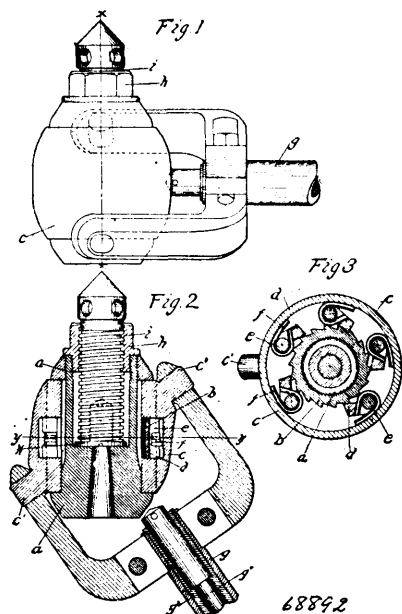


No. 68,892. Mechanical Movement.
(*Mouvement mécanique.*)



Harvey D. Williams, Washington, District of Columbia, and
Horace G. Hoadley, Waterbury, Connecticut, U.S.A., 4th
October, 1900; 6 years. (Filed 7th November, 1899.)

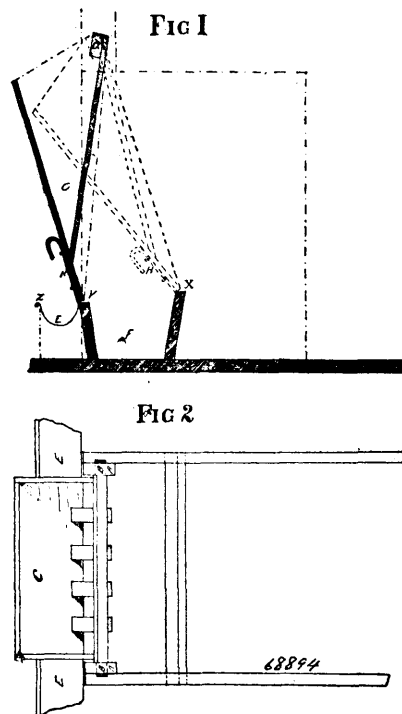
Claim.—1st. In combination the central rotary shaft, the sleeve surrounding said shaft and adapted to rotate thereon, the rotary ratch and co-operating pawl or pawls intermediate of said shaft and sleeve, and the lever pivotally attached to said sleeve by trunnions diagonally located with respect to the axis of said sleeve, all substantially as described and for the purposes set forth. 2nd. In combination the central rotary shaft, the sleeve surrounding said shaft and adapted to rotate thereon, the rotary ratch and co-operating pawl or pawls intermediate of said shaft and sleeve, the lever pivotally attached to said shaft by trunnions diagonally located with respect to axis of said sleeve, and the feed screw with its co-operating nut, all substantially as described and for the purposes set forth. 3rd. In combination the central rotary shaft, a plurality of sleeves surrounding said shaft and adapted to rotate thereon, the corresponding plurality of rotary ratches and co-operating pawl or set of pawls interposed between said shaft and said sleeves, and the lever pivotally attached to a plurality of said sleeves, one of said sleeves being connected by bifurcation pivotally attached to said sleeve and to said lever, all substantially as described and for the purposes set forth. 4th. In combination the central rotary shaft, carrying the circular ratch on its exterior, and an interiorly chambered sleeve surrounding said shaft adapted to rotate thereon, and the spring-pressed pawl or pawls pivotally hung to said sleeve within said chamber, and the lever pivotally attached to said sleeve by diagonally placed trunnions, all substantially as described and for the purposes set forth. 5th. In combination the central rotary shaft, the sleeve surrounding said shaft and adapted to rotate thereon, the ratchet intermediate of said shaft and sleeve, the plurality of pawls arranged in an annular chamber in said sleeve and adapted to engage the ratchet teeth at separate times or intervals, and the lever pivotally attached to said sleeve by diagonally placed trunnions, all substantially as described and for the purposes set forth. 6th. In combination the central rotary shaft, a sleeve containing an internal annular chamber surrounding said shaft and adapted to rotate thereon, the rotary ratch and co-operating pawl or pawls intermediate of said shaft and sleeve and located within said chamber, and a lever pivotally attached to said sleeve by diagonally placed trunnions adapted to give rotation to said sleeve, all substantially as described and for the purposes set forth. 7th. In combination the central rotary shaft, with the vibratory lever pivotally attached thereto on an axis at other than right angles to the axis of said shaft, all substantially as described and for the purposes set forth. 8th. In combination the rotary shaft, the bearing handle for that shaft, and the vibratory lever pivotally attached to said rotary shaft on an axis at other than right angles to the axis of shaft, all substantially as described and for the purposes set forth. 9th. In combination the bearing handle, the reversely off-set rotary shaft and the vibratory lever pivotally attached to said shaft on an axis at other than right angles to the axis of said shaft, all substantially as described and for the purposes set forth.

No. 68,893. Rubber Substitute.
(*Substitut pour caoutchouc.*)

William Prampolini, San Luis Potosa, Mexico, 4th October, 1900;
6 years. (Filed 25th January, 1900.)

Claim.—1st. The process of preparing a substitute for rubber, which consists in comminuting the shrub called "Synantheroeas-Mexicanas," known also by the Indian names of "Yule," "Copalin," "Yerba del Negro," "Guayule," "Jiguhite" and "Hule," and treating the comminuted shrub with a volatile hydrocarbon solvent. 2nd. A new composition of matter for use as a substitute for India rubber consisting of the gummy matter of the shrub called "Synantheroeas-Mexicanas," known also by the Indian names of "Yule," "Copalin," "Yerba del Negro," "Guayule," "Jiguhite" and "Hule," said gummy matter being combined with the residue of a volatile hydrocarbon solvent, substantially as herein described. 3rd. A new composition of matter for use as a substitute for India rubber consisting of the gummy matter of the shrub called "Synantheroeas-Mexicanas," known also by the Indian names of "Yule," "Copalin," "Yerba del Negro," "Guayule," "Jiguhite" and "Hule," said gummy matter being combined with the residual oil of a volatile hydrocarbon solvent, substantially as described.

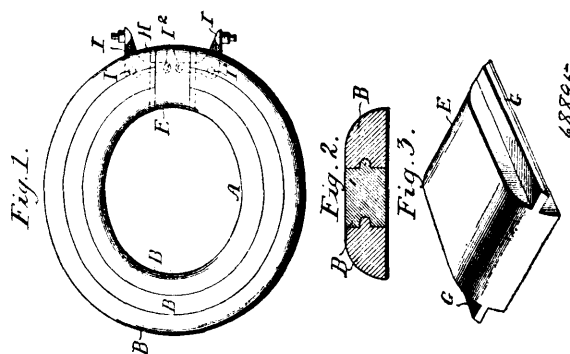
No. 68,894. Live Stock Feeding Rack. (Ratelier.)



Richard Smith, Fort William, Ontario, Canada, 4th October, 1900;
6 years. (Filed 21st May, 1900.)

Claim.—The combination of swinging feed rack, water trough and feed box, all substantially as set forth.

No. 68,895. Water Closet Seat. (Siège de latrines à eau.)



Jonas Herrman, Columbus, Ohio, U. S. A., 4th October, 1900;
6 years. (Filed 11th July, 1900.)