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## RECORD




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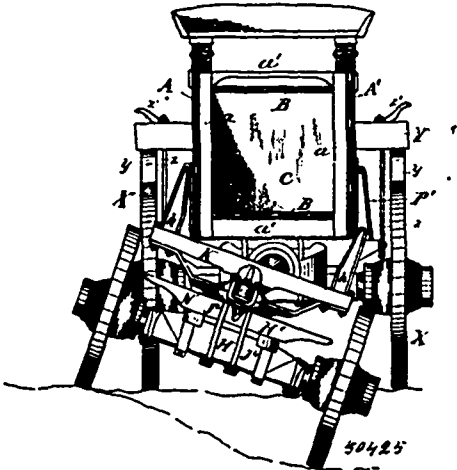
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### INVENTIONS PATENTED.

NOTE.—Patents are granted for 18 years. The term of years for which the fee has been paid, is given after the date of the patent.

No. 50,425. Wagon. (Wagon.)



Frank Slough Ingoldsbly, Denver, Colorado, U.S.A., 2nd November, 1895; 6 years.

*Claims.* 1st. In a wagon body, the combination of the sides, with the following parts secured at both ends thereof as described, viz., a rectangular frame placed between said sides near their ends, two transverse tie rods for holding said sides against said frame, a transverse beam  $a^2$ , extending between the sides at a point near their lower edges and nearer to the centre of the body than said rectangular frame, a transverse tie rod passing through both sides and through said beam  $a^2$ , lengthwise, and an inclined end piece C, which lies snugly between said sides and is fastened to said beam  $a^2$ , and to the upper transverse member  $a^1$ , of the rectangular

frame, substantially as and for the purpose specified. 2nd. In a wagon body, the combination of the sides and a longitudinally placed centre pole, with the following parts secured to both ends of the sides as described, viz., a rectangular frame secured between the sides near their ends, two transverse tie rods for holding said sides against said frame, the divided transverse beam  $a^2$ , the parts of which lie between the centre pole and the opposite sides, a transverse tie rod which passes through the centre pole, the two part beam  $a^2$ , and both sides, and an inclined end piece C, which lies snugly between the sides and is fastened to the beam  $a^2$ , and to the upper transverse members of the rectangular frame, substantially as and for the purpose specified. 3rd. In a wagon body, the combination of the sides, the ends, and longitudinal centre pole, all having outwardly bevelled lower edges, with two doors hinged to the centre pole, and adapted to fit the spaces bounded by said pole, sides and ends, and having their edges bevelled outward from top to bottom, and mechanism adapted to draw said doors up against the sides and the sides inward against the doors, substantially as and for the purpose specified. 4th. In a wagon box, the combination of the sides, the ends, and the longitudinal centre pole, with doors hinged to said centre pole, and adapted to close the spaces bounded by said pole, sides and ends, with straps secured to the doors and extending beyond their outer edges, bevelled projections on the ends of said straps adapted to engage outside of the levers G, levers G pivoted to the sides and having bevelled projections on their lower ends adapted to engage beneath said straps, whereby said straps and levers engage to form a double clamping lock which draws the doors upward and the sides inward, substantially as and for the purpose specified. 5th. In a wagon body, the combination of the sides, the ends and the centre pole secured together, swinging doors adapted to close the spaces bounded by said sides, ends and pole, straps passing over and partly around said pole and having their ends below the pole and formed into hinge eyes, bolts or rivets connecting said two ends of each of said straps just above said hinge eyes, and hinge straps secured to the under side of the doors having eyes which are pivoted to the eyes first named, substantially as and for the purpose specified. 6th. In a wagon body, the combination of the sides, the ends and the centre pole secured together, with vertical straps secured to the sides and having their upper ends bent over onto the top edges thereof, straps  $d$  passing over and partly around the centre pole and being connected near their lower ends by a bolt or rivet, the ends of said straps being extended below said centre pole and formed into hinge eyes, the doors E, straps  $e$  secured to their under side and projecting beyond both edges thereof, the inner ends being formed into hinge eyes which are pivoted to the eyes in straps  $d$ , the outer ends of said straps  $e$  having bevelled projections  $e^2$ , levers G pivoted to the vertical straps on the sides and having on their lower ends bevelled projections  $g$  which interlock with the bevelled projections  $e^2$ , substantially as and for the purpose specified. 7th. In a wagon body, the combination of the sides, the ends and the centre pole, all having their lower edges bevelled outward, with doors hinged to the centre pole and having their edges bevelled outward from top to bottom, straps secured to the said doors and extending beyond their outer edges, and bevelled projections on said extended ends adapted to engage with the levers G, vertical straps secured to the sides having their upper ends bent over onto the upper edges of said sides, and having integral cylindrical projections near their lower ends, levers G pivoted on said cylindrical projections and having on their lower ends bevelled projections which are adapted to engage with the projecting ends of the straps on the doors, substantially as and for the purpose specified. 8th. In a wagon, the combination of a wagon box, and bolster, with a transverse brake beam movable in guide slots, brake shoes carried by said beam and adapted to press against the wheels, and a compound lever system for operating the brake beam, of which