

No. 17,051. J. W. and T. F. Giles, South Avington, Mass., "Wrenches," 21st June, 1883.

No. 17,055. J. W. Bennett, Halifax, N.S., "Stencil holder," 22nd June, 1883.

No. 17,056. A. R. Yost and T. Wilson, Somerset, Ohio, "Combined sheeps and calf racks and troughs," 22nd June, 1883.

No. 17,057. A. C. Searr and D. D. Smith, Hamilton, Ont., "Combined Harrows and seeders," 22nd June, 1883.

No. 17,058. W. McKay, Winnipeg, Manitoba, "Cement," 22nd June, 1883.

No. 17,059. D. Conboy, Uxbridge, Ont., "Carriage top," 22nd June, 1883.

No. 17,060. D. Conboy, Uxbridge, Ohio, "Buggy tops," 22nd June, 1883.

No. 17,061. W. F., J. P. and J. G. Aldert, San Francisco, Cal., "Velocipedes," 22nd June, 1883.

No. 17,062. J. Brady, North Chelmsford, Mass., "Circular knitting machines," 22nd June, 1883.

No. 17,063. W. Neracher, Cleveland, Ohio, "Fire extinguishers and alarm apparatus," 22nd June, 1883.

No. 17,064. A. McKillop, London, Ont., "Fruit pickers," 22nd June, 1883.

No. 17,065. J. B. Grand and T. Barfoot, Toronto, Ont., "Printing ink for cheques, bills, etc.," 22nd June, 1883.

No. 17,066. L. Walkup, Rockford, Ill., assignee, "Pigment distributors," 22nd June, 1883.

No. 17,067. J. B. Rouillard, Montreal, Que., "Matches," 22nd June, 1883.

No. 17,068. A. B. Farm, Strattonville, and J. E. Dean, Reynoldsville, Penn., "Wagon jacks," 22nd June, 1883.

No. 17,069. G. P. Travers, N. Y., assignee, "Ham-mock," 22nd June, 1883.

No. 17,070. The Worcester Barb Fence Company, Worcester, Mass., "Machine for applying barbs to fence wires," 22nd June, 1883.

No. 17,071. The Vulcan Iron Works Company, Oswego, N.Y., assignee, "Friction clutch or loose pulleys," 22nd June, 1883.

No. 17,072. E. B. Attwell, Leesburg, Vir., "Sash fasteners," 22nd June, 1883.

No. 17,073. C. R. Chute, Minneapolis, Minn., "Rein guards for horses," 22nd June, 1883.

No. 17,074. C. E. Hurn, Barnston Corner, Que., "Butter workers," 22nd June, 1883.

No. 17,075. E. Thomson, New Britain, Conn., "Electric arc lamps," 22nd June, 1883.

No. 17,076. T. A. Edison, Menlo Park, N.Y., "System of electrical distribution," 22nd June, 1883.

No. 17,077. T. A. Edison, Menlo Park, N.J., "Electrical generators and motors," 22nd June, 1883.

No. 17,078. J. H. Lancaster, New York, "Pipe cutter with wrench and bur scraper attachments," 22nd June, 1883.

No. 17,079. J. Green, Wilnot, Ont., "Adjustable drier off ligs, taps and cocks," 22nd June, 1883.

No. 17,080. E. Wilkinson, Paterson, N. J., "Clutches," 22nd June, 1883.

No. 17,081. J. F. Gilliland, Ind., Ind., "Cylinders for the rotary armatures of magneto electric generators," 22nd June, 1883.

No. 17,082. T. P. Tucker, Batesville, Arkansas, "Tanning of skins," 22nd June, 1883.

No. 17,083. A. Meyers-ahm, Hamilton, Ont., "Machine for perfecting cigars," 22nd June, 1883.

No. 17,084. W. H. Carmont, Manchester, Eng., "Tires for wheels," 22nd June, 1883.

No. 17,085. W. L. Cassaday, Southbend, and F. D. Smith, New Carlisle, Indiana, "Oars," 22nd June, 1883.

No. 17,086. J. Shaw, Hindermarsh, S. Australia, "Leather," 25th June, 1883.

No. 17,087. W. J. Tanner, London, Eng., "Machine for separating gold and silver," 25th June, 1883.

No. 17,088. A. Hellhoff, Mayence, Germany, and H. Gruson, Buekan, Prussia, "Explosive matter," 25th June, 1883.

No. 17,089. R. J. Gulcher, Bieltz Blaha, Austria, "Electric lamps," 25th June, 1883.

No. 17,090. G. W. Mowry, Rochester, N. Y., "Preserving eggs and fruit," F. W. Storms, assignee, 25th June, 1883.

No. 17,091. H. B. Murdock, Detroit, Mich., "Injectors," 25th June, 1883.

No. 17,092. N. Kaiser, Grellingen, Switzerland, "Sorting machines for wood and pulp," 25th June, 1883.

No. 17,093. M. B. Navin, Kilealdy, Scotland, "Manufacture of linoleum," 25th June, 1883.

No. 17,094. B. T. Steber, Utica, N. Y., "Machine for making match splints," 25th June, 1883.

No. 17,095. M. J. Baxter, Aurora, Illinois, "Telephonic transmitters," assignee, 25th June, 1883.

No. 17,096. M. L. Baxter, Aurora, Illinois, "Telephonic receivers," assignee, 25th June, 1883.

No. 17,097. M. Gross, New York, N. Y., "Retorts for gas," 25th June, 1883.

No. 17,098. W. Bushell and W. T. Haydon, Dover, Eng., "Machinery for expressing oil," 25th June, 1883.

No. 17,099. F. Jacob, Wollwick, Eng., "Electrical conductors," 25th June, 1883.

No. 17,100. C. Pieper, Berlin, Prussia, "Wire Fence," 25th June, 1883.

No. 17,101. W. S. Lamson, Lowell, Mass., "Cash carriers," 25th June, 1883.

No. 17,102. B. R. Welch, Wolf Creek, Penn., "Brakes," 25th June, 1883.

No. 17,103. J. H. Lackey, Wabasha, Minn., "Claw bars," 25th June, 1883.

No. 17,104. A. Davis, Montreal, Que., assignee, "Berths," 25th June, 1883.