

Patents issued up to 15th April, 1882, Claims and Drawings of which will appear in a subsequent number of the Patent Record.

No. 14,410. R. R. Osgood, Troy, and J. MacNaughton, Albany, N. Y., Assignees, "Dredging and Derrick Machines," (Extension of Patent No. 7701,) 14th March, 1882.

No. 14,411. R. R. Osgood, Troy, and J. MacNaughton, Albany, N. Y., Assignees, "Dredging and Derrick Machines," (Extension of Patent No. 7701,) 14th March, 1882.

No. 14,412. E. Luck, Blackfriars Road, Eng., "Acetifying and Maturing Apparatus," 15th March, 1882.

No. 14,413. W. F. Reid, Stowmarket, and D. Johnson, Chester, Eng., "Explosives," 16th March, 1882.

No. 14,414. J. Clark, Pontiac, Mich., "Apple Parer," 15th March, 1882.

No. 14,415. T. McDonald, Austin, Texas, "Pocket Hanger for Hats and Coats," 15th March, 1882.

No. 14,416. J. A. Lakin, Westfield, Mass., "Telephone," 15th March, 1882.

No. 14,417. J. R. Alexander, Montreal, Que., "Electro Galvano Magnetic Truss or Support," (Extension of Patent No. 7259,) 15th March, 1882.

No. 14,418. J. R. Alexander, Montreal, Que., "Electro Galvano Magnetic Truss or Support," (Extension of Patent No. 7259,) 16th March, 1882.

No. 14,419. M. R. Thurber, Scranton, Penn., "Car Coupling," 16th March, 1882.

No. 14,420. S. G. Searight, Butter, Ind., "Reverting Damper for Stove Pipes and Drums," 16th March, 1882.

No. 14,421. B. Peterson and L. C. Nielson, Roeskilde, Denmark, "Centrifugal Machines," 16th March, 1882.

No. 14,422. O. S. Garretson, Buffalo, N. Y., "Furniture," 16th March, 1882.

No. 14,423. J. Flannery, Philadelphia, Penn., "Hydro-Carbon Gas Generator," 16th March, 1882.

No. 14,424. M. Thompson, Brooklyn, N. Y., "Duplex Lever Capsule," 16th March, 1882.

No. 14,425. J. C. Gunn, Knoxville, Tenn., "Evaporators," 16th March, 1882.

No. 14,426. O. P. Clayton, Holly Springs Georgia "Tuyere," 16th March, 1882.

No. 14,427. M. Souville, Montreal, Que., "Spirometer," 16th March, 1882.

No. 14,428. H. Cairns, Petrolia, Ont., "Swivel Clamp," 16th March, 1882.

No. 14,429. T. B. Townsend, Ottawa, Ont., "Hanging Lock Gates," (Extension of Patent No. 2255,) 17th March, 1882.

No. 14,430. E. Luck, Stamford Street, Blackfriars Road, Eng., "Apparatus for Gelatinizing Grain," 17th March, 1882.

No. 14,431. J. Scott, Batte Creek, Mich., "Steam Engine Valve," Gear," 17th March, 1882.

No. 14,432. G. Doolittle, Bridgeport, Conn., "Sewing Machine Attachment," 17th March, 1882.

No. 14,433. C. Parish, Philadelphia, Penn., "Effervescing Phosphated Iron Tonic Beverage," 17th March, 1882.

No. 14,434. G. F. Clothier and J. Galligan, Kalamazoo, Mich., "Seamless Back Overalls," 17th March, 1882.

No. 14,435. H. C. F. Störmer, Christiania, Norway, "Apparatus for Drying and Distilling Spent Dye Wood and Saw Dust, etc.," 17th March, 1882.

No. 14,436. T. T. Leacox, Imogene, Iowa, "Motor," 17th March, 1882.

No. 14,437. The Society for the Manufacture of Wood Pulp Grellinger, Switzerland, Assignees, "Fibre Treating Process," 18th March, 1882.

No. 14,438. B. E. Charlton, Hamilton, Ont., "Vinegar Process," 18th March, 1882.

No. 14,439. R. S. Nibbermarle, Ont., "Steam Washing Machine," 18th March, 1882.

No. 14,440. L. Guinip, Chicago, Ill., "Wooden Horse Collar," 18th March, 1882.

No. 14,441. J. T. Gurney, Boston, Mass., "Carriage," 18th March, 1882.

No. 14,442. F. S. Barff, Abbey Road, Kilburn, Eng., "Steel Surfaces," 18th March, 1882.

No. 14,443. I. Corman, Lowell, Mich., Assignee, "Fence," 18th March, 1882.

No. 14,444. T. H. Davies, Fairview, N. Y., "Improved Harrow," 18th March, 1882.

No. 14,445. E. Miller, Fredericton, N. B., "Adjustable Rail for Canopy Top Buggies," (Extension of Patent No. 7274,) 18th March, 1882.

No. 14,446. E. B. Davey, Toronto, Ont., "Grease Extract Process," 18th March, 1882.

No. 14,447. E. Flohr, Canisteo, N. Y., "Tan Fat and Stirrer," 18th March, 1882.

No. 14,448. M. E. Colver, Simcoe, Ont., "Force Pumps," 18th March, 1882.

No. 14,449. W. H. Parsons, Montreal, Que., "Pottery Moulding Machines," 18th March, 1882.

No. 14,450. E. H. Crandell, Brampton, Ont., "Paper Safe for the Counter," 18th March, 1882.

No. 14,451. W. F. Moulton, Burlington, Vermont, "Eave Trough and Conductor," (Extension of Patent No. 7055,) 18th March, 1882.

No. 14,452. A. Campbell, Woodville, Ont., "Harrow," 21st March, 1882.

No. 14,453. J. L. Clark and J. Standfield, Westminster Chambers, Eng., "Floating Dock," (Extension of Patent No. 4840,) 21st March, 1882.

No. 14,454. Canadian Telephone Company, Montreal, Que., Assignees, "Microphonic Telephone," 21st March, 1882.

No. 14,455. J. B. Bowes, Pinkerton, Ont., "Artificial Hand," 21st March, 1882.

No. 14,456. J. Olmstead, Montreal, Que., "Electric Lamp," 21st March, 1882.

No. 14,457. T. A. Readwin, Bloomsbury Square, Middlesex, Eng., "Appalgamating Apparatus," 21st March, 1882.

No. 14,458. W. M. Thomas and S. W. Skinner, Cincinnati, Ohio, "Electric light," 21st March, 1882.

No. 14,459. F. V. Phillips, Chicago, Ill., "Trancon Pivot," 21st March, 1882.

No. 14,460. W. H. Paige, Springfield, Mass., "Lock Nut," 21st March, 1882.

No. 14,461. W. Esty, Laconia, N. H., "Seamless Heel and Toe Stocking," 22nd March, 1882.

No. 14,462. L. C. Rodier, Detroit, Mich., "Steam Radiator," 22nd March, 1882.

No. 14,463. T. L. Kay, Hamilton, Ont., "Electric Lamp," 22nd March, 1882.

No. 14,464. P. T. Gates, New York, N. Y., "Duplex Wash Board," 22nd March, 1882.

No. 14,465. J. A. Fleming, Nottingham, Eng., "Electric Insulation," 22nd March, 1882.

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No. 14,467. J. H. Hatton, Fort Convington, N. Y., "Life Boat," (Extension of Patent No. 7296,) 22nd March, 1882.

No. 14,468. J. Watson, Ayer, Ont., Assignee, "Harvesting Machines," (Extension of Patent No. 1447,) 22nd March, 1882.

No. 14,469. J. Watson, Ayer, Ont., Assignees, "Harvesting Machines," (Extension of Patent,) 22nd March, 1882.

No. 14,470. W. J. Guard, Sarnia, Ont., "Sliding Bucket Motor," 23rd March, 1882.

No. 14,471. J. Esch, Milwaukee, Wis., "Truck," 23rd March, 1882.

No. 14,472. L. B. Stowell, Friendship Village, Wis., "Halter," 23rd March, 1882.

No. 14,473. J. J. Williams, Fairhaven, V. T., "Flat Roof Tiling," 23rd March, 1882.

No. 14,474. F. R. Grout, Chicago, Ill., "Paint Tube or Can," 23rd March, 1882.

No. 14,475. M. R. Hubbell, Wolcott, V. T., "Car Coupling," 23rd March, 1882.

No. 14,476. E. B. McIntosh, Brooklyn, N. Y., "Glass Pipe Machine," 23rd March, 1882.

No. 14,477. A. G. Cole, Ottawa, Ont., "Camp Furniture Folding Joint," 23rd March, 1882.

No. 14,478. S. A. Bailey, New York, N. Y., "Side Bar Cross Spring," 23rd March, 1882.

No. 14,479. E. A. Mallory and C. H. Mallory, Danbury, Conn., "Hat Scalding Machine," 24th March, 1882.

No. 14,480. G. F. Tilley, St. Louis, Miss., "Stove and Range Oven," 24th March, 1882.

No. 14,481. T. P. Draughtsman and A. H. Lee, Scranton, Penn., "Balance Slide Valve," 24th March, 1882.

No. 14,482. A. F. Martel, Montreal, Que., "Car Brake," 24th March, 1882.

No. 14,483. Whitely, Tassler and Kelly, Springfield, Ohio, Assignees, "Harvesting and Binding Machinery," 24th March, 1882.

No. 14,484. R. L. Walker, Boston, Mass., "Twin Furnace," (Extension of Patent No. 7278,) 24th March, 1882.

No. 14,485. C. E. Kendall, Buffalo, N. Y., "Railway Brake," 24th March, 1882.

No. 14,486. F. Riker and H. Dennis, Berger Point, N. J., "Packings for Axles and Bearings," 24th March, 1882.

No. 14,487. H. C. Szink, Alltoona, Penn., and C. L. Skinner, Baltimore, Maryland, "Link Welding Machine," 24th March, 1882.

No. 14,488. J. Dainville, Meadville, Miss., "Hay Elevators," 27th March, 1882.

No. 14,489. S. Tarrant, Montreal, Que., "Beach Seat," 27th March, 1882.

No. 14,490. I. I. Langles, New Orleans, Louisiana, "Show Boxes," 27th March, 1882.

No. 14,491. I. Seeberger, West Irvy, N. Y., "Steam Piston Packing," 27th March, 1882.

No. 14,492. W. R. Adams, Sherman, Conn., "Waggon Springs," 27th March, 1882.

No. 14,493. T. R. Ferrall, Boston, Mass., "Anti-Frictional Bearings," 27th March, 1882.

No. 14,494. T. Kershaw and H. E. Cunningham, Philadelphia, Penn., "Card Teeth," 27th March, 1882.