

has a promising future before him, having made a brilliant record so far in his studies. He came out head in his 1st and 3rd year, and a good second in his 2nd year at McGill. In his first year he took also the special prize of \$30 given for the best machine shop work, his achievements being considered by the examiners as quite remarkable.

It is not generally known that Lord Aberdeen may be styled a locomotive engineer, his Excellency having been possessed from boyhood with an intense love for everything relating to railways, and having on more than one occasion been allowed, under supervision, to drive an engine. Very soon after his maiden speech in the House of Lords, he was appointed member of a Royal Commission which had been instituted for the purpose of enquiring into railway accidents, and shortly afterwards he was elected chairman of the same body. It is stated that one of the chief pleasures to which his Excellency looked forward on his coming to America was the study of the differences between the locomotives of this continent and those of the old country, with the intricacies of which he is well acquainted.

### GERMAN PATENTS.

Compiled at the patent and technical office of Brockhues & Co., Cologne, for THE CANADIAN ENGINEER. Information referring to these lists given free of cost to our subscribers.

Furnace; W. Büttner, Gummersbach, Rhenish Prussia.

Iron supports for ceilings; A. Chocarne, Paris.

Adjusting mechanism in spring balances; Mrs. Lina Koch, Hanover.

Method of manufacturing a voluminous smokeless gunpowder; Max von Förster, Berlin.

Hot water stove; W. Blossfelds, Leipzig Keudnitz.

Gas air-heating stove, with closed fire-place; Franz Lönholdt, Frankfort-on-the-Maine.

Copper packing-ring for valves; Jos. Moravely, Gratwein.

Boring apparatus for pipes under pressure; F. A. Hille, Goslar a. Harz.

Jacquard machines for colored double plush; Emil Claviey, Chemnitz.

Type-rod writing machine; M. F. Sebalot and wife, Dr. K. Bier, née Wiegner, Frankfort-on-the-Maine.

Attachable break; H. Büssing, Brunswick.

## The Patent Review.

45,602 Angus Cameron Gordon, Rochester, N.Y., railway time signal.

45,604 David Wm. Brunton, Aspen, Colo., car coupler.

45,606 James McGee, Houston, Texas, car brake.

45,607 A. E. Trivibick, St. Henri, Que., street-cleaning apparatus.

45,613 Ray Gaul, Brooklyn, N.Y., apparatus for producing a draft in smoke-stacks, etc.

45,614 George H. McAlpine, Concord, N.H., fire or waterproof paint.

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45,617 James Hargreaves, Liverpool, Lancaster, Eng., apparatus for the electrolysis of chlorides and other salts.

45,619 Jacob S. Shoemaker, New Lothrop, Michigan, road cart.

45,621 Anson M. Howard, New Haven, Connecticut, adjustable shafts.

45,622 Harvey Copley Goodgion, New York, folding square

45,623 Wm. Henry Judson, Toronto, Ont., car fender.

45,630 Robert Sampson, Quebec, Que., plumbers' test pump.

45,631 Lovren E. Hague, Greenville, Penn., injector.

45,632 Daniel Hunt, Round Grove, Missouri, car coupler.

45,636 James E. H. Paddon, Montreal, method of and means for preventing the clogging of ventilators

45,638 Charles F. Fogg, New York, air compressor.

45,639 Thomas Crane, Bay City, Michigan, water purifier.

45,642 Henry C. Michell, Toronto, boiler cover

45,646 Carl Hoepfner, Giessen, Germany, process of and apparatus for the production of nickel, etc

45,647 Daniel D. Wilson, Toronto, Ont., hand fire extinguisher.

45,652 Charles W. Patton, Ohio Falls, Indiana, car coupler.

45,653 John J. Shainer, Clint, Tex., car coupler.

45,654 James F. McElroy, Albany, N.Y., rotary engine.

64,659 Lawrence Curtin, Toronto, track cleaner

45,661 Joseph J. Dresdond, Detroit, Mich., steam injector

45,663 David S. Hunton, Martinsburg, Iowa, car coupler.

45,664 Hubert T. Chalifoux, St. Hyacinthe, Quebec, hay press

45,669 J. Alexis Robillard, St. Andrew's, Que., gate hinge.

45,671 James S. Johnson, Almonte, Mich., pipe coupling

45,673 Robert Lundell, Brooklyn, N.Y., electric motor.

45,676 Omer Sevigny, St. Guillaume, Que., car coupler.

45,678 Benjamin M. Whitlock, New York, car coupler.

45,680 Henry J. Bechtel, Brantford, Ont., bicycle.

45,683 Henry Green, Hartford, Conn., incandescent electric lamp.

45,684 Stephen McLaughlin, Debert Station, N.S., nut lock.

45,686 Geo. H. Millen, Hull, Que., crimped paper bag.

45,687 George H. Millen, Hull, Que., paper for carpets, linings, wrappers, etc.

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