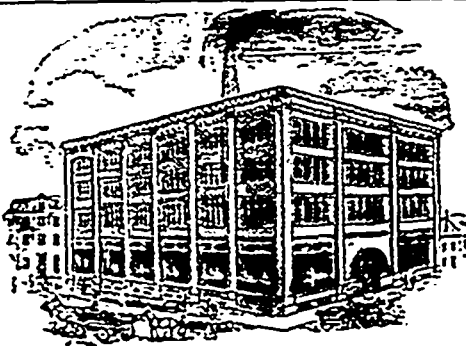


- 46,475 H. H. Forsyth, Chicago, railway car seat.
 46,476 Sarah E. Pedler, coating for metal building.
 46,477 Muskegon Chemical Fire Engine Co., Muskegon, Mich., fire extinguishing compound.
 46,481 F. Meyrose, St. Louis, Mo., stove.
 46,482 F. B. Comins, Providence, R.I., fire pail
 46,486 J. A. Lynch, St. Louis, Mo., flexible pipe coupling.
 46,489 E. Death and E. W. Wyatt, Toronto, automatic railway gate and signal.
 46,490 P. D. Murphy and E. Knobb, Lockport, N. Y., sprocket wheel.
 46,493 B. C. Pettingell, Victoria, B.C., explosive
 46,496 P. Rabbidge, London, Eng., telephones.
 46,497 J. B. Robertson, Belfast, Ireland, driving mechanism for velocipedes
 46,500 J. A. Hunter, Philadelphia, method of converting iron and steel.
 46,501 G. H. Sellers, Wilmington, Del., twisting machine.
 46,510 C. C. Kahne, G. F. Kahne, A. A. Adkins, and A. Worley, of Ashland, Ky., railway signal.
 46,511 C. H. Jeune, Indianapolis, Ind., and the Mechanics' Development Co., New York, railway rail.
 46,512 J. H. Stoll and Geo. Stoll, of Hutcheson, Kan., force pump.
 46,520 J. R. Gordon, Sudbury, and Angus W. Fraser, Ottawa, ore crusher.
 46,522 J. D. Smead, Toledo, O., furnace.
 46,528 R. F. Hall, Birmingham, Eng., driving chain
 46,530 J. G. Smith, Montreal, gas governor.
 46,533 J. Fisher, Matlock, Eng., railway signal wire compensator.
 46,535 Jos. Coles, Aspen, Col., flue expander and beader.
 46,538 D. L. R. Rochlitz and F. E. Wolter, Hamburg, Germany, pipe union.
 46,543 M. Thibault, Ottawa, lifting jack.
 46,548 Thos. Craney, Bay City, Mich., air-feeding device for furnaces
 46,549 J. Dean, Detroit, Mich., steam boiler feeder.
 46,555 James H. Swindell, Readsville, Ga., car coupler.
 46,557 D. Spencer, Roanoke, and P. H. Cooke and E. D. Quarls, Richmond, Va., piston packing.
 46,559 Thos. Talbot and A. B. Charron, Mattawa, Ont., hand car.
 46,562 C. H. Davids, Brooklyn, and J. Stewart, New York, variable crank.
 46,570 G. E. Edwards and W. Hartwell, Brantford, Ont., danger signal and lock switch.
 46,573 F. H. Sleeper, Coaticook, Que., alternating current transformer.
 46,577 T. W. Norman, Boston, Mass., art of covering insulated wire
 46,581 W. Drain, Prince Albert, N.W.T., portable engine.
 46,587 J. Doster, Montreal, hose coupling.
 46,592 L. Julia-y.-Puig, Guayaquil, Ecuador, South America, propeller.
 46,593 T. W. Paterson, Victoria, B.C., track-laying machine.
 46,597 J. Dryell, St. Thomas, Ont., angle cock for trains.
 46,598 F. H. Crafts, Buffalo, N.Y., driving mechanism for machinery.
 46,604 Charles Thackeray, Montreal, furnace grate.
 46,607 Canadian General Electric Co., Toronto, dynamo electric machine.
 46,608 Consolidated Car Heating Co., electric heater.
 46,616 T. W. Moran, Louisville, Ky., pipe coupler.
 46,625 A. G. Fell, New York, method of treating lead ore.
 46,629 E. R. Besemfelder, Breslau, Germany, method of separating metals from ores.
 46,630 J. C. Montgomerie, Dalmore, Scotland, process of extracting gold and silver.
 46,636 H. Wolff, Karlsruhe, Germany, safety mining lamp.
 46,642 H. Henderson and L. J. Kennigott, Buffalo, N.Y., pattern for casting pipe.
 46,643 N. B. K. Hoffman, New York, valve for air-brake.
 46,644 Metallic Roofing Co., Toronto, metallic shingle
 46,647 G. E. Hudson, Geo. Sanderson and W. J. Baker, all of Scarboro', Eng., water heater and purifier.
 46,648 J. E. Crawley and Thos. F. McGregor, Milwaukee, feed water heater, &c.
 46,650 D. S. Macorquodale, Toronto, car fender.
 46,655 C. E. Beaumont, G. P. Wallington, and L. A. Wallington, London, Eng., steam motor or pump.
 46,659 C. D. Jenney, Center Township, Ind., electric railway.
 46,660 H. A. Williams, Boston, Mass., wire rolling mill.
 46,663 Jas. Allen Lowe, North Branch, N. J., wrench.
 46,667 H. V. Smith, Hartford, Conn., tool holder.
 46,668 J. W. Wulff, Blair, Neb., combined wrench and rod vise.
 46,670 Jos. A. G. Trudeau, Ottawa, electric heating device.
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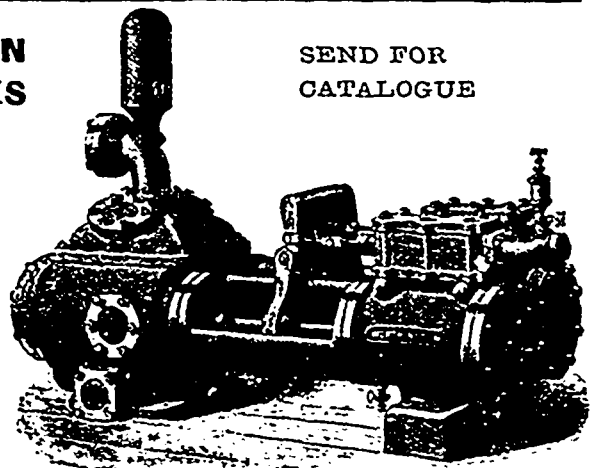
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