

No. 15,486. J. E. Gallagher, Olean, N. Y., "Tamping and Firing Devices for Torpedoes," 19th Sept. 1882.

No. 15,487. John Tackaberry, Alliston, Ont., "Improvements on Animal Powers," 19th Sept. 1882.

No. 15,488. J. L. Rodgers, Springfield, Ohio, "Turbine Wheel," 19th Sept. 1882.

No. 15,489. J. M. Stanley and G. Desjardins, Pembroke, Ont., "Saw Log Sleigh," 19th Sept. 1882.

No. 15,490. G. Pennoyer, Chicago, Ill., "Buggy Springs," 19th Sept. 1882.

No. 15,491. W. H. Halladay, Chicago, Ill., "Automatic Saw Sharpener," 19th Sept. 1882.

No. 15,492. L. Coté, St. Hyacinthe, Que., "Counter Forming Machine," 19th Sept. 1882.

No. 15,493. G. Hill, Liverpool, Eng., "Steam Boiler," 19th Sept. 1882.

No. 15,494. A. F. Gimmerling, Milwaukee, Wis., "Smoothing Machines," 19th Sept. 1882.

No. 15,495. M. P. Bray, New Haven, Conn., "Corset Stay," 19th Sept. 1882.

No. 15,496. H. J. Livergood, Brantford, Ont., "Middling Purifying Machine," 19th Sept. 1882.

No. 15,497. A. Womack and J. M. Martin, Emmetville, Idaho, "Fire Upsetting Machine," 19th Sept. 1882.

No. 15,498. N. W. Herring, Millport, Penn., and F. B. Keeney, Warsaw, N. Y., "Baling Press," 19th Sept. 1882.

No. 15,499. G. J. Shimer, Freemansburg, Penn., and S. J. Shimer, Milton, Penn., "Metallie Bearing," 19th Sept. 1882.

No. 15,500. J. T. Walker, Falmouth, Mass., "Horse Detacher," 19th Sept. 1882.

No. 15,501. I. Robbins, Camden, N. J., "Chromatic printing press," 19th Sept. 1882.

No. 15,502. A. Hoag, Grand Isle, Vt., "Hand corn and bean planter," 19th Sept. 1882.

No. 15,503. B. C. Bort, Chateauguay, N. Y., "Milk Pan," (Ext. of Patent No. 7934.) 20th Sept. 1882.

No. 15,504. J. H. Elward, Oregon, Ill., "Drive Chain," 21st Sept. 1882.

No. 15,505. J. H. Elward, Oregon, Ill., "Saw Mill Feed," 21st Sept. 1882.

No. 15,506. E. M. Crandal, Chicago, Ill., "Barbed Wire Fence," 21st Sept. 1882.

No. 15,507. L. Dow, Boston, Mass., "Fence Post and Fence," 21st Sept. 1882.

No. 15,508. J. A. Robinson, Jackson, Mich., "Dental Plate," 21st Sept. 1882.

No. 15,509. H. A. Weber and M. A. Scovell, Urbana, Ill., "Glucose," 21st Sept. 1882.

No. 15,510. H. A. Weber and M. A. Scovell, Urbana, Ill., "Sugar and Syrup," 21st Sept. 1882.

No. 15,511. T. S. Peck, Burlington, Vt., Assignee, "Wire Lock Clip Post," 22nd Sept. 1882.

No. 15,512. E. Salomon and E. Arnaunt, Montreal, Que., "Machine for making hinges," 22nd Sept. 1882.

No. 15,513. J. H. Fisher, Deerfield, Ill., "Car Door Lock, 23rd Sept. 1882.

No. 15,514. C. A. Sager, Valparaiso, Ind., "Ice Cutting Machine," 23rd Sept. 1882.

No. 15,515. J. E. Stong, Newtonbrook, Ont., "Farm Gate," (Ext. of Patent No. 7957.) 23rd Sept. 1882.