

No. 6082. Improvements on air Coolers.*(Perfectionnements aux réfrigérants à air.)*

James H. Bellinger, Jr., Ogdensburg, N. Y., U. S., 16th May, 1876 for 5 years.

Claim.—1st. The combination of the outside tank G, cover J, the register and stopper K, with inner tank H, to form a cool air chamber I; 2nd. The combination with the tank A, of the pipes L, and N cross-pipes O and registers to distribute the cool air to the milk liquids, &c.; 3rd. The combination of the tank A, with the milk pan C, or other vessel containing liquids milk, &c., to cool them 4th. The combination of the tank A, with the staging J, runner S, rods or running bars or their equivalent, in order to distribute cooled air where wanted, in a room, dairy-room, &c., or over, under or around the milk pans, &c.; 5th. The combination of the tank A, the pipes N, stoppers H, with communicating pipes coupled, hinged or linked, and registers to distribute cool air over, under, around or through any number of milk pans, &c., or throughout adjacent rooms, dairy-rooms, &c.; 6th. In combination with the tank A, the runner S, pulley T, chains V, and W, or other gearings by which the air cooler is lowered or raised, or conducted around the rooms, dairy-rooms, &c.

No. 6083. Improvements in Capstans.*(Perfectionnements aux cabestans.)*

James H. David, Damariscotta, Me., U. S., 16th May, 1876, for 5 years.

Claim.—The capstan formed of a set of vertical rollers or spindles B, C, with a double head D, E, and operated at different speeds by means of the cogged gearings F, G, H.

No. 6084. Improvements on Door Alarms.*(Perfectionnements aux timbres de portes.)*

William Tanner, Onondaga, Ont., 16th May, 1876, for 5 years.

Claim.—1st. The combination of the alarm and bell with strings or wires H and M 2nd. The combination of the elastic band I, on the end of string H, at front door, 3rd. The combination of weight P, on string M, with elastic I, on string H, by which the alarm is worked for the back door or any other door

No. 6085. Machine for Swaging Saw-Teeth.*(Machine à donner la voie aux scies.)*

Francis Cullham, Theilford, Ont., 16th May, 1876, for 5 years.

Claim.—The combination of the socket A, pin B, bolt C, upset D, and notches F.

No. 6086. Glove and Garment Fastening.*(Agrafe de gants et de vêtements.)*

Frank G. Farnham, Hauley, Pa., U. S., 16th May, 1876, for 5 years.

Claim.—The bed plate B, in combination with the staple C, and hasp E.

No. 6087. Improvement in Wrenches.*(Perfectionnement des clés à écroux.)*

Jay W. Powers and Francis M. Melick, Chicago, Ill., U. S., 16th May, 1876, for 5 years.

Claim.—1st. The stationary jaw B, provided with the longitudinal grooves a, and having a portion removed to form the shoulders b; 2nd. The movable jaw C, provided with the flanges D, and the opposite end provided with a screw thread; 3rd. The nut B', in combination with the jaws B, and C.

List of Patents issued up to 21st June, 1876, but not yet Officially published in the Patent Office Record.

No. 6089. L. R. Broadbent & C. F. Broadbent, Baltimore, Md., U. S. A., "Process of Separating Woollen from Cotton Fibre," 17th May, 1876.
 No. 6090. S. J. Anderson, Cazenovia, New-York, U. S. A., "Plaiting Machine," 17th May, 1876.
 No. 6091. Jas McCormack, Waverly, Iowa, U. S. A., "Hair Restorer," 23rd May, 1876.
 No. 6092. P. Bilyen, Sr., Prariton, Ill., U. S. A., "Binding Rod for Bridge Beams," 23rd May, 1876.
 No. 6093. A. Gibeau, Montreal, Que., "Ironing Board," 23rd May, 1876.
 No. 6094. W. G. Beattie, London, Eng., "Slide Valve and Piston," 23rd May, 1876.
 No. 6095. W. G. Beattie, London, Eng., "Axle Box," 23rd May, 1876.
 No. 6096. J. F. Guthrie, Sumnerville, Mass., U. S. A., "Ejector Condenser," 23rd May, 1876.
 No. 6097. H. F. King, Corry, Pa., U. S. A., "Sectional Steam Boiler," 23rd May, 1876.
 No. 6098. A. Smith, Clifton, Ont., "Furnace," 23rd May, 1876.
 No. 6099. D. M. Skinner & E. Gould, Sandwich, N. H., U. S. A., "Plate Sifter," 23rd May, 1876.
 No. 6100. J. E. Quesnel, Arthabaskaville, Que., "Prison Lock," 23rd May, 1876.
 No. 6101. E. Gray, Chicago, Ill., U. S. A., "Electro-harmonic Telegraph," 23rd May, 1876.
 No. 6102. J. A. Quesnel, Arthabaskaville, Que., "Safety Lock," 23rd May, 1876.
 No. 6103. A. Smith, Clifton, Ont., "Blast Furnace for Reducing Ore," 23rd May, 1876.
 No. 6104. J. L. Johnston, Sherbrooke, Que., "Fluid Beef," 23rd May, 1876.
 No. 6105. A. Aubut, Trois-Pistoles, Que., & T. Aubut, Ste. Flavie, Que., "Root-cutter," 23rd May, 1876.
 No. 6106. M. Thompson, Cowansville, Que., "Nicotine Extracting Tobacco Pipe," 23rd May, 1876.
 No. 6107. J. Fairburn, Upton-Station, Que., "Steam Balance Valve," 23rd May, 1876.
 No. 6108. J. C. Burton, St. Thomas, Ont., "Sewing Machine Attachment," 23rd May, 1876.
 No. 6109. W. Green, Brantford, Ont., "Cultivator and Gang-plough Gear," 23rd May, 1876.
 No. 6110. G. W. Green & A. D. Green, Greensville, Ont., "Car-coupler," 23rd May, 1876.
 No. 6111. J. Kealy & P. Kealy, Gloucester, Ont., "Potato-digger," 23rd May, 1876.
 No. 6112. H. D. Dunbar, North Hartland, Vt., & J. M. Foss, St. Albans, Vt., U. S. A., "Exhaust," 23rd May, 1876.
 No. 6113. P. Aline, Langton, Ont., "Seeding Machine," 23rd May, 1876.
 No. 6114. T. Silts, Fort Erie, Ont., "Railway-signal," 23rd May, 1876.
 No. 6115. J. Power, Kingston, Ont., "Metallic Roof," 23rd May, 1876.
 No. 6116. A. Moore, Shellsburg, Iowa, U. S. A., "Well Waller," 23rd May, 1876.
 No. 6117. C. P. Kelsey & J. L. Multer, Richmondville, N. Y., U. S. A., "Grain Cradle Fingers," 23rd May, 1876.
 No. 6118. R. Hennech & L. Boyer, Washington, D. C., U. S. A., "Saw Sharpening and Setting Machine," 23rd May, 1876.
 No. 6119. J. E. Wheeler, Lynn, Mass., U. S. A., (Assignee of L. L. Barber, Boston, Mass., U. S. A.), & T. W. Coy, Cambridge, Mass., U. S. A., "Wax Thread Sewing Machine," 23rd May, 1876.

No. 6120. D. P. Sharp, Ithaca, N. Y., U. S. A., "Horse Rake," 13rd May, 1876.
 No. 6121. S. Van Benschoten, Evanston Ill., U. S. A., "Textile and Fibrous Fabric," 23rd May, 1876.
 No. 6122. J. Sherman, Chicago, Ill., U. S. A., "Tan Bark Process," 23rd May, 1876.
 No. 6123. H. T. Bartlett, Brooklyn, N. Y., U. S. A., "Veneer Cutting chine," 23rd May, 1876.
 No. 6124. H. Hassenpflug, Huntingdon, Pa., U. S. A., "Liquid Strainer," 23rd May, 1876.
 No. 6125. R. P. Goucher, Lowellville, Ohio, U. S. A., (Assignee of J. McCaskey), Newcastle, Pa., U. S. A., "Combination Lock," 23rd May, 1876.
 No. 6126. E. L. Good, Brantford, (Assignee of J. W. Cuthbertson, Brantford), "Refrigerator," 23rd May, 1876.
 No. 6127. O. H. Smith, Waterville, Me., U. S. A., "Logging Dog," 23rd May, 1876.
 No. 6128. O. Russell, Sycomore, Ill., U. S. A., "Paint Dryer," 23rd May, 1876.
 No. 6129. W. Smith & J. W. Rouse, Independence, Ky., U. S. A., "Spring Equalizer," 23rd May, 1876.
 No. 6130. J. W. McDonald, Campbelltown, N. B., "Self-discharging Ballasting-car," 23rd May, 1876.
 No. 6131. J. S. Barker, Springfield, Mass., U. S. A., "Carburetting Air Apparatus," 23rd May, 1876.
 No. 6132. M. O. Smith, New Buffalo, Mich., U. S. A., "Saw Gummer," 23rd May, 1876.
 No. 6133. J. King Port Perry, Ont., "Car-coupler," 23rd May, 1876.
 No. 6134. E. B. Kunkle, Fort-Wayne, Ind., U. S. A., "Safety Valve," 23rd May, 1876.
 No. 6135. G. W. Hubbard Windsor, Vt., U. S. A., "Coffee Pots," 23rd May, 1876.
 No. 6136. N. P. Dion, Coaticook, Que., "Clothes Dryer," 23rd May, 1876.
 No. 6137. H. L. Parkin, Chatham, Ont., "Oven," 23rd May, 1876.
 No. 6138. J. O'Sullivan, Quebec, Que., "Horse-shoes," 23rd May, 1876.
 No. 6139. C. H. Edwards, Montreal, Que., & L. Latlin, Chicago, Ill., U. S. A., "Gas Regulator," 23rd May, 1876.
 No. 6140. M. T. Lucie, Ste.-Sophie, Que., "Preparation of Family Groats," 23rd May, 1876.
 No. 6141. S. Wallace, Seaford, Ont., (Assignee of J. D. McEachern, Harrison, Ont.), "Barre and Cheese-box Machine," 23rd May, 1876.
 No. 6142. E. B. Cady, Swetsburg, Que., "Saw-clamp," 23rd May, 1876.
 No. 6143. R. H. Webb, Brooklyn, N. Y., U. S. A., "Fountain Lamp," 23rd May, 1876.
 No. 6144. P. D. Heddewick, Glasgow, Scot., "Skate," 23rd May, 1876.
 No. 6145. J. W. Bowles & D. A. Curtis, Petersburg, Mich., U. S. A., "Dry Wood Pulp Manufacture," 23rd May, 1876.
 No. 6146. W. B. Wilcox Ypsilanti, Mich., U. S. A., "Chain Pump-bucket," 23rd May, 1876.
 No. 6147. J. A. Gordon & J. E. Thomas, Barrie, Ont., "Saw Mill-machine," 23rd May, 1876.
 No. 6148. J. H. Wickes, New York, U. S. A., "Refrigerator Car," 23rd May, 1876.
 No. 6149. C. O. Brown, Lawrenceville, Que., "Lifting Machine," 23rd May, 1876.
 No. 6150. J. E. Wilson, Galt, Ont., "Steam Engine Governor," 23rd May, 1876.
 No. 6151. L. Guyon, Verchères, Que., "Ditch Shovel," 23rd May, 1876.