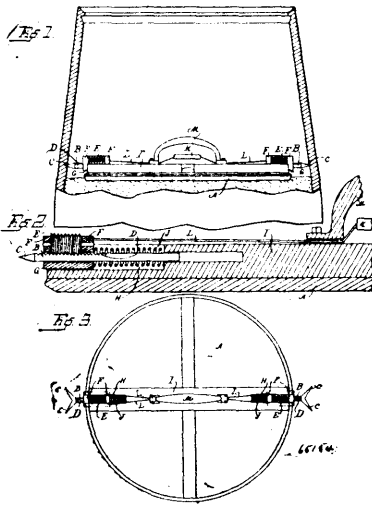
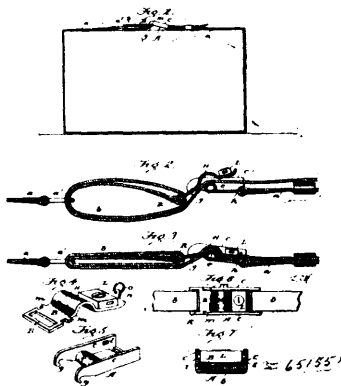


substantially as and for the purpose set forth. 2nd. The combination of a cover A, cross piece I, provided with recesses H, for the



reception of the fastening mechanism, lifting handle M, secured to the upper surface of said cross piece, cover retaining spikes B, spike actuating springs J, adapted, by their recoil, to force said spikes outward and in contact with the walls of the retaining receptacle, spike actuating handle K, flexible connections L, communicating between said spikes and said actuating handle, spike supporting brackets G, screw threaded sleeves E, respectively located between the vertical walls of said brackets G, the threads of said sleeves E, being adapted to engage in corresponding threads provided therefor in the upper surface of said spikes B, said spikes being adapted to be adjusted relatively to their supporting brackets outward or inward by turning said screw threaded sleeve E, all substantially as and for the purpose specified.

No. 65,155. Strap Fastener. (Attache de courroie.)

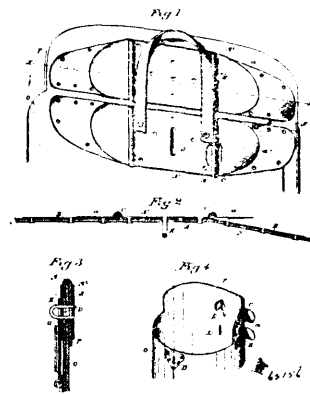


Amasa J. Spaulding and George H. Bell, both of Silver City, New Mexico, U.S.A., 1st December, 1899; 6 years. (Filed 3rd November, 1899.)

Claim.—1st. A two part fastening device for straps, consisting of a jaw part formed with side walls and terminating at one end in hooks, the bottom of said jaw having an interior bearing back of the hooks and between the walls, and a lever clamp part adapted to operate between the walls of the jaw part, arched to conform to the interior bearing of the jaw part, and having studs or pivots adapted to engage the hooks of the jaw part. 2nd. A fastening device for straps, consisting of a base part open at the top and both ends, the sides extending beyond the bottom at one end and terminating in hooks, the bottom of said base part having an interior bearing located back of the hooks between the walls and an eye at the other end, and a lever clamping jaw eyed at one end, arched back of said eye to conform to the raised bearing of the base part, and having pivots on its edges between the arch and the eye for engagement with the base part hooks. 3rd. A fastening device for straps, consisting of a base part formed with side walls terminating at one

end in hooks, an interior bearing located at the bottom of said base part between the walls thereof, and a lever clamping jaw tongue part having pivots for engagement with the hooks of the said base part and adapted to operate between the walls thereof, in combination with means for fastening together the free end of the lever clamping jaw tongue part and the base part. 4th. In a fastening device for straps, the combination of a clamping jaw formed with side walls terminating at one end in hooks, and a clamping surface located at the bottom of said jaw between the walls, with a clamping jaw tongue part arched coincident with and adapted to overlap said clamping surface between the walls of the base part, and provided with pivots by means of which the two jaw parts are held in operative relation to each other, and with an extension to which a strap is secured. 5th. In a fastening device for straps, the combination of the separable clamping jaw part substantially as described and its connected strap having a ring at one end, a separable clamping tongue part having a ring at one end and a strap secured in said ring and adapted to form a double loop engagement with said ring and the ring of the other strap, with means for fastening the free end of the clamping tongue part to the clamping jaw part.

No. 65,156. Pouch Fastener. (Attache de sacs de mailles.)



Watson Ebenezer Griffin, Reno, Nevada, U.S.A., 1st December, 1899; 6 years. (Filed 23rd October, 1899.)

Claim.—1st. A closure for the mouths of mail pouches, consisting of plates secured transversely across the central upper rear portion of the pouch and the corresponding portion of the flap, other plates hinged to the ends thereof and extending to the outer edges of the pouch and riveted thereto, said plates being foldable inwardly with relation to the first named plates when the pouch is opened, and stops suitably mounted upon said first named plates by which they are prevented from bending in the opposite direction when the pouch is closed. 2nd. A mail pouch having a foldable flap at the top, plates riveted to the upper central back portion of the pouch and to the corresponding portion of the flap, other plates hinged thereto extending outwardly to the edges of the pouch and flap respectively, other plates coincident with the first named plates having rigid wings or extensions in line therewith against which the hinged plates abut when the pouch is closed. 3rd. A mail pouch having a flexible flap adapted to close over the mouth, metal plates fixed to the rear central portion of the top of the pouch and the corresponding portion of the flap, a staple carried by one of said plates and adapted to extend through a slot made in the other plate when the flap is closed, other plates hinged to the ends of the first named plates, extending therefrom to the outer edges of the back of the pouch and the flap respectively, and other plates riveted to the first named plates, having the ends projecting beyond the hinges of said plates, whereby the extensions may be bent inwardly when the pouch is opened but are prevented from moving in the opposite direction when the pouch is closed.

No. 65,157. Bicycle. (Bicycle.)

Elbridge Colburn Doolittle, Philadelphia, Pennsylvania, U.S.A., 1st December, 1899; 6 years. (Filed 25th March, 1899.)

Claim.—1st. In a cycle driving mechanism, the combination with the frame having the hanger or hub in two separated barrel sections, the bifurcated frame pieces connected to said sections, and the ring secured to the frame with its centre above the centre of the said hub or hanger, of the crank shaft having the gear wheel, the shaft journaled in the frame above the crank shaft, the pinion thereon, the rotatable internally toothed annulus mounted in said ring and engaged by the said pinion, the eccentrics on the end of the pinion carrying shaft, the similar eccentrics on the rear wheel hub, and the connecting straps and rods, substantially as specified. 2nd. In a cycle driving mechanism, the combination with the