

- 48,658 Hoop making machine, The Pleukharp Barrel Machine Co., Columbus, O.  
 48,659 Stave jointing machine, The Pleukharp Barrel Machine Co., Columbus, O.  
 48,660 Fireproof floor and ceiling, Chas. A. Balph and Elisha P.S. Wright, Pittsburg, Pa.  
 48,661 Gearing for electric cars, Jno. C. Henry, Westerfield, N.J.  
 48,662 Apparatus for the manufacture of gas from liquid hydrocarbons, Chas. W. Pinkey, and Tangyes, Soho, Eng.  
 48,663 Rock drill, Geo. B. Jones, Hy. B. Gillespie, and Byron, E. Shear, Denver, Col.  
 48,664 Method of and apparatus for purifying liquids, Louis Wagner, and Jno. Marr, Baltimore, Md.  
 48,665 Apparatus for producing cold, I. and E. Hall, London, Eng.  
 48,666 Package carrier, Emanuel C. Gipe, Freeport, Ill.  
 48,667 Telephone system, Jas. F. Gilliland, Adrian, Ill.  
 48,668 Surgical splint, Reinhold Hoppe, San Francisco, Cal.  
 48,669 Bolt, Jacob Dinkelacker, jr., Milnesville, Pa.  
 48,670 Motor truck, Jno. A. Brill, Philadelphia, Pa.  
 48,671 Garment protector, Annable C. Bull, Peoria, Ill.  
 48,672 Method of enamelling metal ware, Hubert Claus, Thalem-Harz, Germany.  
 48,673 Bag holder, Jno. H. Thamer, Roseville, Ont.  
 48,674 Car seal and lock, Wm. L. Sebring and Wm. K. Edgar, Colorado Springs, Col.  
 48,675 Bevel and square, Timothy Fahey and Jas. G. Echenauer, Spokane, Washington.  
 48,676 Fire extinguisher, Geo. T. McLaughlin, Boston, Mass.  
 48,677 Fish hook, Jas. T. Hastings, and Chas. A. Crane, Chicago, Ill.  
 48,678 Fire igniter, Jno. Wm. Wailes, Ponteland, Eng.  
 48,679 Water filter, Thos. T. Luscombe, Carthage, Mo.  
 48,680 Homer A. Huntington and Angus G. McKenzie, Boston, Mass.  
 48,681 Underground conduit for electric roads, Romeoville, Ill.  
 48,682 Ornamental cards, etc., of mica, Wilbur, R. Hitchcock, Cornwall, Ont.  
 48,683 Box nailing machine, Wm. S. Doig, Brooklyn, N. Y.  
 48,684 Machine for scoring paper boards, Chauncey W. Gay, West Springfield, Mass.  
 48,685 Hair pin, Morrill N. Packard, Baltimore, Md.  
 48,686 Flame regulator for lamps, Wm. M. Harrison, Williamsport Pa.  
 48,687 Machine for making wire chains, Chas. F. Smith, Bridgeport, Conn.  
 48,688 Linotype machine, The Mergenthaler Linotype Co., New York, N. Y.  
 48,689 Method of soldering tin vessels, Otto Asche, Paris, France.  
 48,690 Bait for fishing, Jas. T. Hastings and Chas. A. Crane, Chicago, Ill.  
 48,691 Manufacture of water-proof shirt collars, etc., Wm. D. Mitchell, and Jno. Mitchell, Toronto, Ont.  
 48,692 Tool for wire working, Geo. D. Lockwood, Ypsilanti, Mich.  
 48,693 Cup and saucer holder, Oscar L. Miller, Ravenna, Neb.  
 48,694 Johannes T. Pedersen, New York, N. Y.  
 48,695 Fishing reel, Granville E. Medley, Hopkinsville, Ky.  
 48,696 Life preserver, Peter Hohmann, Stapleton, N. Y.  
 48,697 Type casting and composing machine, The Tachytype Mnfgr. Co., Minneapolis, Minn.  
 48,698 Dredging apparatus, Christopher Gullmann, New York, N.Y.  
 48,699 Sash fastener, Jas. B. Morgan, Davenport, Iowa.  
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 48,704 Ventilator for locomotive ash pans, Ellis Marshall, Fort Madison, Iowa.  
 48,705 Ed. C. Hargrave, Bay City, Mich.  
 48,706 Roof framing tool, Jno. Parkhill, Rochester, Minn.  
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 48,708 Machine for producing type high printing bars, The Fowler Composing and Type Setting Co., Chicago, Ill.  
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 48,710 Truck, Chas. Kynoch, St. Ignace, Mich.  
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 48,715 Process and apparatus for making seamless hollow or tubular bodies with ribs or flanges, Oscar Fridrich and Wilhelm Schulte, Duisburger Eisen & Stahlwerke, Germany.  
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 48,730 Lubricator, Norman R. Weaver, Selma, Ala.  
 48,731 Curd cutting machine, Adam E. Bouchard, Victoriaville, Que.  
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 48,734 Seal lock, Claudius V. Boughton, Buffalo, N.Y.  
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 48,736 Cable carrier, Hy. H. Bliss, Washington, D. C.

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