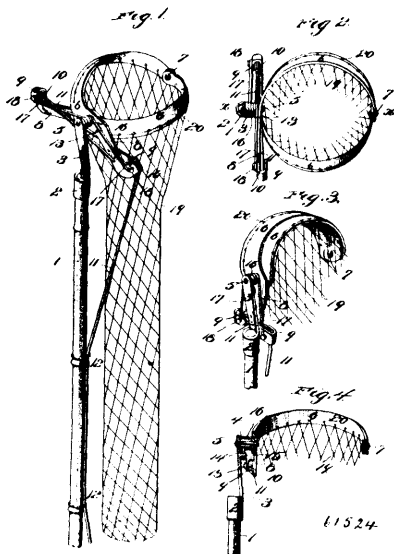
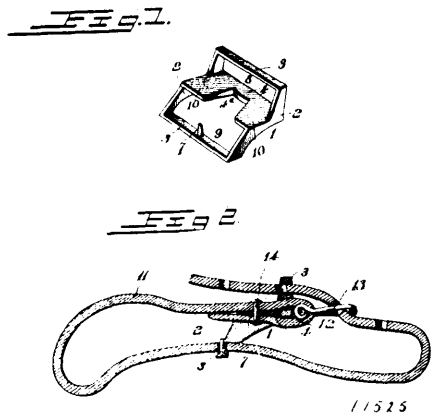


in the end of each arm, an operating-cord connected to one arm and working over the said pulleys, a reversely-coiled spring seated on



the said stud and connected to the said arms, and a conveyor connected to the jaws, substantially as described. 3rd. In a fruit-gatherer and pruning shears, the combination of a handle, an arm secured at its upper end, a stud projecting from the arm, a pin secured in the stud, a pair of semi-circular jaws pivotally connected together at one end and having their other ends crossed and pivoted on the said pin, arms integral with the crossed ends of the jaws, a pulley journaled in the end of each arm, an operating-cord connected to one arm and working over the said pulleys, a reversely-coiled spring seated on the said stud and connected to the said arms, substantially as and for the purpose specified.

No. 61,525. Billet Loop. (*Ganse de harnais.*)



Charles Rozell, Hutchinson, Kansas, U.S.A., 26th October, 1898; 6 years. (Filed 29th September, 1898.)

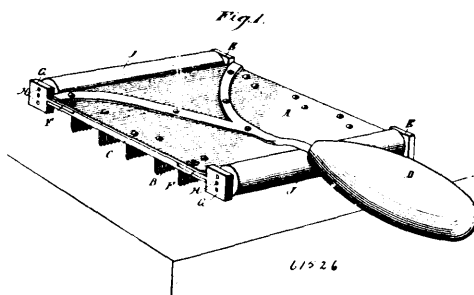
Claim.—A billet-loop consisting of a frame having parallel side pieces connected by parallel end cross bars and a flat intermediate cross-bar provided in its rear edge with a rivet receiving opening to notch producing at opposite inner sides of the frame oppositely located flanges adapted to lie within the height of the strap, the portions of the side pieces and the cross-bar at one side of the intermediate cross-bar forming an upper right angularly arranged loop member disposed at one side of the plane of said opening or notch, and the portions of the side pieces and the cross-bar at the opposite side of the intermediate cross-bar forming a lower loop member disposed at an obtuse angle to the intermediate cross-bar and carrying an upwardly disposed stud, substantially as set forth.

No. 61,526. Curry-comb. (*Etrille.*)

Emil M. Bulin, Cylinder, Iowa, U.S.A., 26th October, 1898; 6 years. (Filed 30th September, 1898.)

Claim.—1st. The combination with the currycomb, the rollers mounted thereon and adapted to engage the animal, and means for adjusting said rollers, substantially as set forth. 2nd. In a curry-comb, the combination with fixed journal plates, of pivoted journal

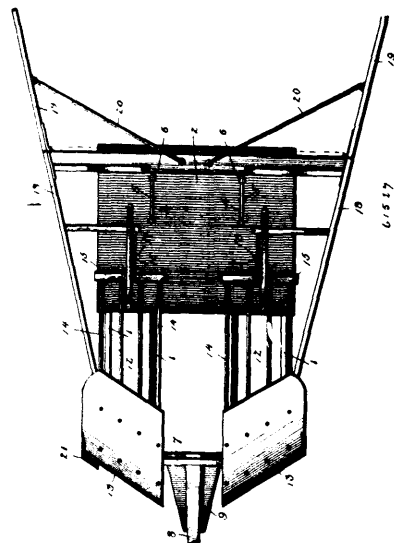
plates, and rollers journaled in said plates, substantially as set forth. 3rd. In the currycomb, the combination with fixed and pivoted



journal plates provided with a plurality of perforations, of rollers having their journals adapted to engage said perforations, substantially as set forth. 4th. The combination with a currycomb, of rollers journaled at its respective ends and adapted to regulate the depth to which the teeth of the comb will engage in the hair of the animal, substantially as set forth.

No. 61,527. Track Marker and Cleaner.

(*Machine à construire et nettoyer les voies.*)



Hector McLean, Michie, Manitoba, Canada, 26th October, 1898; 6 years. (Filed 29th September, 1898.)

Claim.—1st. A road track maker and cleaner, comprising a platform mounted on runners, wings located at opposite sides thereof, scrapers slidably mounted on said platform, and extending forwardly therefrom, means for adjusting the position of said scrapers, and a tongue having a snow cleaning attachment, removably secured thereto, mounted at the front of said runners, substantially as described. 2nd. A road track maker and cleaner, comprising a platform mounted on runners, means connected to said runners for preventing a sidewise movement of said platform, wings located at opposite sides thereof, scrapers slidably mounted on said platform, and extending forwardly therefrom, means for adjusting the position of said scrapers, and a tongue, having a snow cleaning attachment, removably secured thereto, mounted at the front of said runners, substantially as described.

No. 61,528. Railway Switch and Lock.

(*Serrure et aiguille de chemin de fer.*)

John W. Thomas, jr., Nashville, Tennessee, U.S.A., 26th October, 1898; 6 years. (Filed 5th October, 1898.)

Claim.—In a switch and lock movement for operating and controlling railway-switches, a slide composed of top and bottom bars secured together at a proper interval apart, and locking dogs or plungers mounted upon the upper face of the under bar of the slide, in the interval or space between the two bars, in combination with a base provided with solid end bearing-blocks formed with openings for the guidance and support of the slide which passes through