

PATENTS OF INVENTIONS.

DEPARTMENT OF AGRICULTURE.

PATENT BRANCH.

Ottawa, 5th September, 1869.

HIS Excellency the Governor General has been pleased to grant Letters Patent of Inventions to be in force in the Provinces of Ontario and Quebec, for a period of *Fourteen Years* from the dates thereof, to the persons whose names are included in the following list.

Published by command,

J. C. TACHE,
Deputy of the Minister of
Agriculture.

No. 3312. William Maynard, of the city of Montreal, in the Province of Quebec, farmer, for improvements on the machines or apparatus for extracting the juice of hemp, flax and other barks, for tanning and other purposes, for the more efficient and economical production of the extracts, to be called: Maynard's improved machine and process for extracting juices, &c. Dated Ottawa, 3rd September, 1869.

3313. Samuel Cleveland, junr., of the village of Coaticook, in the county of Stanstead, in the Province of Quebec, for improvements in the machine for shrinking and stretching the tires of wheels, and for upsetting the ends of iron bars preparatory to welding and other operations, and for bending tires for wheels and bands for tubs; and for punching metals and for grimming saws, the improved machine to be called: Cleveland's combined the manipulator and punch. Dated Ottawa, 20th August, 1869.

DEPARTMENT OF AGRICULTURE.

PATENT BRANCH.

Ottawa, 20th October, 1869.

HIS Excellency the Governor General has been pleased to grant Letters Patent of Inventions to be in force in the Dominion of Canada for a period of *Fourteen Years* from the dates thereof, to the persons whose names are included in the following list.

Published by command,

J. C. TACHE,
Deputy of the Minister of
Agriculture.

No. 1. William Hamilton, of the city of Toronto, in the county of York, Province of Ontario, engineer, for a certain new and useful machine for measuring liquids and gases, to be called Hamilton's Eureka liquid meter. Dated Ottawa, 18th August, 1869.

2. David Jacob Ellis, of the township of Southwold, in the county of Elgin, Province of Ontario, farmer, for a certain new and useful composition of matter to be called: David J. Ellis' composition for the destruction of the Canada thistle. Dated Ottawa, 18th August, 1869.

3. Hiram Kimball, of the city of Toronto, in the county of York, Province of Ontario, gentleman, for a certain new and useful machine for preventing boiler explosions through low water, to be called Kimball's improved low water indicator for boilers. Dated Ottawa, 18th August, 1869.

4. James Kelley of the town of Oakville, in the county of Halton, Province of Ontario, blacksmith, for a certain new and useful machine for grappling, fastening upon, drawing or moving weights and substances, to be called Kelley's portable grapple. Dated Ottawa, 18th of August, 1869.

5. James Wilson, of the town of St. Catharines, in the county of Lincoln, Province of Ontario, carpenter, for a certain new and useful art of distilling whiskey, by means of which a great increase in quantity is obtained from a given quantity of grain, to be called Wilson's improved art of distilling whiskey. Dated Ottawa, 18th August, 1869.

6. Henry Wandy, of the city of Toronto, in the county of York, Province of Ontario, marble cutter, for a certain new and useful mustard or ketchup bottle, to be called or known as Wandy's improved mustard or ketchup bottle. Dated Ottawa, 18th August, 1869.

7. Thomas Lennel Simpson, of the town of Shediac, in the county of Westmorland, Province of New Brunswick, carriage maker, for a certain new and useful art or method of making a wip, the soap or soap manufacture to be called or known as Simpson's diamond soap. Dated Ottawa, 19th August, 1869.

8. Frederick Oakley, of the city of Toronto, in the county of York, Province of Ontario, carpenter, for new and useful improvement on a certain machine now in ordinary use for bolting and fastening together two or more portions of machinery or any thing made or constructed, to be called or known as Oakley's lock washer. Dated Ottawa, 19th August, 1869.

9. Thomas Dimma, of the village of Aurora, in the county of York, Province of Ontario, wheelwright, for a certain new and useful machine for removing the outer skin or rind from potatoes, apples, and similar fruits, to be called Dimma's potatoe and apple parer. Dated Ottawa, 19th August, 1869.

10. Thomas Bassett, of the town of Collingwood, in the county of Simcoe, Province of Ontario, blacksmith, for a certain new and useful improvements in a machine for lifting hay and straw, improved machine to be called or known as the champion hay, pea and barley horse fork. Dated Ottawa, 10th August, 1869.

11. Thomas Macle, of the village of Melbourne, in the county of Richmond, Province of Quebec, mineologist, for a new and useful art of extracting copper and silver from the ores of such metals, to be called or known as Mackie's process of separating copper and silver from the ores thereof. Dated Ottawa, 19th August, 1869.

12. Elijah Edward Abbott, of the village of Ganaroque, in the county of Leeds, Province of Ontario, machinist, for certain new and useful improvements in machines to be placed on the spindle of lathes for holding articles while being turned, the improved machine to be called or known as Abbott's improved chuck. Dated Ottawa, 19th of August, 1869.

13. John Blacklock, of the village of Hastings, in the county of Peterborough, Province of Ontario, manufacturer, and William Thomas Smithett, of the same place, clerk in holy orders, for improvements in machines for bolting and washing clothes, the machine to be called or known as the Imperial steam washing boiler. Dated Ottawa, 19th August, 1869.

14. William Milner, of the village of Strathroy, in the county of Middlesex, Province of Ontario, wagon maker, for a certain new and useful improvement in waggon for holding the wagon-box to the bolsters, to be called:

Milner's improved wagon stake. Dated Ottawa, 19th of August, 1869.

15. John Palmer Johnston, of the village of Oshawa, in the county of Ontario, Province of Ontario, watchmaker and jeweller, for a new and useful machine for coupling railway carriages to be called Johnston's self acting draw-head. Dated Ottawa, 20th August, 1869.

16. George James Baker, of the town of Oakville, in the county of Halton, Province of Ontario, livery stable keeper, for a certain new and useful rub or wear iron, for use on four wheeled vehicles, to preserve the body and front wheels of the carriage from injury by the pressure of the one on the other, in turning, to be called Baker's Dominion carriage rub iron. Dated Ottawa, 19th August, 1869.

17. Francois Alexandre Aubert LaRue, of the city of Quebec, in the Province of Quebec, for a new and useful improvement on the manufacture of cast iron and steel, which improvement apart from other advantages, enables those products to be obtained from the Canadian magnetic sands the improvement to be called procede LaRue pour la fabrication de la fonte et de l'acier. Dated Ottawa, 19th August, 1869.

18. James Fortune Cass, of the village of L'Orignal, in the county of Prescott, Province of Ontario, gentleman, for a certain new and useful improvements on screw wrenches, for the more efficient working of the same, to be called Cass improved wrench. Dated Ottawa, 24th of August, 1869.

19. John Hovey Williams, of the township of Saltfleet, in the county of Wentworth, in the Province of Ontario, yeoman, for a certain new and useful improvements on reaping machines now in ordinary use, for the purpose of giving the driver more control over the machine by enabling him to raise or lower the grain table or platform and cutter bar at his pleasure, and to cut any kind of grain on rough or smooth ground without leaving his seat or stopping the machine while cutting, to be called Williams' adjuster for raising or lowering the platform for reapers. Dated Ottawa, 24th August, 1869.

20. William Milner, of the village of Strathroy, in the county of Middlesex, in the Province of Ontario, wagon maker, for a certain new and useful improvement in sleighs and cutters for supporting the sleigh or cutter box to be called Milner's improved sleigh and cutter bench. Dated Ottawa, 25th August, 1869.

21. Jacob William De Castro, of the city of Montreal, in the district of Montreal, in the Province of Quebec, sugar-refiner, for a certain new and useful improvements on filtering machines, now in ordinary use for securing greater efficiency in operating, to be called De Castro's improvement in filtering machines. Dated Ottawa, 25th August, 1869.

22. John Smetzer Jackson, of the town of Stratford, in the county of Perth, Province of Ontario, machinist, assignee of Antoine Frechette, of the city of Ottawa, in the county of Carleton, Province of Ontario, cabinet maker, for a certain new and useful improvements in the gig saw, now in ordinary use for scroll sawing, to be called the portable self acting gig saw. Dated Ottawa, August 25th, 1869.

23. Cyrus Wellington Saladee, of the town of St. Catharines, in the county of Lincoln, Province of Ontario, gentleman, assignee of George Ezra Smith, of the city of Toronto, Province of Ontario, machinist, for a certain new and useful improvement in machine buck saws, called the improvement in machine buck saws. Dated Ottawa, 25th August, 1869.

24. Charles Boeckh, of the city of Toronto, in the county of York, Province of Ontario, brush manufacturer, for a certain new and useful improvements in paint or varnish brushes, the object of which is to make a brush that shall not drop hair or fall to pieces, to be called Boeckh's improved C. A. paint brush. Dated Ottawa, 27th of August, 1869.

25. Benjamin Thrasher Morrill, of the village of Rock Island, in the county of Stanstead, Province of Quebec, iron founder, for new and useful improvements in a machine for ploughing land, the improved machine to be called Morrill's mould board for ploughs. Dated Ottawa, 27th August, 1869.

26. Edward Kennedy, of the township of East Zorra, in the county of Oxford, Province of Ontario, yeoman, for a land roller, to be called Kennedy's flexible roller. Dated Ottawa, 7th September, 1869.

27. Joseph Strain, of the township of Artemesia, in the county of Grey, Province of Ontario, yeoman, for new and useful improvement on the spinning wheel now in ordinary use for spinning wool and other materials, the spinning wheel comprising the said improvement, to be called or known as Strain's easy spinning wheel. Dated Ottawa, 7th September, 1869.

28. George McLean, of the village of Aberfoyle, in the county of Wellington, Province of Ontario, miller, for new and useful improvements in bee-hives, the bee-hive and improvements to be called McLean's improved champion hive. Dated Ottawa, 7th September, 1869.

29. John Nelson, of the town of Belleville, in the county of Hastings, Province of Ontario, machinist, for a new and useful improvement in thrashing machines, to be called Nelson's wrought-iron open cylinder for thrashing machines. Dated Ottawa, 7th September, 1869.

30. John Wesley Jacobs, of the township of Reach, in the county of Ontario, Province of Ontario, manufacturer of agricultural implements, for a new and useful machine for acting as a combined hammer claw, screw driver, rule, wrench, punch scratch and gimble, and pair of compasses, to be called Jacobs' patent combination wrench. Dated Ottawa, 7th September, 1869.

31. William Bentley, of the township of Normanby, in the county of Grey, Province of Ontario, general mechanic, and Charles Mee, of the same place, general mechanic, for a new and useful improvement in a pump, to be called Bentley and Mee's universal lock. Dated Ottawa, 7th September, 1869.

32. Amos Grandin Batson, of the town of Bradford, in the county of Brant, Province of Ontario, gentleman, for new and useful improvements on bedsteads, to be called Batson's elastic bedstead bottom. Dated Ottawa, 8th September, 1869.

33. Archibald Campbell, of the Badenoch Settlement, in the county of Wellington, Province of Ontario, yeoman, for a new and useful machine for pulling and dressing turnips, to be called Campbell's turnip puller and dresser. Dated Ottawa, 8th September, 1869.

34. John Doty, of the town of Oakville, in the county of Halton, Province of Ontario, blacksmith, for a new and useful improvement in the manufacture of carriage axles, to be called Doty's improved solid collar axle. Dated Ottawa, 8th September, 1869.

35. John Marritt, of the village of Aurora, in the county of York, Province of Ontario, yeoman, for new and useful improvements on a bag holders now in ordinary use for holding bags to be called Marritt's improved bag holder and barrow combined. Dated Ottawa, 8th September, 1869.

36. Charles Allen, of the village of Watford, in the district of Bedford, Province of Quebec, machinist, for a certain new and useful improvements on a certain manufacture now in ordinary use for the efficient construction and arrangement of a stove, to be called the poor man's stove. Dated Ottawa, 8th September, 1869.

37. Evangeliste Lavigne, of the city of Quebec, Province of Quebec, joiner, for a new and useful self acting machine by means of which any person wishing to enjoy a swing can do so without the assistance of exterior aid, to be called balancoire independante. Dated Ottawa, 11th September, 1869.

38. William Raby Burrage, of the city of Toronto, in the county of York, Province of Ontario, agent, for a certain new and useful machine for the coupling and attachment of horses and other similar animals to the various purposes of draught, to be called Burrage's universal horse yolk. Dated Ottawa, 11th September, 1869.

39. William Leighton Kimmond, of the city of Montreal, Province of Quebec, engineer, for a certain new and useful improvements in railway car and engine trucks, now in ordinary use for ensuring greater safety in running, to be called Kimmond's safety truck. Dated Ottawa, 11th September, 1869.

40. David Wilson Doan, of the village of Aurora, in the county of York, Province of Ontario, merchant, for a new and useful portable fire proof safe safe leach and smoke house, combined, to be called Doan's portable fire proof safe and smoke house, combined. Dated Ottawa, 11th September, 1869.

41. Henry Wellington Ostrame, of the township of Sidney, in the county of Hastings, in the Province of Ontario, yeoman, and Robert Hall, of the township of West Ham-borough, in the county of Wentworth, in the Province of Ontario, yeoman, for a new and useful improvement in cultivators and gang ploughs now in ordinary use for tilling the ground, to be called Ostrame and Hall's improved cultivator and gang plough. Dated Ottawa, 11th September, 1869.

42. Robert Mitchell, of the city of Montreal, in the district of Montreal, in the Province of Quebec, press foundry, for a certain new and useful improvements on stair steps for preventing persons slipping down stairs and preventing the same from being worn, to be called Mitchell's improvements on stair steps. Dated Ottawa, 11th September, 1869.

43. Malcolm Roscoe Melis, of the village of Bedford, in the district of Bedford, in the Province of Quebec, physician and surgeon, for a certain new and useful improvements in invalid beds now in ordinary use for assisting the easy manipulation of sick people while confined to bed, to be called Melis' improvements in invalid beds and fracture bed. Dated Ottawa, 11th September, 1869.

44. George Lucas, of the town of Sarnia, in the county of Lambton, Province of Ontario, harness maker, for a certain new and useful machine for cleaning and renovating feathers, to be called the steam and chemical feather renovator. Dated Ottawa, 11th September, 1869.

45. Charles Osborne, of the town of Guelph, in the county of Wellington, in the Province of Ontario, machinist, for a certain new and useful improvement on sewing machines for tightening the shuttle thread, to be called Osborne's screw regulating tension. Dated Ottawa, 11th September, 1869.

46. Benjamin Franklin Hedden, of the city of Toronto, in the county of York, in the Province of Ontario, engineer, for a certain new and useful improvement on a certain machine now in ordinary use, for preventing boiler explosions through low water, to be called Hedden's improved low water alarm. Dated Ottawa, 11th September, 1869.

47. William Hewston Aithorp, of the township of Blanchard, in the county of Perth, in the Province of Ontario, farmer, for a certain new and useful improvement in peaharvest and hay rakes, to be called Aithorp's combined horse and peaharvester and hay rake. Dated Ottawa, 11th September, 1869.

48. John MacDonald, of the village of Petrolia, in the county of Lambton, in the Province of Ontario, boiler maker, for a certain new and useful improvement on a machine or apparatus for the consumption as fuel of crude petroleum or petroleum tar, to be called Macdonald's petroleum oil or petroleum tar burner. Dated Ottawa, 11th September, 1869.

49. Thomas Weston Ritchie, of the city of Montreal, in the Province of Quebec, Esquire, for a certain new and useful art for the purpose of protecting bonds, debentures, and other negotiable securities from the dangers of theft, for a certain new and useful improvement on the patent bond protection system. Dated Ottawa, 13th September, 1869.

50. James Trout, of the township of St. Vincent, in the county of Grey, in the Province of Ontario, yeoman, for a certain new and useful improvement on farm gates, to be called Trout's roller and suspension gates. Dated Ottawa, 13th September, 1869.

51. William George Cordingley, of the city of Ottawa, in the county of Carleton, Province of Ontario, tinsmith, and Moses Hero, of the same place, tinsmith, for a certain new and useful improvements in dumb stoves, to be called a ready sand heater, hot air and ventilating dumb stove. Dated Ottawa, 13th September, 1869.

52. William Brandreth, of the township of Adelaide, in the county of Middlesex, Province of Ontario, farmer, for a certain new and useful improvement on a certain scythe snath, now in ordinary use, to be called Brandreth's improved scythe snath. Dated Ottawa, 13th September, 1869.

53. Fabien Chambers, of the township of Wainfleet, in the county of Welland, Province of Ontario, apiarian, for improvements on the Thomas bee-hive and on others of nearly similar construction and now in general use, to be called Chambers' improved bee-hive. Dated Ottawa, 13th September, 1869.

54. John H. Cameron, of the township of Lebel, in the county of Glengarry, Province of Ontario, carpenter, for an improvement in chain pumps now in ordinary use, to be called Cameron's patent rubber packed pump sucker. Dated Ottawa, 13th September, 1869.

55. William Card, of the village of Normondale, in the county of Norfolk, Province of Ontario, yeoman, for a machine for drying fruit, to be called Card's fruit drier. Dated Ottawa, 15th September, 1869.

56. Richard Lewis, of the township of Melbourne, in the county of Richmond, Province of Quebec, carpenter, for a certain improvement on machines for making butter, to be called the Modern Township churn. Dated Ottawa, 15th September, 1869.

57. William Curtis, of the town of Belleville, in the county of Hastings, Province of Ontario, millwright and machinist, for a certain improvement on a turbine water wheel, such improved wheel to be called the combination turbine water wheel. Dated Ottawa, 15th Sept., 1869.

58. Thomas Fogg, of the town of St. Marys, in the county of Perth, Province of Ontario, for a certain improvement in railway switches, to be called the Fogg switch. Dated Ottawa, 15th September, 1869.

59. Alfred James Lenon, of the township of Beverly, in the county of Wentworth, and Firman Clement, of the township of Ancaster, in the county of Wentworth, Province of Ontario, both yeoman, for improvements on the revolving plough cover patented 10th July, 1868, by Abraham Henderson, and the aforesaid Firman Clement, to be called Lenon and Clement's improved revolving plough coultter. Dated Ottawa, 15th September, 1869.

(To be continued.)