February 3, 1893. THE CANADIAN MANUFACTURER. 76 41,600 Manufacture of white lead, A. Houman and V. Vulliez, 41,652 Furnace, J. N. Johnson and J. Moran, January 17th. January 16th. 41,653 Ball bearing, P. Dansereau, January 17th. 41,601 Production of coke, F. J. Jones, January 16th. 41,654 Railroad spike, S. H. Bracey, January 17th. 41,603 Grain drill, C. E. Patric, January 16th. 41,655 Rotary engine, H. Raith, January 17th. 41,604 Spring hinge, E. C. Stearns & Co., January 16th. 41,656 Manufacturing rectangular meshed wire netting, A. N. Pearson and R. Penn, January 17th. 41,605 Vehicle spring, H. Brooks, January 16th. 41,657 Cooking utensil, A. R. Isaacs, January 17th. 41,606 Mail bag, C. P. Tatro, January 16th. 41,608 Brake for baby carriages, W. Wilson, Januaay 16th. 41,658 Axle bearing, H. J. LaForce, January 17th. 41,659 Manufacture of bobbins, tool handles, etc., from paper, L. 41,609 Band-saw attachment, J. H. Mead, January 16th. Münsterberg, January 17th. 41,610 Photographic camera, J. T. Walker, January 16th. 41,660 Draft rigging for car coupler, J. A. Ninson, January 17th. 41,611 Multiple saw frame, A. Jeaussunse, January 16th. 41,661 Feed regulator, W. Gribben and J. M. Gaige, January 17th. 41,612 Feed water heater, N. Chute, January 16th. 41,662 Purifying, sterilizing and filtering drinking water, S. L. 41,614 Setting type, J. A. Kay and R. A. V. Rae, January 16th. West, January 17th. 41,615 Printing photographs, R. J. Wynkoop and J. M. Kemp, 41,663 Spring board for feeling timber and sawing upper end of January 16th. piles after they have been driven, J. B. Brickley, 41,616 Operating the stocks of percussive drills and other like ap-January 17th. paratus, W. A. G. Birkin, January 16th. 41,664 Automatic coupling for railway cars, C. A. Pooley, January 41,619 Mounting for motors of electric cars, H. S. Short, January 17th. 16th. 41,665 Paper pulp digester, C. Curtis and N. M. Jones, January 41.621 Method of feeding boilers, N. Clute, January 16th. 17th. 41,622 Vehicle spring, N. A. Newton, January 16th. ELECTRICAL. 41.625 Brick machine, B. C. White and J. A. Boyd, January 16th. 41.447 Electric lighting, G. J. & G. J. T. J. Parfitt, January 4th. 41,626 Wood-working machine, F. S. Madison, et al, January 41,449 Motor, E. C. Wheat, January 4th. 16th. 41,454 Telegraphic apparatus, J. A. Parker, January 4th. 41,627 Propelling and steering apparatus for ships or vessels, J. I. 41,465 Carbon holder for arc lamps, J. J. Wood, January 9th. Chornycroft, January 16th. 41,482 Electric heating for electric railway systems, M. W. Dewey, 41,628 Sewerage apparatus, W. S. West, January 16th. January 9th. 41,629 Magnetic pen holder, F. H. Brown, January 16th. 41,484 Electric battery, D. M. Lamb, January 10th. 41,630 Feeding mechanism for carding engine, J. F. Geb. January 41,492 Electric railway car, M. W. Dewey, January 10th. 16th. 41,504 Diaphragm for electrolytic cell, E. A. Le Sueur, January 41,631 Toy and advertising device, Keane Novelty Co., January 11th. 16th. 41,539 Electric motor or dynamo electric machine, R. Landell and 41,632 Propelling apparatus for vessels, J. Wirth, January 16th. E. H. Johnson, January 12th. 41,633 Rotary snow plow, E. Leslie, January 16th. 41,555 Operating ammeters and other electrical apparatus, H. H. 41,634 Hose reel, W. T. Y. Schenck, January 16th. Pilkington and R. S. White, January 13th. 41,635 Pivotal cross beam spring tooth cultivator, W. Hewitt, 41,573 Automatic determining device for phonographs, T. A. January 16th. Edison, January 13th. 41,636 Fire escape, N. Bouvier, January 16th. 41,602 Electric arc lamp, A. W. Brown, January 16th. 41,637 Sewing machine, M. C. Lisle and M. A. Pierce, January 41,607 Storage battery, G. A. Washburn, January 16th. 16th. 41,617 Dynamo electric machine, W. M. Morley, January 16th. 41,618 Electric transformer, W. M. Morley, January 16th. 41,638 Pump, W. McLennan, January 16th.

- 41,639 Threading and cutting off pipe, A. W. Cash, January 16th.
- 41,640 Gas regulator, M. O'Govman, January 16th.
- 41,641 Rail supporter, E. G. Patterson, January 16th.
- 41,642 Tamping railway ties, E. G. Patterson, January 16th.
- 41,643 Harness, J. F. Welcome, January 16th.
- 41,644 Typewriting machine, Daugherty Typewriter Co., January 17th.
- 41,645 Photograph holder, G. F. Bambridge, January 17th.
- 41,646 Machine plow, J. Carpenter, January 17th.
- 41,647 Liquid measuring vessel, C. A. White, January 17th.
- 41.649 Sign stoncilling machine, G. H. Tietzen, January 17th.
- 41,650 Grain cleaner, A. Hernè, January 17th.
- 41,651 Manufacturing wire fence strands, E. F. Hathaway, Jan. 17th.

- 41,620 Cars propelled by electricity, S. H. Short, January 16th. 41,623 Electric railway, J. F. Munsie, January 16th.
- 41,624 Electric railway, J. F. Munsie, January 16th.
  - SCIENTIFIC PROCESSES.
- 41,445 Disinfecting, deodorizing and preservative compound, F. G. Smith, jr., January 4th.
- 41,480 Extraction of gold and silver from ores or compounds containing the same, H. Parkes and J. C. Montgomerie, January 9th.
- 41,511 Remedy for cancerous sores, A. Adamkiewicz, January 11th.
- 41,613 Carbonating beer, Universal Carbonating Co, January 16th.
- 41,648 Forming soluble phosphates, J. E. Stead and H. M. Howe, January 17th.

