

Patents issued up to 16th August, 1882, Claims and Drawings of which will appear in a subsequent number of the Patent Record.

No. 15,216. S. M. Allen, Duxbury, Mass., "Improvement in Grinding Wood for Paper Pulp," 31st July, 1882.

No. 15,217. Peter Musser, Muscatine, Iowa, "Log Deck for Saw Mills," 31st July, 1882.

No. 15,218. Jesse Wentworth, Pavyon, Hyde Park, Mass., and W. M. Scribner, Chicago, Ill., "Patent Cover and Blotter," (Extension of Patent No. 7705,) 31st July, 1882.

No. 15,219. The Montreal Saw Works, Assignees, Montreal, Que., "Improved Saw Handles," 31st July, 1882.

No. 15,220. Alfred Brown and W. M. Brown, Ottawa, Ont., "Pantalon Waist Band Attachment," 31st July, 1882.

No. 15,221. James McCarroll, New York, N. Y., "Self-acting Elevator Safety Apparatus," 31st July, 1882.

No. 15,222. William Hanna, Gilroy, Cal., "Improved Steam Cylinder and Piston," 31st July, 1882.

No. 15,223. William Kenneyson, Norristown, Penn., "Improved Bicycle Handle," 31st July, 1882.

No. 15,224. George Morehouse, Aylmer, Que., "Improved Churn," 31st July, 1882.

No. 15,225. H. W. Leland, South Framingham, Mass., "Plugs for Electrical Switch Boards," 31st July, 1882.

No. 15,226. I. A. Salmon, Boston, Mass., "Car Heater," 31st July, 1882.

No. 15,227. F. M. Lechner, Columbus, Ohio, "Drive Chain," 31st July, 1882.

No. 15,228. A. J. Dennis, Nicholasville, Kentucky, "Patent Loops," 31st July, 1882.

No. 15,229. J. H. Boers and J. Ridgo, Chicago, Ill., "Water Elevation," 31st July, 1882.

No. 15,230. C. N. Smith, Brooklyn, N. Y., "Tool for Dressing Cylinders," 31st July, 1882.

No. 15,231. F. N. Marais, New York, N. Y., "Family Fruit Press," 31st July, 1882.

No. 15,232. T. N. Kirkham, Westminster, D. Hulell, High Holbourne, S. Chandler and J. Chandler, Newington, Causeway, Eng., "Patent Gas Scrubber," (Extension of Patent No. 7770,) 1st August, 1882.

No. 15,233. T. N. Kirkham, D. Hulell, High Holbourne, S. Chandler and J. Chandler, Newington, Causeway, Eng., "Patent Gas Scrubber," (Extension of Patent No. 7770,) 2nd August, 1882.

No. 15,234. C. J. Shurly and J. C. Dietrich, Assignees, Galt, Ont., "Saw Frame," (Extension of Patent No. 9119,) 2nd August, 1882.

No. 15,235. C. J. Shurly and J. C. Dietrich, Galt, Ont., Assignees, "Saw Frame," (Extension of Patent No. 9119,) 2nd August, 1882.

No. 15,236. D. Juno, Fremont, Ohio, Assignee, "Spark Arrestor," (Extension of Patent No. 7733,) 3rd August, 1882.

No. 15,237. J. E. Baril, Montreal, Que., Assignee, (Extension of Patent No. 7740,) 4th August, 1882.

No. 15,238. G. Bettessen, Wilmot, Ont., "Cultivator Tooth No. 1," 4th August, 1882.

No. 15,239. S. H. Cochran, Everett, Mass., "Compound to be used in the Place of Butter and Lard," 4th August, 1882.

No. 15,240. S. Levy, Denver, Col., "Preparation of Yeast," 4th August, 1882.

No. 15,241. W. Lampert and H. Hubert, Crestline, G. H. Butler, G. W. Earhart and W. M. Crawford, Columbus, Ohio, "Bretzel Machines," 7th August, 1882.

No. 15,242. S. G. Graham, London, Ont., "Millennial Harvester," 7th August, 1882.

No. 15,243. B. Baldwin, New York, N. Y., "Helix Corset," 7th August, 1882.

No. 15,244. G. H. Waring, Indiantown, N. B., "Machine for making Bolts Spikes Rivets, etc.," 7th August, 1882.

No. 15,245. J. M. Bois, Rochester, N. Y., "Hydraulic Air Compressing Apparatus," 7th August, 1882.

No. 15,246. G. Heintzman, Toronto, Ont., "Improvements on upright pianos," 7th August, 1882.

No. 15,247. W. C. Brewwell, Hyde Park, Mass., "Automatic trader for carding engines," 7th August, 1882.

No. 15,248. J. N. Smith, Brooklyn, N. Y., "Tools for dressing wheels and axles," 7th August, 1882.

No. 15,249. J. N. Barnett, Indianapolis, Indiana, "Acoustic telephones," 7th August, 1882.

No. 15,250. D. S. Thomas, North Platt, Nebraska, "Fire escape," 7th August, 1882.

No. 15,251. Z. Beaudry, St. Marc, Que., "Universal Hail Burnisher," 7th August, 1882.

No. 15,252. F. Easton, Pennsylvania, "Grinding mill," 7th August, 1882.

No. 15,253. E. Hallett and R. Thompson, "Car axle rolls," 7th August, 1882.

No. 15,254. C. D. Tisdale and J. D. Gould, Boston, Mass., "Electric Railway Signal," 7th August, 1882.

No. 15,255. D. Davis, London, Ont., "Brick machine," (Extension of Patent No. 1591,) 7th August, 1882.

No. 15,256. H. and C. Fink, Baltimore, Ind., "Lubricating Oil," (Ext. of Pat. No. 9071,) 7th August, 1882.

No. 15,257. J. H. Burrows, Boise City, Idaho, "Nut Lock," 7th August, 1882.

No. 15,258. J. O'Neil, Parkenham, Ont., "Fire Guard and Escape," 7th August, 1882.

No. 15,259. W. E. Banta, J. M. Dodd and A. M. Crothers, Springfield, Ohio, "Underground Protector for Electrical Conductors," 7th August, 1882.

No. 15,260. A. St. Dennis, Sherbrooke, Que., and M. McFarlane, Stratford, Ont., "Mill stones," 7th August, 1882.

No. 15,261. T. Sparham, Brockville, Ont., "Boiler Covering," 8th August, 1882.

No. 15,262. D. Rowley and C. G. Rowley, Jamestown, N. Y., "Stretching machine," 7th August, 1882.

No. 15,263. A. Kendry, Fayetteville, Ark., "Improved Vise," 8th August, 1882.

No. 15,264. W. B. Chambers, Welland, Ont., "Eve Trough Machine," 8th August, 1882.

No. 15,265. J. G. Galley, London, Eng., "Rocking Firebars," 8th August, 1882.

No. 15,266. C. C. Eddy and A. A. Levan, Pekin, N. Y., "Fanning Mill," 8th August, 1882.

No. 15,267. T. F. Flynn, London, Ont., "Hay or Grain Rake and Loader," 8th August, 1882.

No. 15,268. A. M. Walls and R. Fuller, Toronto, Ont., "The Eclipse Broom holder," (Ext. of Pat. No. 7754,) 8th August, 1882.

No. 15,269. W. Dodd and S. C. Andrews, Portland, Maine, "Hydrant Improved," (Ext. of Pat. No. 7743,) 8th August, 1882.

No. 15,270. H. L. Bowker, Boston, Mass., "Gum," (Ext. of Pat. No. 7749,) 8th August, 1882.

No. 15,271. W. Dicer, Marrengo, Michigan, "Patent Laundry Table," 9th August, 1882.

No. 15,272. D. Hanna, Ogdensburg, N. Y., "Sediment Collector for Steam Boilers," 9th August, 1882.

No. 15,273. A. G. Smyth, Hamilton, and J. Smyth, Brantford, Ont., "Converting Reciprocating into Rotary Motion," (Ext. of Pat. No. 7753,) 9th August, 1882.

No. 15,274. S. Hart, Muncie, Ind., Assignee, "Window Ventilator," 10th August, 1882.

No. 15,275. E. Lanthier, Montreal, "The Easy Fit Button Boot," 10th August, 1882.

No. 15,276. J. W. Anderson, Lancaster, Penn., Assignee, "Carriage Seat," 10th August, 1882.

No. 15,277. L. M. Senechal, St. Henri and J. de G. Stuart, Montreal, Que., "Automatic Nail Index," 10th August, 1882.

No. 15,278. G. L. Adams and J. C. Ellsworth, Fowlerville, Mich., "Printing Press," 10th August, 1882.

No. 15,279. U. Dierlamm, Zurich, and J. Linde, Hay, Ont., "Diphtheria, Catarrh and Croup Remedy," 10th August, 1882.

No. 15,280. Guelph Carriage Goods Co., Guelph, Ont., Assignees, "Safety Clips," (Extension of Patent No. 7761,) 10th August, 1882.

No. 15,281. The Guelph Carriage Goods Company, Guelph, Ont., Assignees, "Safety Clip," (Extension of Patent No. 7761,) 11th August, 1882.

No. 15,282. D. R. Ashton, Clayton, and J. N. Sperry, Brixton Hill, Eng., "Simple Valve or Lock," 11th August, 1882.

No. 15,283. R. E. Poindexter, Indianapolis, Ind., "Saw Jointer and Gauge," 11th August, 1882.

No. 15,284. J. M. Williams, Hamilton, Ont., "Hoop Buckle," 11th August, 1882.

No. 15,285. J. Thurman, Philadelphia, Penn., "Utility Mill," 11th August, 1882.

No. 15,286. J. H. Bean, Macon, Ill., "Hay Stacker," 11th August, 1882.

No. 15,287. D. M. Kirkpatrick, Kansas, Miss., "Improved Sleigh," 11th August, 1882.

No. 15,288. J. W. Floud, Pennsylvania, "Car Brake," 11th August, 1882.

No. 15,289. L. G. Bayliff, Wapakoneta, and J. Coup, Cleveland, Ohio, "Automatic Car Coupling," 11th August, 1882.

No. 15,290. G. F. Miller, Quincy, Ill., Assignee, "Oil Ejector," 11th August, 1882.

No. 15,291. J. A. Fisher, Dundas, Ont., Assignee, "Apparatus for Recovering Waste Alkalies," (Extension of Patent No. 7707,) 11th August, 1882.

No. 15,292. J. A. Fisher, Dundas, Ont., Assignee, "Apparatus for Recovering Waste Alkalies," (Extension of Patent No. 7707,) 11th August, 1882.

No. 15,293. B. W. Arnold, Litchfield, Ill., "Car Coupling," 12th August, 1882.

No. 15,295. F. C. Weir, Cincinnati, Ohio, "Device for Manufacturing Railway Frogs," 12th August, 1882.

No. 15,295. C. W. Dean and E. Robinson, South Wareham, Mass., "Wire Fence Nail," 12th August, 1882.

No. 15,296. J. A. Gowan, and J. MacMillan, Paris, Ont., "Car Coupler," 12th August, 1882.

No. 15,297. R. McCully, Philadelphia, Penn., "Crushers and Pulverizing Mills," 12th August, 1882.

No. 15,298. E. D. Cole, Macon, Ill., "Adjustable Hames," 12th August, 1882.

No. 15,299. F. A. Cortis, Moriden, Conn., "Flexible Shaft," 12th August, 1882.