

Patents issued up to 23rd September, 1882, Claims and Drawings of which will appear in a subsequent number of the Patent Record.

- No. 15,401. J. B. Dewey, Colborne, and D. H. Minaker, Cobourg Ont., Assignees, "Improvements in Harness," (Ext. of Patent No. 7,866), 1st Sept., 1882.
- No. 15,402. T. Mann, Portland, Oregon, "Brick and Mortar Elevator," (Ext. of Patent No. 7,353), 1st Sept., 1882.
- No. 15,403. W. T. Jobb, Buffalo, N. Y., Assignee, "Improvements in Apparatus for Manufacturing Grape-Sugar," 1st Sept., 1882.
- No. 15,404. J. Rielly, Sherbrooke, Que., "Portable House," (Ext. of Patent No. 14,733), 1st Sept., 1882.
- No. 15,405. J. Rielly, Sherbrooke, Que., "Portable House," (Ext. of Patent No. 14,733), 2nd Sept., 1882.
- No. 15,406. W. H. Rowe, Little Britain, Ont., "Gang Plows," 2nd Sept., 1882.
- No. 15,407. G. H. Merrill, Boston, Mass., "Lubricating Compounds," 2nd Sept., 1882.
- No. 15,408. M. S. Chapman, Elkhart, Ind., "Barbed Fences," 2nd Sept., 1882.
- No. 15,409. A. Gatchell, Boston, Mass., "Process for Treating Copper," 2nd Sept., 1882.
- No. 15,410. G. Gale, Waterville, Que., "Machine for Coiling Wire," 2nd Sept., 1882.
- No. 15,411. The Gerald Sewing Machine Cabinet Company, New York, N. Y., Assignee, "Table or Stand for Sewing Machines," 4th Sept., 1882.
- No. 15,412. D. Johnson, Combermere, Ont., "Vehicle Wheels," 5th Sept., 1882.
- No. 15,413. J. A. Mumford, Avondale, N. S., "Double-block Shingle Sawing Machine," (Ext. of Patent No. 7,917), 5th Sept., 1882.
- No. 15,414. T. S. Sarnay, Cambridge, and J. M. Alprovidence, Herne Hill, England, "Accumulator Plates," 7th Sept., 1882.
- No. 15,415. F. J. Sheldon, Longwood, Wis., "Gate Hangings," 7th Sept., 1882.
- No. 15,416. E. L. Brazener, Hamilton, Ont., "Attachment to Collar Blocks," 7th Sept., 1882.
- No. 15,417. W. H. Law, Peterborough, Ont., "Moulding Machine," 7th Sept., 1882.
- No. 15,418. W. H. Law, Peterborough, Ont., "Water Hydrants," 7th Sept., 1882.
- No. 15,419. J. Alexander, Toronto, Ont., "Lager Beer Refrigerator," 7th Sept., 1882.
- No. 15,420. C. K. Vilas, Alstead, N. H., "Reversible Fire-Box," 7th Sept., 1882.
- No. 15,421. S. Adams, and S. Adams, Jr., Rome, N. Y., "Gang Saw," 8th Sept., 1882.
- No. 15,422. La F. Wildermuth, Columbus, Ohio, "Wire Coiling Machine," 8th Sept., 1882.
- No. 15,423. W. P. Healy, Somerville, Mass., "Wire Rope Attachments," 8th Sept., 1882.
- No. 15,424. F. C. Weir, Cincinnati, Ohio, "Machine for Cutting Railroad-Rails for Frogs and Switches," 8th Sept., 1882.
- No. 15,425. T. C. Hewitt, London, Ont., "Metallic Barbed Fences," 8th Sept., 1882.
- No. 15,426. J. Bowen, Lancaster, Ohio, "Bed Bottom," 8th Sept., 1882.
- No. 15,427. The Universal Knitting Machine Co. of Ontario, Toronto, Ont., Assignee, "Knitting Machine," 8th Sept., 1882.
- No. 15,428. J. Ritchie, and W. H. D. Newth, Detroit, Mich., "Locomotive Ash Pan," 8th Sept., 1882.
- No. 15,429. J. H. Nute, and A. F. Downie, New Glasgow, N. S., "Rope Serving Machine," 8th Sept., 1882.
- No. 15,430. B. Chamberlain, J. H. Wilson, R. Lamb, H. E. Palmer, and G. H. Palmer, Bellefontaine, Ohio, "Railway Car Heater," 8th Sept., 1882.
- No. 15,431. The George T. Smith Middlings Purifier Co., Jackson, Mich., Assignee, "Conveyor for Flow Mills," 9th Sept., 1882.
- No. 15,432. H. McCoy, Indianapolis, Ind., "Single and Double-Tree Clip," 9th Sept., 1882.
- No. 15,433. E. L. Bushnell, Poughkeepsie, N. Y., "Car Seat and Berth," 9th Sept., 1882.
- No. 15,434. A. A. Noyes, Steamboat Rock, Iowa, "Horse Hay Rake," 9th Sept., 1882.
- No. 15,435. G. G. Thomas, Philadelphia, Penn., "Heating Stove," 9th Sept., 1882.
- No. 15,436. J. Maunder, and E. Rogers, Little Britain, Ont., "Harrow," 9th Sept., 1882.
- No. 15,437. T. P. Cordrey, Massillon, Ohio, "Rotary Dumping Car," 9th Sept., 1882.
- No. 15,438. M. C. Walsh, New York, N. Y., Assignee, "Apparatus for Stowing Carcoes in Vessels," 9th Sept., 1882.
- No. 15,439. M. C. Walsh, New York, N. Y., Assignee, "Improvements on Jacks," 9th Sept., 1882.
- No. 15,440. M. C. Walsh, New York, N. Y., Assignee, "Flexible Hose or Pipe," 9th Sept., 1882.
- No. 15,441. C. S. Anthony, and J. Manheim, Taunton, Mass., "Devices for Preventing the Accumulation of Frost and Steam upon Store Windows," (Ext. of Patent No. 7,885), 9th Sept., 1882.
- No. 15,442. W. E. Wilcox, and L. A. Kelsey, Cleveland, Ohio, "Railway Journal Box," (Ext. of Patent No. 7,900), 9th Sept., 1882.
- No. 15,443. T. Horton, Bluffton, Ind., "Hand Corn Planter," 11th Sept., 1882.
- No. 15,444. T. Horton, Bluffton, Ind., "Hand Corn Planter," 11th Sept., 1882.
- No. 15,445. S. North, Hamilton, Ont., "Pipe Junction or Boundary Indicator," 11th Sept., 1882.
- No. 15,446. H. McCoy, Indianapolis, Ind., "Single Tree Clip," 11th Sept., 1882.
- No. 15,447. J. E. Munson, New York, N. Y., "Selecting Device," 11th Sept., 1882.
- No. 15,448. H. R. Cassel, New York, N. Y., "Improvements on Heating Metals," 11th Sept., 1882.
- No. 15,449. O. Hobert, Oswego, Ill., "Two Wheeled Vehicle," 11th Sept., 1882.
- No. 15,450. E. Badlam, Oswegatchie, N. Y., "Combined socket and clasp for connecting the Fellicies and Spokes of Carriage Wheels together," 11th Sept., 1882.
- No. 15,451. J. Bowen, Lancaster, Ohio, "Spring Bed Bottom," 11th Sept., 1882.
- No. 15,452. W. S. Wisner, Brantford, Ont., Assignee, "Lock and Spring Attachment for Cultivator and Seed Sowing Teeth," (Ext. of Patent No. 15,038), 11th Sept., 1882.
- No. 15,453. H. G. H. Reed, Milwaukee, Wis., "Car Coupling," 12th Sept., 1882.
- No. 15,454. A. N. Rouché, Bay City, Mich., "Chalk Holders," 12th Sept., 1882.
- No. 15,455. M. Golding, Trenton, N. J., "Pulverizing Machine," 12th Sept., 1882.
- No. 15,456. S. Strunz, Pittsburgh, Penn., "Leaching Apparatus," 12th Sept., 1882.
- No. 15,457. O. Bergstrom, Finshytan, Sweden, "Improvements on Rakes," 12th Sept., 1882.
- No. 15,458. B. Morton and A. Tilley, Toronto, Ont., "Improvement on Veneering," 12th Sept., 1882.
- No. 15,459. G. Gregory and G. Austin, Skaneateles, N. Y., "Road Scraper," 12th Sept., 1882.
- No. 15,460. F. Rivard, Montreal, Que., "Boot and Shoe Fastening," 12th Sept., 1882.
- No. 15,461. J. Costin, Brantford, Ont., "Fanning Mill for Cleaning Grain," 12th Sept., 1882.
- No. 15,462. E. Brule, Neillville, Wis., "Device for taking up the wear in Axle Boxes," 12th Sept., 1882.
- No. 15,463. H. T. Harding, Maitland, N. S., "Check Rein," 12th Sept., 1882.
- No. 15,464. The Otter Sweeper Co., Otterville, Ont., Assignees, "Window and Door Screens," 13th Sept., 1882.
- No. 15,465. W. A. Boland, Jackson, Mich., "Apparatus for attaching Buttons to Shoes, etc.," 13th Sept., 1882.
- No. 15,466. W. A. Campbell and G. H. Patterson, Montreal, Que., "Combustion Apparatus," 13th Sept., 1882.
- No. 15,467. G. A. Bari, Havana, Cuba, Benjamin Odie and Felipe Perozo, New York, N. Y., "Sugar Cane Shredder," 13th Sept., 1882.
- No. 15,468. G. W. Dettman, Bowmanville, Ont., "Piano Forte," 14th Sept., 1882.
- No. 15,469. A. Dobbie, Thorold, Ont., "Hoisting Machine," 14th Sept., 1882.
- No. 15,470. The North American Chemical Co., Montreal, Que., Assignees, "Salt Drier," 15th Sept., 1882.
- No. 14,471. H. M. Harvey, Melbourne, Ont., and J. M. Scribner, Campbellford, Ont., "Device for Restraining Vicious and Unruly Animals," 15th Sept., 1882.
- No. 15,472. J. Davy, Springfield, Ont., "Extension Ladder and Fire escape," 15th Sept., 1882.
- No. 15,473. C. Roach, Minneapolis, Minn., "Sheet Iron Bending Machine," 15th Sept., 1882.
- No. 15,474. H. C. Grover, Nunda, N. Y., "Fruit Evaporator," 15th Sept., 1882.
- No. 15,475. Levi Abrahams, Montreal, Que., "Cigar Protector," 16th Sept., 1882.
- No. 15,476. A. R. Gayhart, Chicago, Ill., "Fruit Drier," 16th Sept., 1882.
- No. 15,477. J. W. Cuthbertson and J. D. Anderson, Bothwell, Ont., "Metallic Coal Oil Barrel," 18th Sept., 1882.
- No. 15,478. H. Leggett, Renfrew, Ont., "Dumping Waggon," (Ext. of Patent No. 7,963), 18th Sept., 1882.
- No. 15,479. J. C. Mackey, Hamilton, Ont., "Percolator for Tea and Coffee," 18th Sept., 1882.
- No. 15,480. D. F. Van Liew, Aurora, Ill., Assignee, "Car Door for Freight Cars," 18th Sept., 1882.
- No. 15,481. C. N. Chadwick, Brooklyn, N. Y., "Nursing Corset," 18th Sept., 1882.
- No. 15,482. J. B. Petter, Yeovil, Eng., "Improvements on Stoves," 18th Sept., 1882.
- No. 15,483. J. B. Parent, Quebec, Que., "Car Coupling," 18th Sept., 1882.
- No. 15,484. P. E. Mignault, Actonvale, Que., "Car Couplers," 18th Sept., 1882.
- No. 15,485. A. J. Morrow, Bosanquet, Ont., "Improvements on Churn Power," 19th Sept., 1882.