

Ore, apparatus and process for the reduction of, R. M. Eames	5342	Propeller, G. R. Moore	5082
" crusher, J. Hewitt	5073	" wheel, Z. C. Crean and D. Anderson	5398
" crushing and rock breaking machine, A. J. O. Day	4309	Pruning shears, J. L. O'Connor and H. Dockhan	5044
Organ, reed, G. W. Scribner	4539	Pulley block friction, G. Williams	4250
" stop action, A. M. Brush	5392	" differential, J. A. Grove	4168
Oven, revolving reel baking, J. Hall	5147	Pump, C. C. Jones	4500
Overcoat and carriage robe combined, B. Levy	4134	" J. A. McMartin	4538
Ox bow fastener and guard, G. B. Tinker	4337	" (extension), E. Horsey	4586
Ozone machine, F. W. Bartlett	5337	" S. B. Strong	5293
Padlock combination, D. A. Root	4932	" bucket chain, A. L. Corey and E. W. Grant	4726
Pails, &c., ball fastening for, P. Miles	4365	" " " W. C. Barker	4848
Paint brusher, S. Brilling	4660	" force, G. Seger, J. Hellbrunn, J. Koabel and J. Bauer	4625
" compound for mixing, A. A. Wilson	4841	" " E. Glendillon	4615
" elastic compound, J. B. Slichter	5207	" measuring for drawing oil from cans, J. G. Evenden and F. C. Wilson	4363
" fire proof, J. B. Slichter	5200	" oscillating water and air, G. Thurber	5320
" metallic, W. McKay	4601	Pump plungers and valves, J. Matthews	4993
Pantaloons stays, F. S. Yentzer	4447	" rotary, Lyman D. Green	5356
Paper, machine for grinding or reducing pulp for making, A. Gardner	4913	" " double acting reversible, R. Patrick and J. A. Macdonald	4936
" pulp, apparatus for manufacturing, J. W. Dixon	5374	" ship's, J. Brokenshire	5191
" " disintegrating fibrous substances for, A. H. Laffin	4939	" suction and force, C. Parham	4181
" stock, machine for grinding wood for, B. F. Barker	4808	" " A. Riddell	5376
" white, treating jute, &c., for manufacture of, G. W. Dubulsson	4607	Pumping water out of a vessel which has sprung a leak, device for, W. D. Peters and G. H. Holt	4924
Passage tickets, L. Brush	4881	Punching machine for washers, &c., L. H. Young	4400
Pavement, wooden, C. H. Miller	4238	Purses, pocket books or wallets, J. Sale, jr	4821
Pawl and ratchet mechanism, J. L. Bond and D. Shoff	4847	Quilting frame, J. S. Bouter	4585
Pent machine, F. Dodge	5028	" " A. Cornell	5275
" " A. E. Barthel and W. Smith	5271	" and clothes drying table, combined extension, J. M. Grover	4943
Peg cutting handle, W. R. and C. E. Barton	4729	" and mat frame, C. F. Simmons and J. Franz	4598
" ribbon, machine for compressing, B. F. Sturtevant	4519	Rail joint and nut lock, R. Taylor and H. Silker	4846
Pegging jack, J. J. Stewart	5096	Railway, automatic, C. W. Hunt	4885
Pen and ink holder combined, D. Mackinnon	4809	" axle box, A. Higley	4996
Petroleum, apparatus for storage and transportation of, G. Desgeorges	4148	" brake, W. P. Widdifield	5333
Photograph burnishers, J. P. Bass	4718	" car, I. Brigman	4549
Photographic negatives and glasses, varnish for coating, J. W. Morgener	4303	" " L. A. Root	5232
Piano-forte, W. McCammon	4838	" " axle, H. H. Rhodes	4307
" " T. Kater	5050	" " bearing, J. Blakeley	5352
" pedal attachment, L. C. Whiting	5145	" " box, J. M. Brosius and S. K. Campbell	4415
" and organ, H. Behnin and J. Diehl	4699	" " " G. Houlton and H. Osburn	4503
Picture exhibitor, J. Buechner	5131	" " lubricator, J. D. Imboden	5199
" frames, compounds for, C. D. Wilson	4773	" " coupler, E. M. Law	4386
" " banger for, S. Dobbs and W. M. Brayton	4401	" " " A. Willson, P. E. Drake and E. M. Law	4339
Piers, &c., structure for, C. E. Hill	5325	" " " D. P. Corey	4688
Pen cushion and spooler combined, L. Muuro, D. McArthur, W. H. Chalker and G. Macgillivray	4588	" " " J. B. Smith	4506
Pipes, water gas and sewer, machine for making, G. M. Fuller	5318	" " " H. F. McKerver, A. McKay, C. S. Ramsay and P. McRae	5357
Plane guide, W. S. Shippe	4347	" " " automatic, M. Pettengill	4495
" iron adjustment, W. Johnston and W. W. Robertson	4431	" " coupling, E. C. Scarlett	4322
Planers, saw mill, &c., carriage movement of, W. Lamb	4359	" " " R. D. Chatterton	5228
" of wood, &c., expansive gear for feed rolls of, R. N. Merlam	4474	" " " L. Dill	5250
Planing machine, C. R. Patterson	4991	" " " G. H. Ames	5367
" " and grooving machine irons, concentric guide for, J. Morin	4711	" " " self-acting, W. J. Monsell	4662
Plaster sower broad cast seeder and harrow, L. Dague	5009	" " " freight, R. Eaton	4441
Plough, T. Richardson and M. McInnes	4501	" " " grain doors for, D. F. Van Liew	4354
" S. J. Lundy	4590	" " heater, W. M. Fuller and L. T. Lehmyer	4938
" S. Bellachey	5108	" " truck, L. B. Stillson	4893
" J. Yocum	5346	" " ventilator, E. E. Hargreaves	5252
" cutter, T. Dewitt	4634	" " ventilating, E. C. Ibbotson	5373
" gang, B. Waggoner	4421	" " trucks, G. W. Cook and E. H. Horsey	5233
" " E. A. Reers	4882	" " washer, E. W. Evans	4141
" or cultivator, J. Bower	4658	" " wheel, L. J. Hewitt	4275
" machine for cleaning, W. Moore	4983	carriage draw bars and spring, R. D. Chatterton	5241
" swivel, A. Sanborn	5060	" " station indicator, S. P. Littlefield	5047
Plumbers joint, C. G. Herbert	4827	construction of, A. Bowman	4600
" traps, manufacture of, F. N. Dubois	5387	electric signalling apparatus for, F. L. Tope	5011
Poison bottle, W. M. Caterson	4934	joints, E. C. Ibbotson	4526
Poisonous insects, &c., compound to prevent the bites of, J. Ash	4743	locomotive and car wheels, C. G. C. Simpson	5027
Pontoon boat, W. Ascough	4775	machine for removing snow from, S. G. Smith	4188
" and floating dock, J. L. Clark and J. Standfield	4840	" " " G. H. Steadman	5136
" for raising sunken vessels, L. Payette	5116	rail support, S. L. Porter and D. Peck	5256
Powder, blasting, H. Courtelle	5218	signal for level crossing, J. B. Jones	4733
Potato-digger, T. Head	4157	" light and head lamps for, (extension), A. Dick	4594
" " D. Muddle	4462	single rail, H. L. Smith	4768
" " C. C. Parker	4622	snow plough, R. Sadler	5111
" " E. Bartlett	4623	&c., station ticket for, W. T. Jell and L. F. Harvey	4252
" " H. Bolton	5178	switch, E. Mercler, M. Lancot and A. H. Elliott	4229
Printers inking roller, composition for, J. H. Osgood	4424	" " R. Pickel and J. Leet	4945
Printing machine, E. Hely	5020	train brake, A. F. Gue and J. M. Kelloy	4360
" and engraved metal surfaces, G. M. Bright and T. Barrow	4259	truck lifting machine, R. Aldred	5247
		trucks, W. H. Wright and B. J. Howd	5059
		wagon coupler, L. and A. Dion	4319