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### INVENTIONS PATENTED.

NOTE—Patents are granted for 15 years. The term of years for which the fees have been paid, is given after the date of the patent.

#### No. 27,902. Stove Door. (*Porte de poêle.*)

Berry A. Baxter, Mansfield, Ohio, U. S., 2nd November, 1887; 5 years.

*Claim.*—1st. The combination of a stove provided with a pair of doors, connecting bars hinged thereto, an anti-friction wheel located at the joined ends of said bars, a track upon which said wheel is confined, and a stop at the forward end of said track, substantially as described. 2nd. A stove provided with a pair of hinged doors having toggle-jointed links connected therewith, and means for retaining the free ends of the links in movable adjustment upon the body portion of the stove, substantially as described. 3rd. In a stove, a pair of doors connected together by jointed bars or toggle links, in combination with a stop upon the body portion of the stove for limiting the forward movement of the free ends of the links, substantially as described.

#### No. 27,903. Mechanism for Driving the Reel Shaft of a Harvester. (*Mécanisme moteur pour l'axe du râtelier d'une moissonneuse.*)

Richard D. Johnson, Milton, Ont., 2nd November, 1887; 5 years.

*Claim.* 1st. In a harvester, a grain-reel shaft suitably journaled and carried on an adjustable frame, in combination with a tumbling shaft connected to and deriving motion from some suitable moving part of the machine, and so connected to the reel-shaft that the frame of the latter may be adjusted without interfering with the driving gear by which the revolving motion of the tumbling shaft is conveyed to the reel-shaft, substantially as and for the purpose specified. 2nd. The grain-reel shaft A, suitably journaled and carried on an adjustable frame, and having keyed or otherwise fastened to it the bevel wheel K, in combination with the revolving tumbling shaft D, suspended from the shaft A by the bracket I, and connected to the pinion J which meshes with the wheel K, and is so connected to the tumbling shaft D, that it will revolve with it and at the same time may be moved longitudinally upon the said shaft without interfering with its working, substantially as and for the purpose specified. 3rd. The tumbling shaft D, journaled in the bracket I, and connected as described to the pinion J, which meshes with the wheel K keyed or otherwise fastened to the shaft A, as described, in combination with gearing deriving motion from some moving part of the harvester, and so connected to the shaft D that the said shaft may be adjusted without interfering with the satisfactory working of the gearing, substantially as and for the purpose specified. 4th. The adjustable bracket B C, arranged to support the reel-shaft A, as described, in combination with the bar L pivoted to the bracket C and notched, so as to engage with the bracket M when actuated by the spring N, substantially as and for the purpose specified.

#### No. 27,904. Animal Trap. (*Piège.*)

Henry J. Seymour, Niagara Centre, Ont., 2nd November, 1887; 5 years.

*Claim.*—1st. In combination with the base provided with posts, jaws hinged on said posts, and the spring having its arms hung on one of said posts beneath the jaws, the bait pan hung on the said post

between the spring arms and a catch on the jaws at the hinged ends thereof, and engaging the bolt pan to hold the same in its set position, as set forth. 2nd. In combination with the base provided with posts, jaws hinged on said posts, and the spring having its arms hung on one of said posts, the bait pan hung on said post between the spring arms, and provided with an aperture adjacent to the post, and lugs projecting from the hinged ends of the jaws, and adapted to enter the aperture of the bait pan and engage the latter to hold the same in its set position, as described and shown. 3rd. In combination with the base A, jaws C, C and spring S, the post P provided with the notch a, and the bait pan B having a slot b by which it is hung on said post, substantially as described and shown. 4th. In combination, the base A and spring S, the post P provided with the notch a, the bait pan B hung on said post and provided with the slot b and aperture c, the jaws C, C hinged on the aforesaid post, and the lugs or hooks d, d projecting from the jaws and adapted to enter the aperture c, substantially in the manner and for the purpose specified.

#### No. 27,905. Adjustable Strip. (*Chape de bretelle.*)

Thomas O. Potter, Boston, Mass., U. S., 2nd November, 1887; 5 years.

*Claim.*—An elastic adjustment strap for garments and similar uses, consisting of one or more springs, each of which is covered with a braided fibrous jacket, and a housing for uniting the end or ends thereof by one or more prongs, made integral therewith and extending into the jacket and spring, as and for the purposes described. 2nd. The combination, in an adjustable strap for garment and other similar uses, of a plate having one or more sleeves, a prong b for each sleeve integral with the plate, and a jacketed spring or springs, the end or ends of which are enclosed by said sleeve and are fastened thereto by said prong or prongs, as and for the purpose described. 3rd. The elastic adjustable straps for garments and similar uses, comprising two or more coiled springs, each of which springs and the jackets are held and united by metal housings, each of which consists essentially of an enclosing metal plate or plates having inwardly extending clamping binding or holding sections to clamp upon, bind or hold the ends of the jackets, and springs whereby the ends of the jackets and springs are fastened to the housings, substantially as described. 4th. An elastic adjustable strap for garments and similar uses, consisting of two or more springs, a braided fibrous jacket for each spring, and a housing for each of the ends of the springs and the jackets and to which they are secured, each housing comprising a metal plate in two parts, bent or shaped to form separate pockets or receptacles for each spring and jacket, and the two parts of which are united at their ends by the overlapping of the ends of one part upon the ends of the other, substantially as described. 5th. An elastic adjusting strap for garments and similar uses, consisting of two or more springs, a braided fibrous jacket for each spring, and a metal housing for each of the ends of the springs and jackets, and means for fastening or securing the individual ends of the springs and jackets to the housing, whereby the housing acts both to fasten or secure the ends of the springs and jackets, and also to fasten the various ends of the springs and jackets together, substantially as described. 6th. An elastic adjusting strap for garments and similar uses, consisting of two or more springs, a braided fibrous jacket for each spring, and a housing for each of the ends of the springs and jackets to which the ends of the springs and jackets are directly united, the said jackets having formed integral therewith an extension in which is formed a long slot, whereby the adjusting strap is adapted to be secured to inextensible webbing or other material, as and for the purpose described.

#### No. 27,906. Vehicle Wheel Tire.

(*Bandage de roue de voiture.*)

Frank H. Harris, Ohio, U. S., 2nd November, 1887; 5 years.

*Claim.*—1st. In a rubber tire wheel, a tire grooved or creased upon its sides, and secured to the flanged rim of the wheel by binding wires, substantially as described. 2nd. In combination with the flanged rim A of a wheel, an elastic wire B provided with the shoulders or creases a, and secured in place within the flanges of the rim A by binding wires C, substantially as described. 3rd. An elastic tire B, provided with the shoulders or creases a, substantially as and for the purposes set forth.