

section, having a puncturing pin intersecting the point of location of said strip, and provided with a curved portion projecting beyond the end of the housing, and adapted to be operated by the part or parts in the door, substantially as set forth. 2nd. The combination in a combined lock and seal for car doors, of the housing adapted to receive the sealing strip, a pivoted section, having a puncturing pin intersecting the point of location of said strip, and adapted to be operated by the part or parts on the car door, and a lever pivoted on said housing, and having a strip engaging and severing portion, substantially as set forth. 3rd. The combination in a combined lock and seal for car doors, of a housing having a vertical closed channel on its outer side adapted to receive a sealing strip, and a horizontal opening through the side of said housing intersecting said strip, a tongue, and a puncturing pin extending through said opening, and a movable locking strap, within the housing together with a strap adapted to be located on the door, and designed to contact with the curved portion of the section G, and engage with the movable locking strap aforesaid, substantially as described. 4th. The combination in a combined lock and seal for car doors, of a housing having a vertical recess and an opening intersecting the same, a movable section G, having a curved projecting portion or tongue, and carrying a puncturing pin extending through said opening, a pivoted engaging strap, and a revolvable bolt having a cam block to lift said strap, and a lever operating said bolt, and provided with a seal engaging portion, together with a strap adapted to be located on the door, and designed to contact with the curved portion of the section G, and engage with the movable locking strap aforesaid, substantially as set forth. 5th. The combination, with the housing having vertical recess and horizontal opening intersecting the same, of the pivoted engaging strap, and lever having seal engaging portion, the section G mounted on a vertical pivot, having puncturing pin, and provided on its upper side with a projection or ear adapted to clear the top of the housing when the section G is turned at right angles to the front of the housing, together with a strap designed to be secured to the door, and adapted to contact with the section G, and engage the pivoted strap aforesaid, substantially as set forth. 6th. In a combined lock and seal for car doors, a housing adapted to receive a looped sealing strip, means for retaining said strip within the housing, and a pivoted lever over which the sealing strip is passed, said lever having a cutting edge for severing the strip, substantially as shown.

No. 34,256. Shears. (*Cisailles.*)

William Richard, Herbert G. Ogden and Ira F. France, Bloomville, Ohio, U.S., 6th May, 1890; 5 years.

Claim.—In a pair of shears, the combination, with the blade A¹, provided with the stationary pivot a¹, and the integral internally threaded ears a¹, arranged obliquely to each other on opposite edges of said blade A¹, of the blade A² moving on the pivot a², the clamp B resting upon the blade A², and having apertured lugs at its ends, and the adjusting screws b¹ b² engaging the apertured lugs of the clamp, and the integral ears of the blade A¹, substantially as specified.

No. 34,257. Flue Scraping Rod for Steam Boilers. (*Grattoir pour les bouilleurs des chaudières à vapeur.*)

Thomas R. Butman, Chicago, Ill., U.S., 6th May, 1890; 5 years.

Claim.—1st. A flue scraper rod, formed in one or more sections, and a joint connecting the sections, comprising a pivoted link, whereby the sections can be folded parallel, substantially as described. 2nd. Two rods, having sockets on their ends, provided with sockets, whereby the rods can be folded together parallel and at right angles to the link, substantially as described. 3rd. A folding flue scraping rod, composed of two or more wooden rods, ferrules on their ends, provided with sockets, a link connecting said rods, and at its ends loosely confined in said sockets, and a ferrule on the end of one rod to receive the brush, substantially as described. 4th. Two rods and a pivoted or ball socket joints connecting the same, and provided with one or more slots in its case, whereby the rods can be folded together and parallel, substantially as described. 5th. Two rods, having sockets on their ends provided with slots, reinforcing ribs on the fingers separating said slots, and the link having rods, substantially as described. 6th. The combination, with a flue scraping rod, of a brush attaching ferrule on the end of the rod, flue scraping rod, having radial wings to center the brush in the flue. 7th. A bear against the flue wall, and center the brush receiving end to having separable ferrules on their ends provided with separable ball link, having balls on its opposite ends loosely fitted in said sockets. 9th. Two rods, having bifurcated sockets on their ends, in combination with the connecting link, having cross bars at its ends journaled in said sockets to allow the rods to fold parallel in two directions.

No. 34,258. Cartridge Belt. (*Cartouchière.*)

William McEntee, Erim, Minn., U.S., 6th May, 1890; 5 years.

Claim.—1st. In a cartridge belt, an adjustable strap arranged to form the cartridge holding loops, substantially as set forth. 2nd. In a cartridge belt, provided with vertical slits, a strap passing through the slits in alternate directions, and adapted to form adjustable cartridge holding loops, substantially as set forth. 3rd. A cartridge belt, having adjustable cartridge holding loops, substantially as set forth.

No. 34,259. Fruit Picker and Gatherer.

(*Cueilleur pour les fruits.*)

Charles R. Banks, Boston, Mass., U.S., 6th May, 1890; 5 years.

Claim.—1st. In a fruit picker and gatherer, a conducting tube or chute, having cushions secured to the interior of the same at intervals along its length, and also having a cushion at its bottom, and an outlet opening in the side of the tube adjacent to said cushion, all substantially as and for the purposes set forth. 2nd. A fruit picker and gatherer, consisting of a tube or chute, having a picking device at its upper end, and having cushions secured to the interior of the same at intervals along its length, and also having a cushion at its bottom, and an outlet opening in the side of the tube adjacent to said cushion, all substantially as and for the purposes set forth. 3rd. In a fruit picker and gatherer, the combination of two conducting tubes or chutes having cushions secured to the interiors of the same at intervals along their lengths, the lower tube being flexible, and having means for attaching it to the lower end of the upper tube to form an extension of the same, all substantially as shown and for the purposes set forth. 4th. In a fruit picker and gatherer, a conducting tube or chute, having cushions secured to the interior of the same at intervals along its length, and arranged alternately on either side of the tube, and also having a cushion at its bottom, and an outlet opening in the side of the tube adjacent to the cushion, all substantially as shown and for the purposes set forth. 5th. A fruit picker and gatherer, consisting of a conducting tube or chute, having cushions secured to the interior of the same at intervals along its length, and an opening at or near its lower end, in combination, with an annular cushion secured to the upper end of the conducting tube and surrounding the opening of the same, and a series of longitudinally projecting fingers surrounding said cushion, all substantially as shown and for the purposes set forth. 6th. In combination, with a conducting tube, the annular cushioned ring, surrounding the upper open end of said tube, and a series of longitudinal cushioned fingers surrounding said ring and extending beyond the same, all substantially as and for the purposes set forth. 7th. A fruit picker and gatherer, having a conducting tube or chute formed of two sections, the upper one of which is adapted to slide in or on the lower one, in combination with means for sliding said section, and an annular cushion or ring surrounding the upper open end of the upper section, and a series of longitudinally projecting fingers surrounding said ring, all substantially as shown and for the purposes set forth. 8th. A fruit picker and gatherer, having a conducting tube or chute, formed of two sections, the lower one of which has cushions secured to the interior of the same at intervals along its length, the upper section of which is adapted to slide in or on the lower section, in combination with means for sliding said upper section, and an annular cushion surrounding the upper open end of the same, and a series of longitudinally projecting fingers surrounding said ring, all substantially as shown and for the purposes set forth. 9th. A fruit picker and gatherer, consisting of a conducting tube or chute, having cushions secured to the interior of the same at intervals along its length, and an opening at or near its lower end, in combination with an annular cushion secured to the upper end of the conducting tube and surrounding the opening of the same, a series of longitudinally projecting fingers surrounding said cushion, and a handle for holding up said tube, all substantially as shown and for the purposes set forth. 10th. A fruit picker and gatherer, having a conducting tube or chute formed of two sections, the lower one of which has cushions secured to the interior of the same at intervals along its length, the upper section of which is adapted to slide in or on the lower section, in combination with the cord and pulleys, an annular cushion surrounding the upper open end of the upper section, and a series of longitudinally projecting fingers surrounding said cushion, all substantially as shown and for the purposes set forth. 11th. In combination with the fruit conducting tube, the handles having the swells or projections m, the bar G having the recess v and extensions u, all substantially as shown and for the purposes set forth.

No. 34,260. Case for Holding Spools of Thread and Silk. (*Buffet pour les bobines.*)

Seneca P. Hope, Granby, Que., 6th May, 1890; 5 years.

Claim.—The combination of the inclined floors or partitions B, and the vertical partitions C, forming the inclined compartments or passages D, and the retaining ledges E, with the spool case A, substantially as and for the purpose hereinbefore set forth.

No. 34,261. Measuring Tank.

(*Citerne compteur.*)

Elmer N. Batchelder and Fred E. Lovejoy, Portland, Me., U.S., 6th May, 1890; 5 years.

Claim.—1st. In an automatic weighing scale, the combination of a scale beam, a weight carrier adapted to hang from the end thereof, a tripping device for pushing the said weight carrier bodily from the end of said beam, substantially as described. 2nd. In an automatic weighing scale, the combination of a scale beam, a weight carrier adapted to hang from the end thereof, a tripping device, and a cam surface on said weight carrier, against which said tripping device acts, substantially as described. 3rd. In an automatic weighing scale, the combination of a scale beam and a weighing tank thereon, a reservoir, a pipe leading from said reservoir to said weighing tank, a valve for closing said pipe, connecting mechanism between said scale beam and said valve, whereby the latter is controlled by the motion of said scale beam, and a loose joint or connection in said connecting mechanism, for allowing a limited motion of said beam before said valve is operated, substantially as described. 4th. In an automatic weighing scale, the combination of a scale beam, a weighing tank thereon, an outlet pipe and a valve for controlling said pipe, a pivoted lever having a short arm and a long arm for lifting said