

- 48,170 Automatic apparatus for raising liquids, Benj. Kerr, Toronto, Ont.  
 48,171 Electric heater, The Consolidated Car Heating Co., Albany, N.Y.  
 48,172 Electric heater, The Consolidated Car Heating Co., Albany, N.Y.  
 48,173 Electric heater, The Consolidated Car Heating Co., Albany, N.Y.  
 48,174 Automatic weighing and package filling machine, Wm. Hy. Doble, Quincy, Mass.  
 48,175 Apparatus for aerial navigation, Nicholas Hermann, Borgfelt, Brooklyn, and Chas. F. Zenker, New York, N.Y.  
 48,176 Machine for making paper boxes, Eugene H. Taylor, Lynn; John F. Spaulding, Boston; Jas. G. Tewkesbury, Somerville, and Benj. Spaulding, Tewkesbury, Mass.  
 48,177 Astronomical chart, Frank E. Ormsby and Ebenezer Sprague, Chicago, Ill.  
 48,178 Automatic vehicle brake, Horace D. Cool, Little Valley and Chas. G. Locke, Randolph, N.Y.  
 48,179 Slat and wire loom, Chas. E. Parks, Watertown, Wis.

- 48,180 Stapling and cutting machines, Chas. E. Parks, Watertown, Wis.  
 48,181 Stapling and cutting machine, Chas. E. Parks, Watertown, Wis.  
 48,182 Painting machine, Wm. C. Gebhart, Otis McGaffey, jr., and Chas. J. Butfield, Luling, Texas.  
 48,183 Connecting flue for water gas apparatus, The Economical Gas Apparatus Construction Co., Toronto, Ont.  
 48,184 Journal lubricator, Miss Julia E. Wright, Windsor, Ont.  
 48,185 Brake beam, Chas. B. King, Adolph Barthel and Jas. Whittemore, Detroit, Mich.  
 48,186 Burglar alarm for railway trains, Max. Z. Levy, Kansas City, Mo.  
 48,187 Bank reel, Geo. J. Torrance, Kearney, N.J.  
 48,188 Weather strip, Walter T. Hall, and Wm. J. Bayliss, London, Eng.  
 48,189 Process for producing alcohol, Roht. Zdarek, Vienna, Austria.  
 48,190 Evaporating apparatus, Thos. Craney, Bay City, Mich.  
 48,191 Match box, Jean M. Heimann, Sandfield, Germany.

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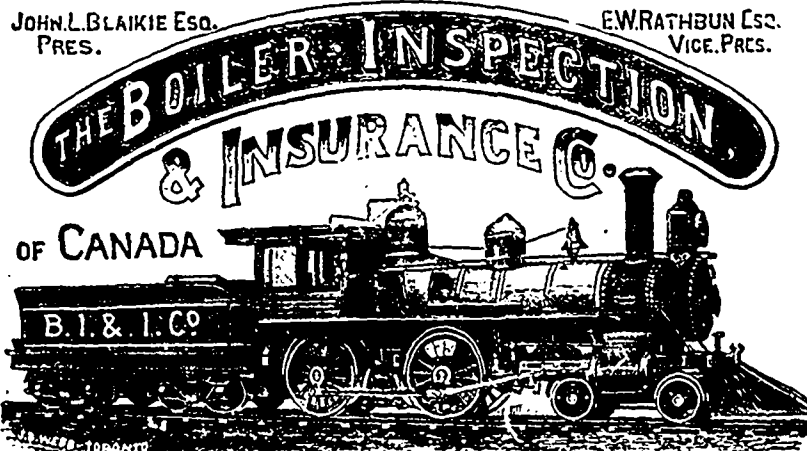
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