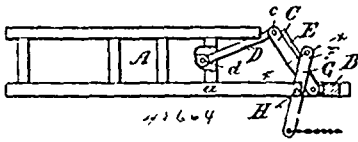


secured to the draw-head and extended through holes in said cross-bar, substantially as described. 7th. In a car coupling, the combination of a draw-head, a slide therein to support the coupling-pin in position for coupling, an outer slide to support the pin wholly outside of the mouth of the draw-head, fingers projecting through the draw-head into the path of movement of the outer slide and adapted to engage said outer slide and move it from beneath the coupling-pin, arranged to descend through the draw-head in line with the said slides, substantially as described.

No. 45,664. Hay Press. (Presse à foin.)

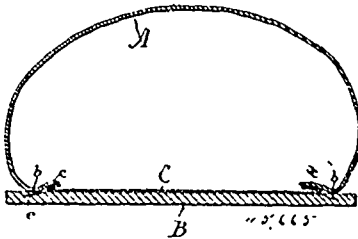
Fig. 1.



Hubert Trefle Chalfoux, St. Hyacinthe, Quebec, Canada, 2nd April, 1894; 6 years.

Claim.—The combination, with the box and plunger of a hay press, of the pitman D, pivoted to the said plunger, a link pivoted at one end of the said pitman and at the other end to a cross piece, joining the prolonged sills a of the said box, the wedge shape piece E bolted to the said link, the bifurcated double lever G, pivoted between said sills a, the roller F, journaled in the upper end of the said lever G, substantially as set forth.

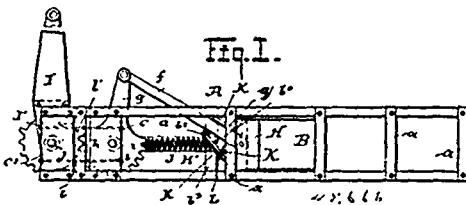
No. 45,665. Shoe. (Soulrier.)



Edwin I. Goding, Portland, Maine, U. S. A., 2nd April, 1894; 6 years.

Claim.—The herein described turned shoe, having a stay piece extending across the ball of the shoe on the inside of the sole, and stitched or otherwise secured to the inner edges on the upper, the upper being stitched directly to the sole, substantially as described.

No. 45,666. Hay Press. (Presse à foin.)

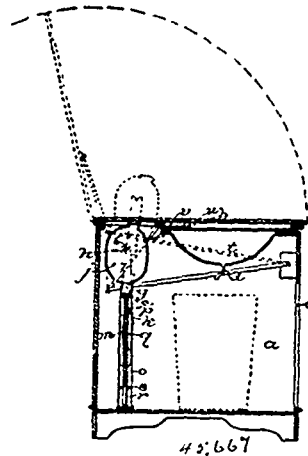


Albert G. Wilson, Wolfe City, Texas, U.S.A., 2nd April, 1894; 6 years.

Claim.—1st. In a hay press, the combination with a plunger, and a spring actuated arm connected with the plunger, said arm having a toothed segment thereon, of a draft attachment, having a toothed segment thereon, the teeth of which are divided into segregated sets, whereby a single vibration of the draft attachment will communicate as many vibrations to the spring actuated arm as there are segregated sets of teeth in the segment of the draft attachment, substantially as set forth. 2nd. In a hay press, the combination with a plunger, and a toggle lever connected therewith and a toothed segment carried by one arm of said toggle lever, of a tongue, a disc connected with the tongue and having more than one set of teeth, and a vacant space between said sets of teeth, the teeth of said disc being so constructed and arranged as to prevent the parts of the toggle lever from stopping in alignment with each other, and a spring for returning said plunger, substantially as set forth. 3rd. In a hay press, the combination with a box, plunger and framework of an arm carried by the plunger, a cross-bar carried by the frame-

work and having a notch to receive said arm, plates secured to the cross-bar, and projecting over each arm, a spring secured at one end to said arm in proximity to the plunger and at the other end to the rear end of the framework, and means for operating said plunger to force it forwardly, substantially as set forth. 4th. In a hay press, the combination with a framework, a box and a plunger, of a pitman connected to the plunger, a lever pivotally connected to said pitman and carrying a toothed segment at one end, an oscillatory disc having two series of teeth in its periphery and a blank space between said series of teeth, the inner tooth of each series being made shorter than the remaining teeth of the series, and a tongue connected with said toothed disc, and a spring connected at one end with the plunger and at the other end with the framework of the machine, substantially as set forth. 5th. In a hay press, the combination with a box, plunger and pitman, of a brake hinged to the pitman and yielding means for throwing the brake outward in position to strike some rigid part of the machine, substantially as set forth. 6th. In a hay press, the combination with a box, a plunger and an arm or pitman connected with said plunger, of bars hinged to said arm or pitman and projecting toward the plunger, rods or bars secured to the arm or pitman and projecting laterally therefrom and through the hinged bars, and springs encircling said laterally projecting rods or bars and adapted to force the hinged bars against the frame of the box, substantially as set forth. 7th. In a hay press, the combination with a box, a plunger and an arm or pitman connected with said plunger, of bars hinged to said arm or pitman and projecting toward the plunger, rods or bars connected to said arm or pitman and projecting laterally therefrom, and coiled spring encircling said laterally projecting rods or bars and adapted to force the hinged bars outwardly, substantially as and for the purpose set forth. 8th. In a hay press, the combination with a plunger, and framework, of a pitman connected to the plunger, a lever pivotally connected to the pitman, blocks secured to the upper and lower parts of the frame-work, a shaft mounted in said blocks and carrying said lever, a toothed segment at the end of said lever, other blocks secured to the upper and lower parts of the framework, a shaft mounted in said last-mentioned blocks, a toothed disc carried by said shaft and adapted to mesh with said toothed segment, and rods passing through the blocks secured to the upper part of the frame and adapted to brace them and rods passing through the blocks secured to the lower part of the frame and adapted to brace them, substantially as set forth.

No. 45,667. Wash Stand. (Lavabo.)



Henry H. Whitney, of Centreville, Idaho, and William F. Phinney, Standish, Maine, both in the U.S.A., 2nd April, 1894; 6 years.

Claim.—1st. In a wash-stand having a suitable case and a cover hinged to the top thereof, levers pivoted to said case and linked to said cover, a reservoir pivotally mounted on supports attached to said levers, guide plates attached to said levers and having slots therein and lugs attached to said cases and projecting through said slots, as and for the purposes set forth. 2nd. In a wash-stand having a suitable case and a cover hinged to the top thereof, levers pivoted to said case and linked to said cover, a reservoir pivotally mounted on supports attached to said levers, guide plates attached to said levers and having curved slots therein, and lugs attached to said case and projecting through said slots, as and for the purpose set forth. 3rd. In a wash-stand having a suitable case and a cover hinged to the top thereof, levers pivoted to said case and linked to said cover, a reservoir supported on standards attached to said levers, guide plates attached to said levers and having slots therein, and lugs attached to the case and projecting through said slots, a yoke connecting said levers, a hollow tube attached to the bottom of said case, a plunger attached to said yoke and adapted to enter said tube, and the coil spring interposed between the bottom of the case and said yoke, as and for the purposes set forth.