

No. 34,988. Back for Vehicles.*(Dossier de voiture.)*

William Albert Nason, Pleasureville, Penn., U.S.A., 9th September, 1890; 5 years.

Claim.—1st. In a lazy-back for vehicles, the curved springs passing through the staple, or U-shaped irons underneath the seat, having their front ends secured to the front of the seat and their uppermost ends to the back-rail, in combination with the vehicle-seat and the back-rail, whereby said springs are securely held in position and allowed a free vertical movement, substantially as described. 2nd. In a lazy-back for vehicles, the combination of the curved springs, the U-shaped irons secured underneath the seat, the back-rail of the vehicle to which the rear uppermost ends of said springs are secured and the vehicle-seat, substantially as described and for the purpose set forth.

No. 34,989. Cover for Curtain or Cornice Poles. *(Couverture pour bâtons de rideau ou corniche.)*

Thomas Picton Simon Brown, Belleville, Ontario, Canada, 9th September, 1890; 5 years.

Claim.—The covering of the curtain or cornice pole, with oil cloth of any colour or pattern, substantially as and for the purpose hereinbefore set forth.

No. 34,990. Step Ladder.*(Echelle de vitrier.)*

Thomas Harris, Meaford, Ontario, Canada, 9th September, 1890; 5 years.

Claim.—1st. The combination, with a step-ladder, of strap K, connected by staple, the adjustable sliding block L, pin N, guides M, M, substantially as and for the purposes herein set forth. 2nd. The combination of the vertical rotating standard O, secured at foot by staple Q, and hooks K, R, with the crane arm P, substantially as shown. 3rd. The combination, with the lateral braces J, J, of the single extension back leg D, substantially as and for the purpose specified.

No. 34,991. Lamp. *(Lampe.)*

Alvin Taplin, Forestville, Conn., U.S.A., 9th September, 1890; 5 years.

Claim.—1st. In a lamp, having a central draft-tube and tubular wick, the combination of the vertically-moving wick-carrier, having a handle, and the spring 12 fixedly secured to the bottom of the lamp-cup, and arranged parallel to the draft-tube to press upon said wick-carrier, substantially as described and for the purpose specified. 2nd. In a lamp, having a central draft-tube and tubular wick, the combination of the vertically-moving wick-carrier, having a handle and two cams secured to the bottom of the lamp-cup, one for withdrawing said carrier from the wick, and the other for forcing it against the same, substantially as described. 3rd. In a lamp, having a central draft tube and tubular wick, the combination of the wick-carrier 6, having the shank 8, cam 11 and shoulders 10, 10, the handle 9 secured to said shank, the spring 12, having the inclined bend near its lower end, and the cam 13, against which the shoulders 10, 10 act, substantially as described and for the purposes specified.

No. 34,992. Photographic Posing Chair.*(Chaise de photographe.)*

James McKenzie Dow, Ogdensburg, N.Y., U.S.A., 9th September, 1890; 5 years.

Claim.—1st. The combination, with a suitable seat, of a supporting rod extending around said seat and secured thereto, a vertical supporting rod for the back or head rests, loosely mounted on said supporting rod to slide at a fulcrum thereon, whereby said vertical supporting rod may be adjusted laterally, and means for adjustably supporting the lower end of said vertical supporting rod, in a manner to allow the same to be adjusted backward and forward, substantially as described and for the purpose set forth. 2nd. The combination, with a suitable seat, of a horizontally-arranged supporting rod, extending around said seat and secured thereto, a coupling supported on said supporting rod and provided with a tension spring for engagement with said supporting rod, and a vertically-arranged supporting rod for the head or back rests, supported by said coupling, substantially as described and for the purpose set forth. 3rd. The combination, with a suitable seat or frame, provided with a horizontally-arranged supporting rod, extending around the same, and supported thereby, of a vertically arranged supporting rod adjustably supported in a coupling, said coupling being loosely mounted on said horizontally-arranged rod, and means for adjustably supporting the lower end of said vertical supporting rod, whereby either the back or head rest may have a vertical, lateral and backward and forward adjustment, substantially as described and for the purpose set forth. 4th. In a posing chair, the combination, with a suitable seat or frame, and a supporting rod secured thereto, of a tubular rod mounted on said supporting rod and having an adjustable connection at its lower end with a horizontally-arranged serrated rod, which extends and is loosely supported at its free end beneath the seat or frame, and a dog supported by said seat or frame adapted to engage said serrated rod, substantially as described and for the purpose set forth. 5th. In a posing chair, the combination, with a seat or frame provided with a supporting rod secured thereto, of a tubular rod adapted for the support of the back or head-rest, loosely mounted on said supporting rod and connected at their lower end with a horizontally-arranged rod, and a sleeve pivotally secured to a swivelled frame supported by the said seat or frame and adapted to loosely support the free end of said horizontally-arranged rod, substantially

as described and for the purpose set forth. 6th. The combination, with a suitable seat or frame, of a supporting rod extending partially around the same and secured thereto, a vertically-arranged supporting rod loosely mounted thereon, and a horizontally-arranged serrated rod, to one end of which said vertical rod is attached, a dog adapted to engage with said serrated rod, and a spring located on said vertically-arranged supporting rod, adapted to keep the said horizontal rod connected thereto, in engagement with said dog, substantially as described and for the purpose set forth. 7th. In a posing chair, the combination, with a seat or frame provided with a supporting rod extending partially around the same, and secured thereto, of a vertically-arranged rod, supported by said supporting rod in a coupling, to have a vertical and lateral adjustment thereon, and a horizontally-arranged toothed or serrated rod to which the lower end of said vertically-arranged rod is attached, and a sleeve and dog having a swivel connection with said chair or frame adapted to adjustably support and engage with the said horizontally-arranged rod, substantially as and for the purpose set forth. 8th. In a posing chair, the combination, with a seat or frame, of a vertically-arranged supporting rod, pivotally supported by said seat or frame at a point between its ends, and a horizontally-arranged rod connecting with and supporting the lower end of said vertically-arranged rod, and a sleeve pivotally secured to the chair or frame or a part thereof, for the support of the free end of said horizontally-arranged rod, substantially as described and for the purpose set forth. 9th. The combination, in a posing chair, with a seat or frame, of a pivotally supported vertically-arranged rod, a horizontally-arranged toothed or serrated rod, connecting with the lower end of said vertically-arranged rod, a dog for engaging said toothed or serrated rods, and a spring adapted to exert an elastic pressure upon said serrated or toothed rods, to keep the same in engagement with the said dog, substantially as described and for the purpose set forth. 10th. In a posing chair, the combination, with a suitable seat or frame, of a rotatable, vertically and horizontally-adjustable arm-rest, substantially as described and for the purpose set forth. 11th. In combination with a stationary plate or disc, a compound sliding pivot and clamping disc J, consisting of a secondary plate or disc pivotally secured to the former or stationary plate, and provided with a longitudinal opening therein, for the adjustable reception of a rod, and a transverse opening, communicating with said longitudinal opening, a clamping plate adapted to be seated in said transverse opening, and a set-screw for adjustably supporting and operating said secondary disc and said clamping plate, substantially as described and for the purpose set forth. 12th. A head-rest for posing chairs, consisting of two arms adapted at one end for the support of the head or other object, and at their opposite end having a separate pivotal connection with a supporting plate or disc, and a set-screw for adjustably clamping said supporting plate or disc on a stationary plate or disc, with the pivoted ends of said arms between the adjacent surfaces of the same, substantially as described and for the purpose set forth.

No. 34,993. Button. *(Bouton.)*

Wallace Edward Jackson, and Levis Alfred Platt, Waterbury, Conn., U.S.A., 9th September, 1890; 5 years.

Claim.—1st. In a button, an independent die or clinching-piece, provided with a longitudinal bore, and an enlarged clinching-space, and having its closed end shaped to form a bearing-surface for the cap piece of the button, so that the said cap-piece will not be distorted or injured when under pressure during the upsetting of the rivet, substantially as described. 2nd. The combination, with a centrally-perforated button-flange, of an independent die or clinching-piece, having a closed end and a flared open end, respectively located on opposite sides of the button-flange, through the perforation of which the die or clinching-piece is passed, as set forth. 3rd. The combination, with a centrally-perforated button flange, of an independent die or clinching-piece having an enlarged head, and a shank, respectively located on opposite sides of the button-flange, the said enlarged head inclosing an enlarged clinching space, and the said shank having a longitudinal bore which opens into the said space, substantially as set forth. 4th. In a button, the combination, with a centrally-perforated button flange, of an independent die or clinching-piece having a head and a shank, and provided with an enlarged clinching-space and a longitudinal bore, and a spacer encircling the said shank or a portion thereof, substantially as set forth. 5th. In a button, the combination, with a centrally-perforated button-flange, of an independent die or clinching-piece, having a head and a shank flared at its outer end, the said head and shank being located on opposite sides of the said flange, the head having an enlarged clinching-space, and the shank having a longitudinal bore, and a spacer encircling the shank and held in place by the flared outer end thereof, substantially as set forth.

No. 34,994. Load Lifter. *(Monte-charge.)*

Richard Sargent, Brampton, Ontario, Canada, 9th September, 1890; 5 years.

Claim.—1st. A load lifter, constructed substantially as herein shown and described, and consisting of a bull wheel revolving a shaft, which turns another similar shaft in an opposite direction by the unwinding of a rope made fast at both ends to these shafts, as set forth. 2nd. In a load lifter, the combination, with the wheel C, having the teeth *g* and axle D, of the rope J and axle E, whereby the lift rests, terminated by the hooks *a, a, a*, are wound upon these axles to raise the load, as shown and described, when power is supplied by the pulling of the fall rope *c*, wound upon the barrel of the wheel C, substantially as set forth. 3rd. In a load lifter, the combination, with the frame A, B, having the dog I, of the trucks *c, c, c*, substantially as set forth.

No. 34,995. Reducing Ores.*(Reduction des minerais.)*

Charles James Eames, New York, N.Y., U.S.A., 10th September, 1890; 5 years.

Claim.—1st. As an improvement in the art of carbonaceous re-