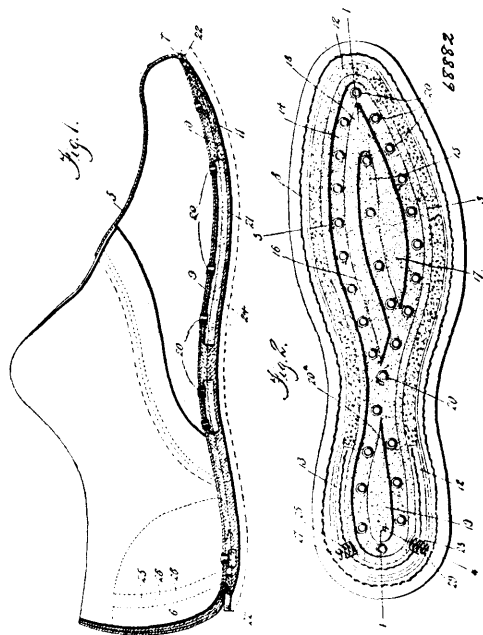


matching grooves formed in their opposing faces, and the lower layer or member of said cork sole overlapping the shoe welt, sub-



stantially as described. 3rd. In a ventilated shoe, a cork sole consisting of two parts having matching grooves formed in their opposing faces, and a lining united to the upper layer of said sole by eyelets which form a plurality of ports, substantially as described. 4th. In a ventilated shoe, a two part cork sole consisting of an upper layer provided with the main and auxiliary channels separated by the partitions 16, 17 and 19, and a lower layer which is applied against said channelled face of the upper layer and overlaps the shoe welt, substantially as described. 5th. In a ventilated shoe, a two part cork sole provided in the opposing faces of its members with the coincident grooves forming the air circulating channels, a lining fitted to the upper face of the upper layer, and eyelets connecting said upper layer and the wall of the lining together, the lower layer of the cork sole arranged to overlap the shoe welt, substantially as described. 6th. In a ventilated shoe, the combination with a welt, of a two part cork sole having its members provided with matching grooves in their opposing faces, the upper sole member being fitted within the welt to leave an intervening space between the opposing edges of the parts, and the lower sole member overlapping said welt, and a packing or filling in the surrounding space between said upper sole member and the welt, substantially as described. 7th. In a ventilated shoe, the combination with a welt, and a channelled sole, of an absorbent packing between said welt and sole, substantially as described. 8th. In a ventilated shoe, the combination of a sole provided with circulation channels, an inlet passage in the shoe counter connected with said ventilating channel, and a reinforcement disposed in said inlet passage and preventing the walls thereof from collapsing, substantially as described. 9th. In a ventilated shoe, the combination of a sole having circulation passages, the inlet and exhaust passages in the counter and communicating with the circulation passages, and a reinforcement consisting of coiled wire disposed in each inlet and exhaust passage, substantially as described.

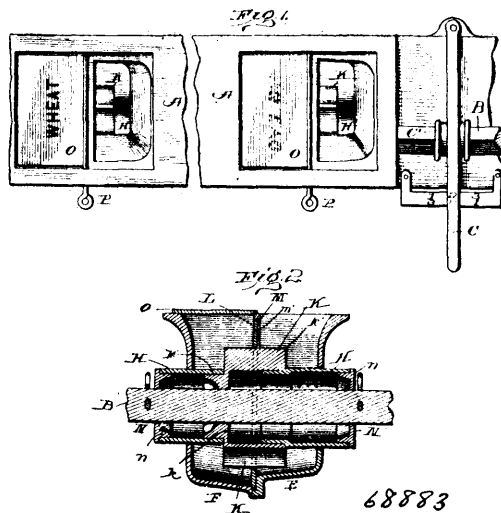
No. 68,883. Feeding Mechanism for Grain Drills.

(Mecanisme d'alimentation pour semoirs.)

Robert Galloway, Buffalo, New York, U.S.A., 2nd October, 1900; 6 years. (Filed 14th September, 1900.)

Claim.—1st. In a grain distributor, the combination with the casing having two seed runs and the dividing wall between said runs, of a single feed wheel adjustably mounted to project into and operate said runs. 2nd. In a grain distributor, the combination with the casing having two seed runs of different sizes, and the partition dividing said runs, of a single feed wheel longitudinally movable from one run to the other, substantially as described. 3rd. The combination with a casing for a seeding mechanism having two runs of different capacities, and a partition dividing said runs, of a feeding wheel adjustable through said partition more or less into either run and means for controlling the longitudinal adjustment of said

wheel, substantially as described. 4th. In a seeding mechanism the combination with a casing having two runs therethrough of different



capacity and a rotary disc constituting a partition between said runs, of a feeding wheel adjustable longitudinally through said partition so as to be projected more or less into either of said runs at will and a controlling mechanism for said feed wheels, substantially as described. 5th. In a double run seeding mechanism the combination with a casing having runs therethrough one of greater capacity than the other, a feeding wheel adjustable longitudinally in said casing so as to operate in either run and a disc constituting the partition between said runs and through which the feed wheel is adjusted, said disc extending to the bottom of the larger run, substantially as described. 6th. In a double run seeding mechanism the combination with the casing having the two runs therethrough, the central rotary disc constituting the partition between said runs and the feed wheel adjustable longitudinally through said disc, of the cut-offs located on opposite sides of the feed wheel and having cut-off wings working through the sides of the casing, substantially as described. 7th. In a double run seeding mechanism, the combination with the casing, the centrally arranged rotary disc constituting the partition between the runs, the feed wheel adjustable through said disc, of the cut-offs located on opposite sides of the feed wheel with co-operating bearings and cylindrical projections for maintaining the alignment of said cut-offs and feed wheel and discs mounted outside of said cut-offs for holding the outer ends of the cut-offs in alignment, substantially as described. 8th. In a double run seeding mechanism the combination with the casing having two seed runs of different sizes, the dividing disc between said runs and the bridge, of a single feed wheel adjustable through said disc, the feed shaft, the cut-offs on either side of the feed wheel and the discs or hubs mounted on the feed shaft and supporting the cut-offs, substantially as described.

No. 68,884. Tongue Socket for Seed Drills.

(Douille pour semoirs.)

William Stephenson, Morris, Manitoba, Canada, 2nd October, 1900; 6 years. (Filed 14th September, 1900.)

Claim.—1st. In combination with a seed drill, a tongue socket consisting of a bracket having a case flange or bed bolted to the tongue and an upper flange or bed, the same bolted to the strap of the hopper, a circular portion secured at each central side of the socket, with an opening in each to receive the horizontal shafts, a collar on the inner end of each shaft, between the discs, a bolt opening through the centre of each collar and a bolt opening a short distance from the centre in each collar for the shafts and collars to be secured by bolts, all constructed substantially as and for the purpose specified. 2nd. In combination with a seed drill, a tongue socket A, the same constructed with upper and lower flanges a c and bolted to the tongue B, and strap h, of the hopper C, sides DD attached to the socket or cast with it and provided with openings m, for the ends of the shafts n circular collars EE placed between the sides DD having central openings to receive the extreme inner ends of the shafts nn and be secured thereto by a bolt in the centre of each, or a slight distance from the centre, for variation of wear, all constructed, substantially as and for the purpose specified. 3rd. In a drill shed the combination of the tongue socket A provided with openings b f sides DD with central openings, collars EE having central bolt openings p q shafts nn made to pass through the sides