

controlling said spiral springs, all said parts substantially as described and for the purposes set forth. 4th. In a rock drill, the combination with the cylinder and its guide, a circular mounting plate secured to said guide and provided with a bevelled edge, a top plate provided at one side with an inwardly bevelled projection and adapted to receive the said mounting plate, a clamping block arranged at the opposite side of said top plate and adapted to adjustably secure the mounting plate to the said top plate, a set screw controlling said clamping block, bearings arranged on the top plate, arms pivotally and adjustably secured to said bearings by means of a spindle and tightening nut, said arms being provided at their free ends with enlargements, serving as bearings for the rear leg holder carrying sleeve, a spindle and tightening nut adapted to adjustably secure said sleeve to said enlargements, a horizontally extending projection arranged on each of said arms, a front leg holder adjustably secured to each of said projections, all said parts being arranged and adapted to operate substantially as described and for the purposes set forth. 5th. In a rock drill, the combination, with the cylinder and the piston, said piston being provided with an annular groove connected by channels o^2, o^3 , with the upper and lower steam chamber, respectively, of a valve chamber secured to said cylinder, a double headed cylindrical piston valve arranged in said valve chamber, each piston head consisting of two discs forming a steam chamber, channels connecting said steam chambers with the upper and lower steam chamber of the cylinder, a cylinder head arranged at each end of the valve chamber, a metallic plate secured to said cylinder head, a rubber cushion arranged between said metallic plate and cylinder head, a series of channels r^2, r^3 and r^4, r^5 , connecting the chambers between the metallic plates and the outer discs of the cylindrical piston valves with the live steam chamber o , and the exhaust, respectively, all said parts substantially as described and for the purposes set forth.

No. 41,797. Medicinal Compound.

(Composition médicale.)

Walter Wesley Baer and William Jay Manson, both of Nanaimo, British Columbia, Canada, 2nd February, 1893; 6 years.

Claim.—The composition of ingredients as a prescription for the cure of cough, and other bronchial affections, consisting of syrupus, papaveris, spiritus jamciensis, acidum sulphuricum oil, naphthalin and syrupus simplex, substantially in the proportions and for the purposes set forth.

No. 41,798. Inking Apparatus for Printing Presses.

(Appareil pour encre les presses à imprimer.)

Thomas George Spence, Brooklyn, New York, U.S.A., 2nd February, 1893; 6 years.

Claim.—1st. The combination of the type bed, an attachable frame therefor, a roller at each side of said frame, a ribbon attached to such rollers and extending across the frame, and means, such as described, for intermittently operating said rollers, as set forth. 2nd. In a printing press, the combination of the type frame, the platen, the inking ribbon extending across the frame between it and the platen, a roller at each end of the ribbon, to which the ribbon is secured, a ratchet and pawl mechanism for such roller, and a rod extending therefrom and connected with the platen, whereby after each impression a portion of the ribbon is moved for the next impression, as set forth. 3rd. In a printing press, the combination of the type frame, the platen, an inking ribbon between them, rollers at the ends of such ribbon, and tighteners located at the loose opposite edges of such ribbon, as set forth.

No. 41,799. Reversible Envelope. (Enveloppe reversible.)

David Irvine Barnett, Toronto, Ontario, Canada, 2nd February, 1893; 6 years.

Claim.—1st. A reversible envelope comprising a case open at both ends, a central dividing wall within the case separating the envelope into two contents receiving pockets, a flap at each end of the central dividing wall adapted to close the open ends of the envelope, substantially as and for the purpose specified. 2nd. A reversible envelope comprising a case open at both ends, a central dividing wall within the case separating the envelope into two contents receiving pockets, a flap at each end of the central dividing wall adapted to close the open ends of the envelope, and means for fastening said flaps, substantially as specified. 3rd. A reversible envelope comprising a case open at both ends, a central dividing wall within the case separating the envelope into two contents receiving pockets, a flap at each end of the central dividing wall, adapted to close the open ends of the envelope, a fastening device to secure said flaps, comprising a slit formed in each of said flaps, and extending inwardly and forwardly from the edge and arranged at an angle thereto, the said slits being cut from the opposite edges of said flaps, substantially as and for the purpose specified.

No. 41,800. Car Coupler. (Attelage de chars.)

August Hoyrmaun, Bubenc, and Arthur Stein, Schonpriesen, all in Bohemia, 2nd February, 1893; 6 years.

Claim.—1st. A duplex automatic coupling for railway and similar vehicles, consisting of hinged or pivoted links or rings of different widths, which come into contact with and pass up inclined planes

formed on the coupling hooks and engage therewith upon two carriages being moved together, constructed and arranged, substantially as hereinbefore described and as illustrated by the accompanying drawing. 2nd. In a duplex automatic coupling for railway and other vehicles, the combination, with a draw bar capable of longitudinal movement, of pivoted links, rings, or their equivalent, and suitable projections or inclined planes for moving the pivoted links upwards, all constructed and arranged substantially as hereinbefore described and as illustrated by the accompanying drawing. 3rd. A duplex automatic coupling for railway and other vehicles, consisting of longitudinally movable draw bars, coupling hooks formed with inclined planes, pivoted links or rings, apparatus for lifting these links or rings, for coupling, and apparatus for imparting longitudinal motion to the draw bars, all arranged, constructed and operated substantially as hereinbefore described and as illustrated by the accompanying drawing. 4th. The combination, with a duplex automatic coupling for railway and similar vehicles, such as is hereinbefore described, of a locking or safety device, constructed and arranged as set forth and as illustrated by the accompanying drawings. 5th. The combination, with the duplex automatic coupling herein described, of an indicating device, substantially as described.

No. 41,801. Papeterie. (Papeterie.)

Adolf Bühler, Reichenhall, Bavaria, Empire of Germany, 4th February, 1893; 6 years.

Claim.—1st. The combination, with a package of double sheet of letter paper, or of a plurality of superposed envelopes, arranged with their sealing flaps overlapping one another, of a holder c , of greater length than the paper or envelopes, and inserted between the two pages, of the inner sheet of paper or under the flap of the upper envelope of the packages along the fold thereof, and a backing of more or less rigid material, to which said holder is secured, as described, for the purposes specified. 2nd. A block of letter paper, comprising a backing of more or less rigid material, a plurality of superposed packages of double sheet letter paper, said packages being arranged with their folded portions alternating with the edges of the sheets, and a holder c , for each package inserted in the inner sheet along the fold thereof, the ends of said holder being secured to the backing, as described, for the purposes specified. 3rd. The combination, with a package of envelopes, arranged with their sealing flaps overlapping one another, of a holder consisting of a strip c , of more or less flexible material, provided with a slit or slot for the passage of said sealing flaps, and a backing to which the strip c , is secured, as described, for the purposes specified. 4th. The combination, with two packages of envelopes c , arranged relatively to each other, as described, the holder or holders c , for said packages, and a backing of more or less rigid material, to which said holder or holders are secured, of a fastener secured to said backing and arranged to overlap the contiguous edges of the packages of the envelopes, substantially as described, for the purposes specified. 5th. A block of letter paper or envelopes, comprising a plurality of superposed packages of such, arranged as described, and the holders c , for the individual packages, and a backing or wrapper to which said holders are secured, said backing or wrapper being constructed to inclose the blocks of paper or envelopes, substantially as described, for the purposes specified. 6th. The herein described article of papeterie, comprising a double or folding wrapper, a block of envelopes consisting of a series of packages of such, holders for each individual package secured to the wrapper, as described, and a block of letter paper consisting of a plurality of packages of such, holders for each package thereof, and a backing to which said holders are secured, said parts being arranged and combined, substantially as described, and for the purposes specified. 7th. The herein described article of papeterie, comprising a double or folding wrapper h , provided on its edges with loops h^1 , a block of envelopes consisting of a series of packages e of such, holders for each individual package secured to the wrapper, and a block of letter paper consisting of a plurality of packages a of such, holders for each individual package thereof, and a backing to which said holders are secured, said parts being arranged and combined, substantially as shown and described and for the purposes specified. 8th. The herein described article of papeterie, comprising a double or folding wrapper h , provided on two of its meeting edges with loops h^1 , and on one half of its inner face with receptacles p and p^1 , a block of envelopes consisting of a plurality of packages e of such, holders for each individual package secured to the wrapper, and a block of letter paper consisting of a plurality of packages a of such, holders for each individual package thereof, and a backing d , to which such holders are secured, said parts being arranged and combined, substantially as shown and described. 9th. The combination of a back d , slit n , tongue flap m , and envelope e , substantially as set forth. 10th. The combination of a back d , tongue flaps m , flaps n^1 , having a slit and envelope, substantially as set forth.

No. 41,802. Bitters. (Bitter.)

James B. Ditmars, Clementsport, Nova Scotia, Canada, 4th February, 1893; 6 years.

Claim.—A compound, composed of a decoction of five pounds of wild cherry barks, (four red, one black), one pound princess pine, one pound balsamony herb, one half pound juniper berries, bruised, one half gallon of alcohol and sufficient water to make about