of the bearing of the knee, as and for the purpose shown and set

No. 26,874. Churn. (Baratte.)

Stephen F. Keirstead, St. John, N.B., 5th June, 1887; 5 years

Claim.—1st. The combination of the creamer and the cream preserver by the coupling at G and E, with the rubber tubing B and the clasp A, substantially as and for the purpose hereinbefore set forth. 2nd. The combination, with the creamer and the cream preserver coupled at G and E, with the rubber tubing B and clasp A, of the hooks H, H, cords J, J, and rings C, C, substantially as and for the purpose hereinbefore set forth.

No. 26,875. Process of Evaporating Sugar Solutions and other Liquids, and Apparatus for Carrying on the same. (Procédé d'évaporation des solutions saccharines et autres liquides, et appareil pour cet objet.)

solutions saccharines et autres liquides, et appareil pour cet objet.)

Samuel M. Lillie, Philadelphia, Penn., U.S., 5th June, 1887; 5 years. Claim.—Ist. In an apparatus for evaporating liquids, a series of vertical, or approximately vertical, surfaces, heated by steam or otherwise, means for delivering the liquid to be evaporated upon each surface at or near the top, and means for maintaining a vacuum, more or less perfect, in the spaces in which the surfaces apparatus forestonerating liquids, consister, means for delivering the liquid to be evaporated upon the interior surfaces of each tube, near its upper end avenues, for the escape of the vapors of evaporation from the from the interior of the tubes, and means for maintaining a more or less perfect vacuum in the interiors of the tubes, substantially as specified. 3rd. In an apparatus for the evaporation of liquids, the combination of a battery of vertical tubes extending from the chamber G into the interior of the tubes and adapted to deliver the liquid over the same, and means for maintaining a more or less perfect vacuum in the tubes, substantially as beating, and the liquid over the liquid the liquid liquid from the lower ends of the tubes, and means for delivering a liquid substantially as described, chamber P and conduit Y connecting liquids, the combination of a battery of tubes contained in a suitable heating liquid from the lower ends of the tubes, and means for maintaining a more or less perfect vacuum in the well P. substantially as specified. S

### No. 26,876. Steel Horse Check-Rein and Nose Extender. (Fausses. Rênes.)

Thomas J. Quinn and Donald McLellan, Woodstock, Ont., 5th June, 1887; 5 years.

Claim.—The combination of the longer arm or check-rein B, A, and the shorter arm or check piece A, C, adjusted by means of the brace D, E, and its sliding spring, and fastened to the bit by the

spring safety lock in the manner described and substantially as and for the purpose hereinbefore set forth.

## No. 26,877. Manufacture of Blood Albumen.

(Fabrication de l'albumine sanguine.)

Thorsten Nordenfelt, Westminster, Eng., 5th June, 1887; 5 years.

Thorsten Nordenfelt, Westminster, Eng., 5th June, 1887; 5 years. Claim.—1st. My improvements in the manufacture of blood albumen, consisting in separating by stirring or wisking the fibrine from blood, then adding sugar and a volatile oil, afterwards separating the heavier particles by centrifugal action, and finally evaporating and drying the albumen, substantially as described. 2nd. My improvement in the manufacture of blood albumen, by the addition thereto whilst under process of manufacture of sugar and a volatile oil, or either of them, substantially as described. 3rd. My improvement in the manufacture of blood albumen, consisting in the separation from serum of blood corpusoles by passing the material through a centrifugal machine, substantially as described.

# No. 26,878. Electric Conductor.

(Conducteur d'électricité.)

Henry F. Campbell, Boston, Mass., U.S., 6th June, 1887; 5 years.

Henry F. Campbell, Boston, Mass., U.S., 6th June, 1887; 5 years. Claim.—lst. An electric stranded conductor, composed of two or more strands, strips, tapes or wires of iron twisted together, as and for the purpose described. 2nd. An electric stranded conductor, composed of two or more strands, strips, tapes, or wires of annealed iron twisted together, as and for the purpose described. 3rd. An electric stranded conductor, composed of two or more strands, strips, tapes, or wires of iron twisted together, and provided with a covering of insulating material, substantially as described. 4th. An electric stranded conductor, composed of two or more independent stranded conductors twisted together, each stranded conductor being composed of two or more strands, strips, tapes or wires of iron twisted together, substantially as described. 5th. A cable, composed of two or more independent stranded conductors grouped together and separated by insulation, each stranded conductor being composed of two or more strands, strips, tapes, or wires of iron twisted together, the said stranded conductors grouped together, being covered with insulation, substantially as described.

## No. 26,879. Dental Disk. (Disc dentaire.)

Benjamin H. Teague, Aiken, S.C., U.S., 6th June, 1887; 5 years.

Claim.—A dental polishing tool, consisting of a concave-convex disk of sand or emery, paper, or emery or crocus cloth, coated upon its back with shellac varnish and a solution of sandarac, as and for the purpose described.

#### No. 26,880. Surgeon's Combined Chair and Table. (Fauteuil-table de chirurgie.)

Albert J. Marston, Worcester, Mass., U.S., 6th June, 1887; 5 years.

Claim.—1st. The back frame e, bail-brace i hinged to the upper end of said frame, frame / having one or more supporting shoulders upon the upper side thereof to receive the bottom of said bail-brace i, and an adjustable device arranged on one of the legs of frame / for charm.—1st. The back Itame e, ball-brace a linged to the upper end of said frame, frame f having one or more supporting shoulders upon the upper side thereof to receive the bottom of said ball-brace in said notches, comprising a hinged lever provided with hooks or projections upon the upper side thereof, adapted to engage with and hold the bottom of the brace, also provided with means for forcing said lever towards the holding notches aforessid and means whereby it may be forced back therefrom, in combination with frame g hinged at the upper end eto the upper end of frame e, frame h hinged to the lower end of frame g, and adjustable means connected with the outer end of frame h, and the bottom of frame e for supporting said outer end of frame h, substantially as shown and specified. 2nd. An adjustable device arranged on one of the legs of the back supporting frame f for holding the bottom of the bail-brace in the notches formed in the top side of said frame, comprising a hinged lever provided with hooks or projections upon the top side thereof, adapted to engage with and hold said bottom of the bail-brace, and means whereby it may be forced back therefrom to release said bail-brace, substantially as shown and specified. 3rd. In a surgeon's combined operating chair and table, the extension frame y provided with the projecting rod or bar yr upon the under side thereof, fork-shaped at its extremity, also provided with two or more dowels upon its abutting edge, in combination with the frame g provided with the openings s6 in the end and side edges thereof, also with the holding loops y2, p3, and the fastening screw and nut y4, y5 or their equivalents, whereby said extension frame may be fastened upon the end or one side of frame e, substantially as and for the purposes set forth. 4th. In a surgeon's combined operating chair and table, the extension supporting frame e, and provided with the extension bar fit fitted to slide longitudinally in the central part of said brace, also provided with the set screw u and nut