

The Patent Review.

RECENT CANADIAN PATENTS.

The following are recent Canadian patents of interest to the mechanical trades:—

- 43.362 James Tittle, Johnstown, Penn., waterback for furnace.
- 43.364 Frederick Cudney, Toronto, Ont., printing device.
- 43.365 James Bernard Sweeney, Johnsbury, Vermont, power hammer.
- 43.367 Vincent Paul, Edmond Martinette, Quebec, device for locking the seats of blinds.
- 43.369 Octave Lagarie, Hamilton, Ont., cycle or other wheel tires.
- 43.370 Daniel Reley, Brooklyn, N.Y., relief valve for balanced slide valves.
- 43.371 John Thomas Edwards, Kamloops, B.C., stump and tree puller.
- 43.372 John Skinner, Flint, Mich., mixing machine for concrete, mortar, etc.
- 43.373 Wm. McMahon, Rahway, N.J., dumping cart.
- 43.374 Theodore Albert Schlueter, Oakland, Cal., self-regulating liquid discharge, for closed vessel.
- 43.376 Alvin C. Kanneberg, Canton, Ohio, sheet-metal roofing.
- 43.377 David S. Patterson, North Platte, Nebraska, driving-gear for locomotive engine.
- 43.378 Michael von Dolivo-Dabrowsky, Berlin, Prussia, Ger., transmission of alternating currents of different phases.
- 43.380 James Dicks, Toronto, Ont., burner for crude oil.
- 43.383 Jacob Krumschied, Boston, Mass., device for preventing waterpipes from freezing.
- 43.387 Samuel George Curry, Toronto, Ont., ventilator for car.
- 43.391 Harry Hawkins, Birmingham, Alabama, lumber carrier.
- 43.392 Massey-Harris Company, Ltd.; Lyman M. Jones, Toronto, Ont., seeding machine.
- 43.393 Jabez Lones, Smithwick, Stafford, England, tire of wagon and other road vehicles.
- 43.394 Bernard McEvoy, Toronto, Ont., disinfecting apparatus.
- 43.395 Christopher Columbus Bradley, Syracuse, N.Y., thill coupling.
- 43.396 George H. Masson, Rochester, N.Y., rail brace.
- 43.397 Charles James McLeod, Chicago, Ill., garbage receptacle.
- 43.398 Maurice W. Bresnahan, Lynn, Mass., boot and shoe leveling machine.
- 43.399 Thomas Henry Noxon, Ingersoll, Ont., cultivator.
- 43.400 John D. McEachren, Galt, Ont., feed water heaters.
- 43.402 Frans H. R. Wauner, Stockholm, Sweden, construction of wheels cast in iron or steel for railway and other purposes.
- 43.403 Alfred Hurst Read, St. Louis, Miss., nut lock.
- 43.405 Albert Bradfort, Morden, Manitoba, wind mill.
- 43.408 Wm. Joseph Still, Toronto, Ont., transmutter for electric current.
- 43.412 John Adams, Ottawa, Ont., paper roll holder and cutter.
- 43.414 Milton Josiah Palmer, Toledo, Ohio, apparatus for making soap.
- 43.418 Alexander Elsworth Keith, Chicago, Ill., electrical switch device.
- 43.420 John J. Becker, Fort Wayne, Indiana, self-measuring pump.
- 43.421 Reece Hurff Alexander, Fort Wayne, Indiana, steam generating boiler furnace.
- 43.422 Alonzo W. Cram, Haverhill, Mass., drain pipe.
- 43.423 Waltham Leroy Baber, Corvallis, Oregon, amalgamator.
- 43.424 Joseph Brinsley Sheridan, Toronto, Ont., heating furnace.
- 43.425 John Waring, Manchester, Connecticut, electric lamp.
- 43.429 James Patterson, Halifax, N.S., improvements in steam boilers, both marine and land boilers, to wit, a new movable forced and included draft arrangement or air heater.
- 43.430 Francis Jackson, Raisinville, Mich., device for converting a reciprocating into a rotary motion.
- 43.431 Delzin G. Hobby, Albion, N.Y., gauge running attachment.
- 43.432 Robert Joy, Oswego, N.Y., steam boiler.
- 43.433 Gardner Clish, Truro, N.S., machine for jointing shingles or short boards.
- 43.436 Robert Fullerton, Martin, Tenn., steering device for road engine.
- 43.437 James Peilow, Grand Rapids, Mich., combined water heater and shower bath.
- 43.442 Bernard Theodore Steber, Montreal, P.Q., metallic tube.

- 43.445 Samuel Stephenson, Hampton, N.B., wooden box fastener.
- 43.446 Jay Chas. Richardson, New York, N.Y., gas regulator.
- 43.447 James B. Sheldon, St. Louis, Miss., underground electric railway.
- 43.448 Gardner Clish, Truro, N.S., shingle machine.
- 43.449 Jean Francois Chazotte, Montreal, P.Q., garbage cremating furnace.
- 43.451 Louis McCarthy, Boston, Mass., insulator.
- 43.452 Hans James Caulfeild, Toronto, Ont., bicycle tire.
- 43.460 Robert Wellington Biggar, Hamilton, Ont., wood heating furnace for heating buildings.
- 43.461 Hugh Thompson, Thompson Studley Park, Road Kew, Victoria, valve for fire plugs and hydrant, and means for operating same.

AMERICAN PATENTS.

H. B. Willson & Co., patent solicitors, Washington, report the following patents as recently issued in the United States to Canadians:—

- Daniel Currell, Hamilton, Ont., nozzle for fire-extinguishers, No. 504,564.
- Daniel Currie, Montreal, Que., taper attachment for lathes, No. 504,565.
- John M. Dunn, Toronto, Ont., boiler tube cleaner, No. 504,569.
- Salzer R. Earle, Belleville, Ont., combined air injector and exhauster, No. 504,334.
- Gerard B. Nagle, Revelstoke, B.C., spitton-carrier, No. 504,607.
- John B. Armstrong, deceased, Guelph, Ont.; R. Torrance, administrator, road cart, 504,771.
- John H. Crocker, Shelburne, Ont., cornice-brake, 504,710.
- John A. Gibbons, Toronto, Ont., advertising device, 504,919.
- Frederick W. Mount, St. John, N.B., electric switch board, 504,738.
- Thomas Guilfoyle, Collingwood, Ont., cigar attachment, 505,401.
- James G. Malcolm, Toronto, Ont., refrigerator, 505,114.
- Theodore Marshall, Wallaceburg, Ont., nut lock, 505,365.
- Thomas W. Ness, Montreal, Que., telephone switch, 505,170.

GERMAN PATENTS.

The following list of new German Patents is supplied to THE CANADIAN ENGINEER by Brockhues & Cie., patent solicitors, of Cologne (Germany):

- Class 3—Hooks and eyes which are hooked on to each other parallel to the edges of the cloth; Ch. E. Barnes.
- " 5—Arrangement for turning over and calendering the crape in smooth or flowered stuffs, in order to obtain a fur-like border; firm of Bartels, Dierichs & Cie.
- " 13—Arrangement for fastening boiler-fittings to the boiler plates; Rudolf Meyer.
- " "—Tubular boiler with separate series of tubes and circulating tubes; Max Seipp.
- " 25—Disconnecting apparatus for tape-covering machines; Eduard Hoeschberger.
- " 47—Mechanism for reversing an oscillating rotation with intermittent pause; Dr. O. Wettstein.
- " 54—Metal corner-fastening machine; Aug. Bartel.
- " 59—Mechanism for regulating the amount of fluid raised by pumps and force-pumps by means of a brake applied to the suction-valve; Emil Rieglmann.
- " 85—Fluid-meter with float-gauge; T. Missong.
- " 86—Beetle for mechanical looms; Schmitz Bros.
- " "—Process for the manufacture of colored woven stuffs; Eduard Eck.

PATENTS procured for Canada, United States, Great Britain, etc.
Fetherstonhaugh & Co., Patent Barristers, Solicitors and Experts; Bank of Commerce Building, King Street West, Toronto.

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 J. Edw. Maybee, Mechanical Engineer.

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