

Claim.—An illuminant appliance for gas and other burners, consisting of a cap or hood made of fabric impregnated with the substances hereinbefore mentioned, and treated as hereinbefore described.

No. 23,524. Copying Press. (*Press à Copier.*)

Daniel E. Kempster and James H. Currier, Boston, Mass., U. S., 2nd March, 1886; 5 years.

Claim.—1st. The platen, adapted to be swung down into, or nearly, a horizontal position, in combination with and supported by the same mechanism, which is employed to clamp the book when the impression is being taken, as specified. 2nd. In a copying press, the combination, of a bed adapted for attachment to a vertical support, a platen, having a pivotal and sliding connection with said bed at one edge thereof, whereby the platen may be turned away from the bed to allow of the introduction of the copying-book, and to adjust itself thereto when exerting pressure thereon, and means for pressing the platen toward the bed, substantially as set forth. 3rd. The bed, adapted for attachment to a vertical support, a platen having a sliding and pivotal connection therewith, levers pivoted to the bed, and pressure arms pivoted to and actuated by the latter, whereby the platen may be pressed toward the bed, as described. 4th. In a copying press, the bed *a*, with its recesses *t, t*, and the platen *b*, with its bifurcated stems *r, r* for pivotally connecting them, in combination with a means of limiting the outward sliding movement of the platen, for the purpose specified. 5th. The pivoted pressure arm *k*, in combination with and adjustably secured to the slide or projection *k₁*, for the purpose set forth. 6th. In a copying press, the platen *b*, with lugs *l, l*, bed *a*, pressure arms *k, k* pivoted thereto, and provided with projections *k₂, k₂*, combined with the operating levers *e, e*, pivoted to the bed *a*, and provided with studs *e₂, e₂*, said projections and studs being so constructed and arranged as to prevent the pressure arms *k, k* from disengaging with the lugs *l, l* when pressure is being applied, substantially as described. 7th. In combination, the bed *a* with its pressure arms *k, k* pivoted thereto, and the jaws or projections *k₁, k₁* adjustably connected therewith, in combination with the platen *b* provided with lugs *l, l*, as and for the purpose stated. 8th. The water receptacle *f*, in combination with the bed *a*, for the purpose set forth.

No. 23,525. Parasol or Umbrella.

(*Parasol ou Parapluie.*)

Daniel C. Fisher and Charles L. R. De Lafontaine, Boston, Mass., U. S., 2nd March, 1886; 5 years.

Claim.—A detachable false cover, having a central opening surrounded by a tube and elastic cord, and provided at its border with socket tips, in combination with the frame and cover of a parasol, or an umbrella, substantially as described. 2nd. A detachable false cover, having a central opening surrounded by a tube and an elastic cord, and provided at its border with socket tips, in combination with a parasol or an umbrella, the said cover being larger than the cover proper, substantially as described. 3rd. A detachable cover having a central opening surrounded by a tube, and an elastic cord within the tube, and provided at its border with socket tips, in combination with the frame of an umbrella or a parasol, substantially as described. 4th. A cover, having a central opening surrounded by a tube, in combination with an elastic cord within said tube, the tip of the stick and a ferrule covering the tube and cord, substantially as described.

No. 23,526. Milk Can. (*Bidon à Lait.*)

Edwin T. Slaght, Gowanda, Frank S. Oakes and Sanford F. Burgor, Cattaraugus, N. Y., U. S., 2nd March, 1886; 5 years.

Claim.—1st. A milk can, provided near its top with an interior annular shelf, having an upwardly and inwardly inclined inner face, combined with a cover having a vertical flange, which is outside of the upper edge of the said inclined interior face of said shelf, substantially as set forth. 2nd. A milk can, provided near its top with an interior annular shelf, having an upwardly and inwardly inclined inner face, combined with a doubly perforated cover, having a vertical flange, which is outside of the upper edge of the said inclined interior face of said shelf, substantially as set forth. 3rd. The combination, with a milk can, of a cover having an outer annular flange, and a reticulated or perforated top portion, whereby said cover, when reversed, is adapted to serve as a strainer, substantially as set forth.

No. 23,527. Table Slide. (*Coulisse de Table.*)

Ezra Plenkhard and Morris Youmans (Assignees of Townsend Shilling), Columbus, Ohio, U. S., 2nd March, 1886; 5 years.

Claim.—1st. In a table-slide, having a stop-pin *c*, the combination of the casting *B*, having the web provided with recesses and apertures, rounded flanges, long arm or flange *b₃* parallel with the greater transverse diameter of the slide, and slotted flange *b₄*, with slides having grooves *a, a*, and a connecting mortise to receive said arm *b₃*, substantially as described and for the purpose set forth. 2nd. In a table-slide, a casting *B* having a long arm or flange *b₃*, in combination with the slides *A, A*, having grooves *a* and *C*, mortise *a₁* and stop-pin *c*, substantially as described and for the purpose set forth. 3rd. In a table-slide the section *A* having groove *a, a*, mortise *a₁* and groove *C* for the reception of the stop-pin *c*, a casting *B* provided with a long arm *b₃* projecting through said mortise, in combination with the section *A* having a central groove that engages with flanges formed upon said casting, and a stop-pin *c* that enters groove *C* and abuts against the long arm *b₃* of the casting, substantially as described and for the purpose set forth.

No. 23,528. Sleigh Runner.

(*Patin de Traineau.*)

Stephen C. Brownell, George H. Seelye and Alviras W. Annis, Lapeer, Mich., U. S., 2nd March, 1886; 5 years.

Claim.—The combination, in a sleigh-runner, of the arched bow, the hub gained or grooved in parallel planes above and below, and the connecting-raws and bolts or clips by which the whole is secured together, substantially as and for the purposes specified.

No. 23,529. Dust Collector.

(*Aspirateur le Poussière.*)

Charles H. Morgan, Buffalo, N. Y., U. S., 3rd March, 1886; 5 years.

Claim.—1st. In a dust collector, the combination, with the air spout, of a dust receptacle connected therewith by an aperture, a valve applied to said aperture and opened and closed automatically, and a filter bag having its lower fixed end communicating with said dust receptacle, and having a movable upper end which is lowered to detach the dust from the bag and deliver it into the dust receptacle, substantially as set forth. 2nd. In a dust collector, the combination, with the air spout and the dust receptacle provided with a dust discharge opening, of a filter bag having one end rigidly secured and the other end movable, and a valve whereby the dust discharge opening is automatically opened and closed, substantially as set forth. 3rd. The combination, with the air spout, and the dust receptacle provided with a dust discharge opening, of the filter bag having one end rigidly secured and the other end movable, a valve whereby the connection between the air spout and the filter bag is automatically opened and closed, and a valve whereby the dust discharge opening is automatically opened and closed, substantially as set forth. 4th. The combination, with the air spout and dust receptacle, of a filter bag having its lower end rigidly secured, and its upper end made movable, and a lifting mechanism, substantially as described, attached to said movable end, and whereby the same is raised and lowered, substantially as set forth. 5th. The combination, with the air spout and dust receptacle, of a filter bag having a movable upper end, an air valve interposed between the air spout and the dust receptacle, a dust charge valve, and mechanism, substantially as described, whereby said valves are automatically opened and closed, substantially as set forth.

No. 23,530. Faucet. (*Canule.*)

Henry G. T. Glazebrook, Woodhouse, Ont., 3rd March, 1886; 5 years.

Claim.—1st. In a faucet, the opening *F* formed from the front end inwards to the spigot in a line with the opening *D* of the spigot *C*, and the opening *B* of the faucet *A* by which the rod *H* can be inserted through the entire length of the faucet for removing clogging sediment, all arranged and constructed substantially as and for the purpose specified. 2nd. The combination of the faucet *A*, spigot *C*, opening *F* and plug *G*, substantially as and for the purpose specified.

No. 23,531. Apparatus for Annealing Wire, etc. (*Appareil pour recuire le Fil de Fer, etc.*)

Samuel Fox, London, Eng., 5th March, 1886; 15 years.

Claim.—1st. The arrangement of annealing furnaces and apparatus as herein described, the body of the furnace being divided into two compartments, serving the one as a heating, and the other as a cooling chamber, and containing annealing cylinders to which a rotary motion is imparted, substantially as herein described. 2nd. The arrangement of annealing furnaces and apparatus, consisting of an annealing chamber containing rotating annealing cylinders, each receiving within it an annealing box which approximately fits it and which contains coils of wire to be annealed, substantially as described. 3rd. The employment in annealing apparatus in which rotating annealing cylinders and annealing boxes are employed, of dummy cylinders within such boxes, and within the coils of wire which such boxes contain, substantially as described. 4th. The arrangement of apparatus for annealing wire and metal in other forms, substantially as herein described and represented by the annexed drawings.

No. 23,532. Apparatus for Preserving Eggs.

(*Appareil pour Conserver les Oeufs.*)

Owen W. Jones, New Cambria, Mo., U. S., 5th March, 1886; 5 years.

Claim.—1st. In an egg-preserving apparatus, the combination of an open frame *A*, a sliding frame and a series of independently-journalled grooved rollers *U*, mounted in the sliding frame and having their bearings projected beyond the sliding frame, and provided with bearing wheels *V*, adapted to bear on the track or way of the main frame, and support the sliding frame therein, substantially as described. 2nd. In an egg-preserving apparatus, the combination of an open main frame having a track or way, a sliding frame arranged between the track of the main frame, and the lower edge of the side pieces below the plane of such track, and a series of grooved rollers independently-journalled in the sliding frame, and having bearing-wheels *V*, rigidly secured to the bearings of the rollers, and bearing on the track or way of the main frame, whereby the sliding frame is suspended from the track or way, and the rollers are rotated when the frame is operated, substantially as described. 3rd. In an apparatus for preserving eggs, the combination of a main frame, a sliding frame mounted therein, and having a series of independently-journalled grooved rollers having bearing-wheels *V*, and a stop-pin adapted to limit the movement of the sliding frame, substantially as described. 4th. In an apparatus for preserving eggs, the combination of a main frame, a sliding frame mounted on and suspended from said frame, a series of independently-journalled grooved rollers having bearing-surfaces, and an adjustable stop-pin adapted to vary and limit the movement of the sliding egg-carrying frame, substantially as described. 5th. In an apparatus for preserving eggs, the combination of a main frame, an egg-carrying frame having grooved rollers and arms *W*, adapted to slide on the main frame, and a stop adjustably secured to the main frame and adapted to engage the sliding egg-carrying frame, to limit and vary the movement of the latter frame, as set forth. 6th. In an apparatus for preserving eggs, the combination of a main frame, a sliding frame mounted thereon, and