

- 44,975 James Alfred Crane, Villa Road, Stafford, Eng., tool.
 44,977 Harriet Carmont, Helmsdale, Eng., propeller and brake for vehicles
 44,979 Arthur K. Thyll, New York, electric cutting machine.
 44,981 William H. Sowell, Althouse, Oregon, car coupler.
 44,983 Jno E Walsh, New York, N.Y., hoisting machinery.
 44,984 Imle E. Storey, Brooklyn, N.Y., electric motor.
 44,987 Thomas F Handy, Allegheny, Pa., fire extinguisher.
 44,988 Ernest R. Esmond, New York, electric motor.
 44,990 Edward F Gordon, Concord, N H., pulley.
 44,992 Samuel E. Burlet, Red Bank, N.J., switch lock
 44,993 Curt J Balthasar, St. Louis, Mo., heater.
 44,994 Wm H. Longsdorf, New York, N.Y., electric motor.
 44,995 Fowden Printing Telegraph Co., Trenton, N J., system of electrical transmission.
 44,997 Thomas Parker, Toronto, Ont., pulverizer.

AMERICAN PATENTS.

The following is a list of patents recently granted in the United States to Canadians. They are specially furnished to THE CANADIAN ENGINEER by H B. Willson & Co., Patent Attorneys, Washington, D C.

- John Bell, Toronto, ball-bearing axle, No 514,434.
 Jules E Fortin, Que., leather-measuring machine, No 514,821.
 Joseph A. Harris, Moncton, N.B., tie-plate, No. 514,828.
 Alexander R. Lamb, Fenelon Falls, Ont., reversing-gear, No. 514,479.
 Ernest A. LeSuer, Ottawa, electrolytic cell, No. 514,681.
 John Morrissett, Vancouver, car brake handle, No. 514,763.
 Robert Matier, Winnipeg, folding bag holder, No 514,481.
 Aleck Saunders, Goderich, Ont., hot water generator for stoves, No. 514,732.
 Aleck Saunders and J. Story, Goderich, Ont, wood carving machine, No. 514,731.
 Ernest J. Wasbrood, Montreal, castor, No. 514,526.
 Thomas S. Whitman, Annapolis, N.S., curing and drying fish, No. 514,578.
 Fergus Black, Uxbridge, Ont., air pump, No 514,900.
 Romaine Callender, Bradford, Ont., electrical circuit controller, No 514,108.
 Romaine Callender, Bradford, Ont., electrical circuit controller, No 515,109.
 Romaine Callender, Bradford, Ont., automatic signaling transmitter, No. 515,110.
 Louis Cote, St. Hyacinthe, Que., heel-stiffening machine, No. 515,114
 William Houghton, Paris, Ont., wrench, No. 514,993.
 Arthur W. M Keen, Montreal, belt fastener, No. 514,998.
 The Economical Gas Apparatus Construction Company, Toronto, apparatus for spraying oil or other liquids, No. 514,952
 Louis Primeau, Beauharnois, Que, hay press, No. 515,013.
 Austin S. Hatch, Windsor, electric heater, No. 515,401.
 Andrew B. McKay, London, Ont, vehicle tongue, No. 515,407.
 Frederick S. McKay, Hatley, Que., clothes-line, No. 515,354
 William E. Ward, Kingston, Ont., lamp shade, No. 515,385.
 Ephraim Alpaugh, Preston, Ont., land roller, No. 516,175.
 Alexander Costigan, Montreal, office file, No. 516,523
 Thomas Davies, Toronto, street car fender, No. 516,266.
 Alpheus Hamlin, Almonte, Ont, churn, No 516,305.
 Thomas McCrossan, Winnipeg, Canada, washing machine, No. 516,443.
 George P. Harrison, Windsor, rotary ash shifter, No. 516,971.
 Charles E. Lavender, Toronto, wheel tire, No. 516,790.
 Felix Melouche, jr, Montreal, combination lock, No. 516,685.
 Sydney J Sanford, Barrie, Ont., fire telegraphy, No. 516,710.

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.

- Draught regulator for furnaces; Chr. Voss, Neumunster.
 Steam-water discharge pipe, with hollow float, open at the top; A. Haas, Moosch.
 Spiral boiler for hot-water heating-installations; Joseph Unzeitig, Vienna.
 Electric light installation, with incandescent lamps of several threads; Paul Scharf, Vienna
 Detachable telephone apparatus, with call apparatus that places itself automatically in circuit; F. Edmund Thode & Knoop, Dresden.

Chain-link, with hook-shaped ends catching into each other; R. A. Breul, Bridgeport.

Stuffing-box, with radial pressure of the packing material; Arnold Schroder, Burg a. d. W.

Apparatus for the manufacture of effervescent beverages containing carbonic acid; Surth Engineering Works, Surth.

Appliance for the removal of furnace ashes from fire-tubes; A. Eschenhagen, Kotibus.

Detachable Gall's chain; A. Stotz, Stuttgart.

Lifting-valve, with walls protecting the seat from wear; Engine and Boiler-fitting Works, late G. Louis, Strube, Madgeburg.

PATENTS procured for Canada, United States, Great Britain, etc.
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