the combination of a base having a receptacle-seat, a frame, including connected uprights detachably secured at their lower ends to the base and adapted for vertical displacement, a receptacle lid or cover mounted for vertical adjustment upon the uprights, and adapted to bear upon the upper edge of a churn-receptacle to hold the latter in engagement with said seat upon the base, dashers, and operating mechanism mounted upon the frame, and means, consisting of feed-screws mounted upon the frame, for adjusting the lid or cover, the dashers being vertically removable from the receptacle when the frame is detached from the base, substantially as specified. 2nd. In a churn-motor, the combination of a base having a receptacle-seat, and provided with terminal extensions or tongues, a frame including connected uprights provided at their lower extremities with bifurcations to receive said extensions or tongues of the base, and adapted for vertical displacement, means for detachably securing the bifurcations in engagement with aid extensions or tongues, a receptacle lid or cover mounted for vertical adjustment upon the uprights, and adapted to bear upon the upper edge of a churn-receptacle, dashers, and operating mechanism mounted upon the frame, and means, consisting of feed-screws mounted upon the frame, for adjusting the lid or cover, substantially as specified.

No. 60,127. Clover Huller. (Appareil à vanner le trèfle.)

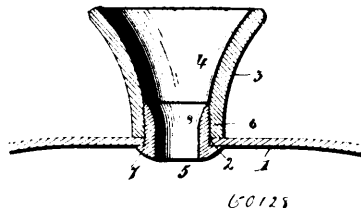


John Abell, Toronto, Ontario, Canada, 25th May, 1898; 6 years. (Filed 9th May, 1898.)

Claim.—1st. In a clover hulling machine, the combination of the upper screen H, perforated top I, serrated strips L, adjustable hangers J, hangers J', and means for independently reciprocating the upper screen H, substantially as described and for the purpose specified. 2nd. In a clover hulling machine, the combination of the upper screen H, perforated top I, serrated strip L, hangers J, ratchet wheels K, eccentric pins j, pawls k, hangers J', connecting rod M, eccentric N, with pin n', and suitably driven shaft N', substantially as described and for the purpose specified. 3rd. In a clover hulling machine, the combination of the upper screen H, perforated top I, serrated strips L, rubber strips l, discharge board G, hangers J, ratchet wheels K, eccentric pins j, pawls k, hangers J', connecting rod M, eccentric N, with pin n', and shaft M' substantially as described and for the purpose specified. 4th. In a clover hulling machine, the combination of the upper screen H, on to which the seed and seed pods are discharged from the hulling cylinder by

the discharge board G, perforated top I, serrated strips L, and rubber strips l, hangers J, ratchet wheels K, eccentric pins j, pawls k, hangers J', connecting rod M, eccentric N, with a pin n', shaft N', middle-screen O, wire netting o, hangers P, P', connecting rod Q, eccentric R, with pins r, shaft R', lower screen S, wire netting s, rubber strip s', ledge S', pivoted supports T, T', connecting rod W, table U, with opening u, chute V, conveyor X, fan Y, and air passages ways w, w', the whole being operated, substantially as described and specified. 5th. In a clover hulling machine, and in combination with the threshing cylinder and separating screens thereof, an independently supported and driven upper screen on to which the threshing cylinder is arranged to discharge. 6th. In a clover hulling machine, and in combination with the threshing cylinder and separating screens thereof, and independently and adjustably supported and driven upper screen on to which the threshing cylinder is arranged to discharge.

No. 60,128. Cover for Vessels. (Couvercle de vaisseaux.)

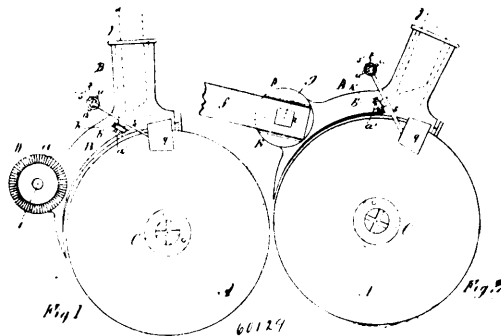


Elisé Bouchard, Kamouraska, Quebec, Canada, 25th May, 1898; 6 years. (Filed 7th May, 1898.)

Claim.—1st. A cover for cooking and other vessels, comprising a lid having a central opening for the passage and escape of steam, substantially as described. 2nd. A cover for cooking and other vessels, comprising a lid having a central opening and a cup secured over said opening, said cup having an opening communicating with said central opening to permit of the escape of steam from the vessel, substantially as described. 3rd. A cover for cooking and other vessels, comprising a lid having a central opening, a plug, having a stem and also having a central opening mounted in said opening in said lid, and a flared cup mounted on said lid and secured to said plug, said cup having a flared opening communicating with said opening in said plug, substantially as described.

No. 60,129. Seed-Drill Disc-Shoe.

(Sabot de disque pour semoir en ligne.)



William Stephenson, Morris, Manitoba, Canada, 25th May, 1898; 6 years. (Filed 7th May, 1898.)

Claim.—1st. In combination with a seed-drill disc-shoe, a projection formed integral with or attached to a grain-spout or standard, constructed with corrugations on its sides, and castings or washers formed with corresponding corrugations to engage therewith on each side respectively, and projecting ribs on the outer side of said castings or washers to form a bed to receive the ends of draw-bars, all the parts to be secured together by a bolt made to pass through each part and tightened by a nut, all constructed and arranged substantially as and for the purpose specified. 2nd. The levers s s of the side scrapers are constructed with a pin m attached to the lower end of each lever to pivot t to the lugs r r of the scrapers q q, a central pivot pin a' to pivot the lever to the lugs h on the grain spout, a bent arm s on the upper end of one of the levers s constructed with projections u u to pass between the coils of a surrounding spring t, and the opposite lever s constructed with a flat point u to receive the other end of the spring t to hold it from turning, by which the tension of the spring on the levers may be adjusted at will by turning it to suit the pressure of the side-scrapers on the discs as desired, substantially as and for the purpose specified. 3rd. The projection D, formed on the grain-spout B or standard, and constructed with corrugations a on both sides, and a bolt opening c through it, and castings or washers E formed on the