

No. 9606. Improvements on Railway Joints. (Perfectionnements aux joints des railroites.)

Arcatus A. Wilder, Detroit, Mich., U.S., 23rd January, 1879, for 5 years.

Claim.—1st. The fish plates B B and the slotted bolts c for the purpose of securing abutting ends of railway rails together, said bolts being secured in place by a tapering key. 2nd. In combination with the rail, A A fish plates B B and bolts C, the wedging key D having a twist between its smallest end and bolt.

No. 9607. Improvements on Sawing Machines. (Perfectionnements aux scieries.)

Marshall J. Egery and The Egery Iron Company, Bangor, Me., U. S., 23rd January, 1879, for 5 years.

Claim.—1st. The combination of the movable saws d e and shippers h i with the endless chains k l and sprocket wheels m n; 2nd. The combination of a series of movable saws d e and actuating mechanism, with hand wheels r, mounted on telescoping shafts p q and operating to move either of said saws separately; 3rd. In combination with a movable saw, an adjustable guide or gauge t u secured to, and moving with the saw shipper h.

List of Patents issued up to 14th February, 1879, but not yet Officially published in the Patent Office Record.

No. 9608. W. F. Feetzel, Kincardine, Ont., "Remedy for Dyspepsia," 23rd January, 1879.

No. 9609. C. M. Arthur, Ansonia, Ct. U.S.A., "Paper Box," 23rd January, 1879.

No. 9610. W. E. Brooks, Trenton, N. J., U. S. A., "Saw Tooth," 21th January, 1879.

No. 9611. A. Kay, Georgetown, Ont., "Reaping Machine," 24th January, 1879.

No. 9612. M. W. Marsden, Connellville, Pa., U. S. A., "Brush Binder," 24th January, 1879.

No. 9613. G. W. Rodebaugh, Detroit, Mich., U. S. A., "Saw Mill Dog," 24th January, 1879.

No. 9614. S. Collinson, St. Catharines, Ont., "Reaper Sickle Cutter," (Extension of Patent No. 3061.) 31st January, 1879.

No. 9615. S. Collinson, St. Catharines, Ont., "Tongs," (Extension of Patent No. 3064.) 31st January, 1879.

No. 9616. G. M. Skinner, Gananoque, Ont., "Trolling Spoon," (Extension of Patent No. 3067.) 3rd February, 1879.

No. 9617. W. H. Cutler, Buffalo, N. Y., U. S. A., "Inhaling Tube," (Extension of Patent No. 3109.) 4th February, 1879.

No. 9618. S. Hill, Greensboro, and B. B. Dentice, Hardwick, Vt., U. S. A., "Milk Cooler," 4th February, 1879.

No. 9619. Jno. H. Guest and G. Guest, Toronto, Ont., "Water Pipe Attachment," 4th February, 1879.

No. 9620. Jno. G. Malcolm, Inverkip, Ont., "Stove Heating and Ventilating Attachment," 4th February, 1879.

No. 9621. Jas. Graham and D. Corey, (Assignees of Jno. Sweeney,) New Haven, Ct., U. S. A., "Journal Bearings," 4th February, 1879.

No. 9622. J. W. Hewitt and W. J. Hewitt, Jackson, Mich., U. S. A., "Carriage Spring," 4th February, 1879.

No. 9623. H. Astor, Toronto, Ont., "Potato Planter," 4th February, 1879.

No. 9624. W. Chicken, Boston, Mass., U. S. A., "Bark Cutting Machine," 4th February, 1879.

No. 9625. H. L. Horse, San Francisco, Cal., U.S.A., "Cooking Stove or Range," 4th February, 1879.

No. 9626. F. A. Hubel, Detroit, Mich., U. S. A., "Capsule Cutting Machine," 4th February, 1879.

No. 9627. C. S. Piersons and C. Ferris, Sandy Hill, N. Y., U. S. A., "Harness," 4th February, 1879.

No. 9628. T. Clark, Truro, N.S., "Feed Cutter and Grinding Mill Combined," 4th February, 1879.

No. 9629. Jno. L. Jones, Greensborough, N. C., U. S. A., "Plug Tobacco Manufacturing Machine," 10th February, 1879.

No. 9630. G. Wells and G. Staples, Montreal, Que., "Fountain Pens," 10th February, 1879.

No. 9631. Jno. H. Ainsworth, Philadelphia, Pa., U. S. A., "Railroad Switch," 10th February, 1879.

No. 9632. L. J. Bennett, Buffalo, N. Y., U. S. A., "Disintegrating Mill," 10th February, 1879.

No. 9633. C. A. Bangs, Richmond, and G. H. Pierce, Cleveland, Ont., "Soldering Clamp," 10th February, 1879.

No. 9634. C. T. Stephens, Ithaca, N. Y., U. S. A., "Meat Tendering Mallet," 10th February, 1879.

No. 9635. W. H. Truen, Minneapolis, Min., U. S. A., "Water Wheel Governor," 10th February, 1879.

No. 9636. J. H. Rae, New York, U. S. A., "System of Amalgamating Precious Metals," 10th February, 1879.

No. 9637. F. R. Packham, Mechanicsburgh, Ohio, U. S. A., "Stove Pig Crimper," 10th February, 1879.

No. 9638. T. Asplen, London, Ont., "Vulcanite Resolving Process," 10th February, 1879.

No. 9639. M. S. Bagley, Buenos Ayres, Argentine Republic, "Improved Bottle," 10th February, 1879.

No. 9640. C. P. Rice, Toronto, Ont., "Mattress," 10th February, 1879.

No. 9641. W. W. Batchelder, New York, U.S.A., "Repeating Match or Igniter," 10th February, 1879.

No. 9642. A. Brault and G. Rondeau, Laprairie, Que., "Artificial Stone," 11th February, 1879.

No. 9643. E. N. Heney, (Assignee of W. Davis), Montreal, Que., "Buggy Top," 11th February, 1879.

No. 9644. Jno. N. Valley, Jersey City, N.J., U. S. A., "Clothes Drier," 11th February, 1879.

No. 9645. A. Harris, Brantford, Ont., "Cutter Bar Guard for Reapers and Mowers," 11th February, 1879.

No. 9646. W. Wasson, Carson, Nevada, U. S. A., "Bathing Apparatus," 11th February, 1879.

No. 9647. S. P. Graham, London, Ont., "Twist-Drill Manufacturing Process," 11th February, 1879.

No. 9648. J. I. Anthony, Sharon Sprung, N. Y., U. S. A., "Steam Engine," 11th February, 1879.

No. 9649. T. Murphy, Detroit, Mich., U. S. A., "Boiler Furnace," 11th February, 1879.

No. 9650. Jos. Grove, Toronto, Ont., "Fire-Proof Safe," 12th February, 1879.

No. 9651. C. G. Bacon, (Assignee of W. D. Spencer), Middletown, Ct., U. S. A., "Caster," 12th February, 1879.

No. 9652. C. J. Shirreff, Brockville, Ont., "Screw Swaging Machine," 12th February, 1879.

No. 9653. G. E. B. Parkin, Cookshire, Que., "Metallic Waggon Dasher," 12th February, 1879.

No. 9654. A. Dressell E. H. Voth and Jno. G. Voth, Cleveland, Ohio, U. S. A., "Locomotive Head Lights," 12th February, 1879.

No. 9655. P. J. McClary, Vanessa, Ont., "Pillow Blocks or Bushes for Shafts," 12th February, 1879.

No. 9656. Jas. H. White, West Meriden, Ct., U. S. A., "Blow Pedals for Organs," 12th February, 1879.

No. 9657. L. Norton, Hartford, Ct., U. S. A., "Harrow," 12th February, 1879.

No. 9658. Jno. A. Westlake, Cooperstown, N. Y., U. S. A., "Barrel, &c. Swinging Machine," 14th February, 1879.

No. 9659. T. Fairchild and C. Hazeltine, Derby, Vt., U. S. A., "Curry Comb and Cleaner Combined," 14th February, 1879.

No. 9660. W. S. Appleton, New York, U. S. A., "Plate Printing Press," 14th February, 1879.

No. 9661. A. Keeler, Prescott, Ont., "Paris Green Sprinkler," 14th February, 1879.

No. 9662. A. Vinartius, New York, U. S. A., "Packing for Steam Engines," 14th February, 1879.

No. 9663. S. C. Hinson, St. Catharines, Ont., "Reaper Knife Sickle Sections," 14th February, 1879.

No. 9664. A. A. Walker, Quincy, Mass., U. S. A., "Stove Pipe Damper Regulator," 14th February, 1879.

No. 9665. S. Lett, Toronto, Ont., "Spark Arrester and Gas Burner," 14th February, 1879.

No. 9666. W. Southward, London, Ont., "Churn Dasher," 14th February, 1879.

No. 9667. B. W. Day and G. Thompson, Kingston, Ont., "Concentrated Malt Extract," 14th February, 1879.

No. 9668. The Grain Binder Association, (Assignee of W. H. Ruttenhouse), Norristown, Pa., U.S.A., "Automatic Grain Binder," 14th February, 1879.

No. 9669. G. M. Hamlin, Lockport, N.Y., U. S. A., "Mode of Packing Cotton Bunting," 14th February, 1879.

No. 9670. E. B. Eddy, (Assignee of G. H. Millen), Hull, Que., "Frisco Match Header," 14th February, 1879.

No. 9671. H. D. Cone, Stockbridge, Mass., U. S. A., "Shaft Hanger," 14th February, 1879.

No. 9672. Jos. A. Quesnel, Arthabaskaville, Que., "Safety Bars for Windows and Doors of Prisons, &c.," 14th February, 1879.

No. 9673. D. Russell, London, Eng., "Portable Car Replacer," 14th February, 1879.

No. 9674. L. J. A. Rosswall, Clarence, Miss., U.S.A., "Bed Slat Coupler," 14th February, 1879.

No. 9675. E. A. Waterhouse, Chatham, Ont., "Corset," 14th February, 1879.

No. 9676. Jno. H. Gordon, Rochester, N. Y., U. S. A., "Grain Binder," 14th February, 1879.

No. 9677. A. N. Belding, (Assignee of E. J. Martin), Rockville, Ct., U.S.A., "Silk Cleaning Machine," 14th February, 1879.

No. 9678. A. B. McKay, Bramere, Ont., "Bag Filling Attachment for Fanning Mills," 14th February, 1879.