

bined spring, to be called the combined spiral spring.—Dated Ottawa, 24th July, 1888.

No. 2707. William Bos, of the city of Montreal, in the district of Montreal, gentleman, a new and useful machine for automatically counting or enregistering articles of merchandise, and other things, to be called Bos's improved tallying machine.—Dated Ottawa, 24th July, 1888.

No. 2708. Thomas Laverick Wilson, of the city of Montreal, in the district of Montreal, mechanical engineer, and John McDougall, of the same city of Montreal, mechanical engineer, a new and useful truck for railway cars.—Dated Ottawa, 24th July, 1888.

No. 2709. Alden Veranus Brown, of Sweetburg, in the County of Missisquoi, in the district of Bedford, photographer, a new and useful hydraulic engine, for giving motion to machinery, to be called or known as Brown's hydraulic engine.—Dated Ottawa, 29th July, 1888.

No. 2710. Thomas Walker, of the township of Chinguacousy, in the county of Peel, carpenter, and William Walker, the younger, of the same place, yeoman, a new and useful machine for the purpose of guiding ploughs when ploughing, to be called T. and W. Walker's plough guide.—Dated Ottawa, 3rd August, 1888.

No. 2711. Harvey Smith Pendleton, of the township of Dereham, in the county of Oxford, cheese manufacturer, a new and useful reflector for lamps.—Dated Ottawa, 8th August, 1888.

No. 2712. William Cornwall, of Rockport, in the township of Scott, in the county of Leeds, physician surgeon, a new and useful manufacture to wit: a bit for a horse, to be called the pulley bit.—Dated Ottawa, 4th August, 1888.

No. 2713. Alexander Anger, of the township of Bertie, in the county of Welland, blacksmith, a new and useful machine or apparatus for the heating and ventilating of railroad cars, houses and building, and kilns for drying purposes.—Dated Ottawa, 5th August, 1888.

No. 2714. Porter Preston, of the village of Bethany, in the township of Manvers, in the county of Durham, millowner, a new and useful machine or water wheel for mill-driving purposes, to be called Preston's direct pressure voluted conoid turbine wheel.—Dated Ottawa, 10th August, 1888.

No. 2715. Isaac Beadell Bowerman, of the township of South Norwich, in the county of Oxford, carpenter, a new and useful machine or tool namely a vice, to be known as the universal adjustable vice.—Dated Ottawa, 10th August, 1888.

No. 2716. Philo Lambkin, of the village of Riceburg, in the district of Bedford, manufacturer, a new and useful portable self-adjusting fence.—Dated Ottawa, 10th August, 1888.

No. 2717. Francis Roberts, of the township of West Gwillimbury, in the county of Simcoe, yeoman, a new and useful machine or apparatus for the purpose of cutting and destroying thistles and other weeds, such machine or apparatus to be attached to and used in connection with any ordinary plough either by means of a shear-bearer or shear-point, such machine or apparatus to be called Robert's thistle-cutter No. 3.—Dated Ottawa, 17th August, 1888.

No. 2718. John Doty, of the town of Oakville, in the county of Halton, machinist, a new and useful machine for the upsetting of axles.—Dated Ottawa, 19th August, 1888.

No. 2719. Stephen Theodore Pearce, of the village of Buckingham, in the county of Ottawa, mining engineer, a certain new and useful improvement in the art of mechanically separating from each other without the use of water, air, or any fluid, particles of mineral or other substances which may be mixed together and having specific gravities differing from each other, the said improvement to be called Pearce's improved method of dry dressing; and also of two certain new and useful machines the use of which are necessary to the carrying out and effecting of such improvement; the first of which said machines is to be called or known as Pearce's centrifugal separator, and the second thereof as Pearce's cone separator.—Dated Ottawa, 4th August, 1888.

No. 2720. William Gilliland, of the township of Mar-mora, in the county of Hastings, machinist, a new and useful machine, namely: a spring for the doors of railway cars or carriages, to be called the reverse pressure car door spring.—Dated Ottawa, 24th August, 1888.

No. 2721. Isaac Brock Markle, of the village of Elmira, in the county of Waterloo, machinist, a certain new and useful improvement in ploughs, namely: in the attaching of the points to the shares thereof to be called the universal moveable plough share point.—Dated Ottawa, 24th July, 1888.

No. 2722. Richard Lewis, of Melbourne, in the county of Richmond, carpenter, a new and useful gate, namely: an inlined or self-closing gate.—Dated Ottawa, 12th August, 1888.

No. 2723. William Gilliland, of the township of Mar-mora, in the county of Hastings, machinist, a new and useful machine, namely: a spring for doors and gates to be called the double acting reverse pressure door and gate spring.—Dated Ottawa, 24th July, 1888.

No. 2724. David Cameron Ferguson, of the township of Scarboro, in the county of York, carpenter and joiner, certain new and useful improvements in the suction pump for raising water, the pump with such improvements added, to be called Ferguson's improved pump, dated Ottawa, 24th July, 1888.

No. 2725. Antoine St. Jacques, of the parish of Ste. Anne d'Yamachiche, in the county of St. Maurice, coach builder, a certain new and useful composition of matter forming a balm for the relief of cougus called baume adoucesant pour la toux.—Dated at Ottawa, 24th July, 1888.

No. 2726. Freeman Green, of the township of Saltfleet, in the county of Wentworth, mechanic, a certain new and useful improvement on the spinning wheel, the improved spinning wheel to be called or known as Freeman Green's Canadian spinning wheel.—Dated Ottawa, 30th July, 1888.

No. 2727. Michael Keefe, the younger, of the township of Vaughan, in the county of York, blacksmith, a certain new and useful improvement in instruments for unloading or otherwise removing hay, straw, corn and other such like produce; the hay fork, with such improvements added, to be called Keefe's harpoon hay fork.—Dated Ottawa, 10th August, 1888.

No. 2728. Roderick I. Jan, of the township of North Faethope, in the county of Perth, blacksmith, a new and useful machine, namely: a punching die.—Dated Ottawa, 5th August, 1888.

No. 2729. Camille Gentesse, of the city of Montreal, in the district of Montreal, machinist, a new and useful machine or agricultural implement for sowing seeds and grains and harrowing the land at the same time, to be called Semouse a Sas.—Dated Ottawa, 10th August, 1888.

No. 2730. Adolphus Davis, of the city of Montreal, in the district of Montreal, mechanical engineer, a new and useful self-coupler for railway cars, to be called Davis' self-coupler for railway cars.—Dated Ottawa, 20th August, 1888.

No. 2731. George Blake, of the town of Whitby, in the county of Ontario, machinist, a new and useful self-acting semaphore for railway purposes.—Dated Ottawa, 22nd August, 1888.

No. 2732. Richard Henry Clothier, of the village of Kemptville, in the county of Grenville, carpenter, a new and useful machine for the purpose of drying clothes, said machine to be called the excelsior clothes hanger.—Dated Ottawa, 22nd August, 1888.

No. 2733. George Washington Bentley, of the township of Pickering, in the county of Ontario, joiner, a new and useful machine for gumming saws, to be called Bentley's saw gummer, grinder and upset.—Dated Ottawa, 22nd August, 1888.

No. 2734. John Yale Hammond, of the town of St. John's, in the district of Ibberville, machinist and trader, a new and useful machine for raising water, to be called the common sense pump.—Dated Ottawa, 22nd August, 1888.

No. 2735. Reginald Larard, of the village of Oshawa, in the county of Ontario, upholsterer, a new and useful improvement in the method of securing spring heads in the construction of spring mattresses and other articles where spiral springs are used, to be called Larard's patent button head attachment.—Dated Ottawa, 26th August, 1888.

No. 2736. James Coone, of the village of Manilla, in the county of Victoria, machinist, certain new and useful improvements in hay rakes. Dated Ottawa, 27th August, 1888.

No. 2737. Robert Errett Stephens, of the town of Owen Sound, in the county of Grey, gentleman, a new and useful improvement in the manner of hanging and fastening gates, to be called Stephen's self locking adjustable hinge and latch.—Dated Ottawa, August 27th, 1888.

No. 2738. Edwin Robert McCall, of the township of Charlotteville, in the county of Norfolk, yeoman, a new and useful machine for the purpose of gauging the depth of furrow in ploughing land, to be called McCall's improved plough gauge.—Dated Ottawa, 27th August, 1888.

No. 2739. James Marr, of the township of Woodhouse, in the county of Norfolk, yeoman, a certain new and useful improvement to his plough guide and holder, for which he obtained letters patent for the Province of Canada, bearing date the 21st day of June, in the year 1886.—Dated Ottawa, 28th August, 1888.

No. 2740. Randall Bentley, of the township of Normandy, in the county of Grey, gentleman, a new and useful machine for the purpose of making ditches, the said machine to be called Bentley's excelsior ditching machine.—Dated Ottawa, 28th August, 1888.

No. 2741. Adam Cant and Hugh Cant, both of the town of Galt, in the county of Wentworth, pattern makers, assignees of Adam Cant, of the same place, pattern maker, a new and useful machine or apparatus for heating air, to be called Cant's air heater.—Dated Ottawa, 17th August, 1888.

No. 2742. Richard Stephen, of the township of Woodhouse, in the county of Norfolk, yeoman, a new and useful harrow, to be called Stephen's rough and ready harrow.—Dated Ottawa, 22nd August, 1888.

No. 2743. John Kelsey Hopkins, of the township of West Finsboro, in the county of Wentworth, farmer, and William Kaeberry, of the same place, machinist, a new and useful manufacture of stove pipe thimbles, by the means of the composition of matter for the manufacture of an article to be called the fire proof stove pipe thimbles.—Dated Ottawa, 25th August, 1888.

No. 2744. John Clark Beckett, of the township of Franklin, in the county of Huntingdon, yeoman, a new and useful machine for the purpose of drawing manure, tan bark, gravel, dirt and other things, to be called Beckett's new and useful dumping wagon.—Dated Ottawa, 27th August, 1888.

No. 2745. John Neule, of the township of Barrie, in the county of Frontenac, miner, a new and useful machine and art for separating the metals from auriferous and argentiferous rock, the said machine and art to be called the electrical cylinder for separating the metals from auriferous and argentiferous rocks.—Dated Ottawa, 28th August, 1888.

No. 2746. Charles Eldon Ewing, of the village of Grafton, in the township of Haldimand, in the county of Northumberland, gentleman, certain new and useful improvements in the art or method of lubricating the axles of vehicles by a tube passing through the hub and box, and also of a means whereby the box or axle is prevented from working loose in the hub, to be called or known as Ewing's improved combined lubricator and axle-box fastener.—Dated Ottawa, 21st August, 1888.

No. 2747. Andrew Buchanan, of the township of Colchester, in the county of Essex, miller, a new and useful machine for the purpose of cleaning wheat and other grain for milling purposes to be called Buchanan's grand separator.—Dated Ottawa, 22nd August, 1888.

No. 2748. Richard Thomson Gilpin, of the town of St. Mary, in the county of Perth, cordwainer, a new

and useful machine, namely, an attachment to waxed thread sewing machines for the purpose of keeping waxed thread pliable by heat, to be called Gilpin's hot air waxed thread heater.—Dated Ottawa, 27th August, 1888.

No. 2749. James Marr, of the township of Woodhouse, in the county of Norfolk, yeoman, a new and useful machine for racking all kinds of grain off, of and from reaping machines, to be called James Marr's self-acting rake.—Dated Ottawa, 3rd September, 1888.

No. 2750. Solomon Cordingley, of the township of Trafalgar, in the county of Halton, yeoman, a new and useful machine for the purpose of boring fence caps, to be called Cordingley's fence cap borer.—Dated Ottawa, 4th September, 1888.

No. 2751. William Yelland, of the town of Peterborough, in the county of Peterborough, blacksmith, a new and useful harrow, to be called Yelland's improved patent harrow.—Dated Ottawa, 4th September, 1888.

No. 2752. Cornelius Cooper, of Strathroy, in the county of Middlesex, blacksmith, a new and useful horse-shoe for resisting and overcoming the tendency of snow and mud to accumulate and adhere to the hoofs and shoes of horses during the snowy and muddy seasons, to be called Cooper's convex horse-shoe.—Dated Ottawa, 4th September, 1888.

No. 2753. Robert Wellington Johnson, of Tilson-bury, in the township of Dereham in the county of Oxford, yeoman, a new and useful tackle and lever power stump extracting machine, to be called Johnson's tackle and lever-power stump machine.—Dated Ottawa, 5th August, 1888.

No. 2754. David Vase, of the city of Montreal, in the district of Montreal, gentleman, a new and useful telescopic fire escape ladder for rescuing the inmates of burning houses, to be called Vase's telescopic fire escape ladder.—Dated Ottawa, 24th July, 1888.

No. 2755. George Roger Prowse, of the city of Montreal, in the district of Montreal, manufacturer, a new and useful improved washing boiler for the purpose of cleansing or removing impurities from clothes, by the rapid circulation of boiling water through the boiler, to be called Prowse's improved washing boiler.—Dated Ottawa, 28th August, 1888.

No. 2756. George Washington Cummings, of the city of Toronto, in the county of York, machinist, a new and useful machine for the purpose of making bricks, to be called the New Dominion brick press.—Dated Ottawa, 4th September, 1888.

No. 2757. James Way Anderson, of the township of Ameliasburg, in the county of Prince Edward, yeoman, a new and useful wire and slat fence, with equal wire tension windlass, to be called the Dominion fence.—Dated Ottawa, 4th September, 1888.

No. 2758. Jacob Lawrence, of the village of Palermo, in the county of Halton, machinist, a new and useful improvement on reaping and mowing machines, namely: the addition of a geared windlass thereto, for raising and lowering the cutter bar with ease, at the will of the operator, to be called the cutter bar adjuster.—Dated Ottawa, 5th September, 1888.

No. 2759. William George Cordingley of the city of Ottawa, in the county of Carleton, tinsmith, a new and useful machine or apparatus for cooking meat or vegetables by either steaming or boiling.—Dated Ottawa, 7th September, 1888.

No. 2760. Norris Black, of the city of Toronto, in the county of York, machinist, a new and useful hand shuttle sewing machine, which he calls Black's sewing machine.—Dated Ottawa, 7th September, 1888.

No. 2761. Benjamin Potter Jones, of the city of Ottawa, in the county of Carleton, cabinet maker, a new and useful window holder or support, dispensing with cords and weights now in ordinary use, to be called Jones' improved sash press and holder.—Dated Ottawa, 8th September, 1888.

No. 2762. David Roberge, of the city of Montreal, in the district of Montreal, yeoman, a new and useful improved horse-shoe, for curing and preventing lameness in horses, to be called Roberge's improved horse-shoe, for curing and preventing lameness in horses.—Dated Ottawa, 9th September, 1888.

No. 2763. William Hamilton, of the city of Toronto, in the county of York, iron founder, a new and useful improved varnish paint.—Dated Ottawa, 9th September, 1888.

No. 2764. Theodore Galibert, of the city of Montreal, in the district of Montreal, merchant, for the introduction of a new and useful respiring apparatus, permitting the wearer to penetrate and remain without danger in places where ordinary breathing is impossible either from foul air or smoke, called Galibert respiring apparatus or apparatus respiratoires.—Dated Ottawa, 12th September, 1888.

No. 2765. Thomas Dimma, of the township of Scott, in the county of Ontario, farmer, a new and useful lever spinning wheel for the purpose of spinning wool.—Dated Ottawa, 4th September, 1888.

No. 2766. William Parson, of the city of Toronto in the county of York, oil refiner, a new and useful method by which to connect together the pig fount and stand of glass lamps without the use of cement.—Dated Ottawa, 7th September, 1888.

No. 2767. Alexander Anderson, of the city of London, in the county of Middlesex, machinist, a new and useful machine for raking hay and pulling peas, to be called Anderson's patent hay rake and pea puller.—Dated Ottawa, 11th September, 1888.

No. 2768. John Hallam, of the village of Bruce Mines, in the district of Algoma, carpenter, a new and useful machine for churning and for washing cloth, to be called Hallam's New Dominion churn and washer.—Dated Ottawa, 11th September, 1888.

No. 2769. George Wilkinson, of the village of Gormley, in the county of York, blacksmith, a certain new and useful improvement in the construction of ploughs, the plough with such improvement added to be called Wilkinson's Dominion plough.—Dated Ottawa, 11th September, 1888.