

Rickenbrode, J. F., quilting frame and table.....	21,689	Russom, C. H., counter shaft for machinery.....	21,762
Rider, A. K., thermostats.....	21,003	Rutherford, J. A., milk creamer.....	22,817
Riechart, M. L., plough.....	22,888	" " creamer.....	22,800
Rippon, J. D., self-acting car-coupler.....	22,882	Russon, C., et al., steam emptying ash-pan.....	21,302
" " et al., spring catch or fastening for collars and caskets.....	21,911	Ryan, P., car-coupling.....	22,253
Ritter, E. B., et al., apparatus and process for the manufacture of cellulose, or paper pulp, from wood fibre.....	21,496	Ryan, T. & T. E., lathe tool.....	21,430
Ritter, E. B., et al., apparatus for the production of sulphurous acid solutions and salts.....	21,462	Ryer, G., fire escape.....	22,251
Ritter, E. B., et al., apparatus for the production of polysulphides and double salts for the manufacture of cellulose, or paper pulp, from wood fibre.....	21,167	Sabold, J., machine for bending the shanks of handles for sad irons.....	21,073
Ritter, E. B., et al., lead lined boiler.....	22,234	Safford, C. E., steam generator.....	21,221
Rivas, R., de E. T., fire ladder.....	21,916	Sagazin, P., automatic liquid measure.....	21,216
Rivett, C., Reim-holder.....	21,433	Sagendorph, L. L., flexible roofing.....	22,456
Roach, M. J., steam pipe joint for hollow revolving journals.....	21,739	" " roof sheet crimping machine.....	22,805
Roberts, E. C., furniture drawer.....	22,465	Saiked, S., et al., button.....	21,619
" F. J., dust guard for car axle boxes.....	22,197	Salmon, H., et al., permutation padlock.....	22,194
" J., car-coupling.....	21,055	Sanborn, A. W., medicinal compound.....	21,381
" W. H., et al., fifth wheel for waggons.....	20,835	Sandberg, J. E., et al., fire escape.....	22,538
Robertson, J., et al., shoemaker's iron last.....	21,979	Sandeman, J. G., et al., apparatus for delivering prepaid goods.....	21,009
" T., toy card.....	22,025	Sanders, A., et al., guiding and supporting device for doors, etc.....	21,397
" W. H., rail scraper for railways.....	21,446	Sanford, H. T., cutting apparatus for mowers and reapers.....	21,843
" " device for stopping leaks in lead pipe.....	22,034	Sargeant, T. C., plough coulter.....	21,139
Robinson, C. A., et al., chain and fish plate for railroad joints.....	20,683	Sanders, I. J., button for boots and shoes.....	20,800
Robinson, F. M., et al., device for chromatic printing.....	22,847	Saunders, J. H., carburetor.....	20,872
" J., et al., hay carrier.....	21,020	Saf, J. K., car wheel.....	22,571
" J. F., et al., valve for wind instruments, such as cornets.....	21,314	Sawin, E. H., drying, cooling, or cleaning grain, sugar, etc.....	21,635
Roche, T. C., photographic sensitive paper.....	22,280	Sawyer, A. H., et al., light.....	22,426
Roe, F. A., horse shoe.....	22,235	" F. L., et al., band for shingle bunches.....	22,245
Roeback, S., mixed paint.....	21,790	" F. L., et al., shingle binding tool.....	22,546
Rogers, H., heel trimming machine.....	22,900	Sceets, G. N., brake shoe for railways.....	21,783
Rogers, J. H., telephone.....	22,082	" " locomotive head light.....	22,000
" J. W., combined drill seeders and grain cultivators.....	22,414	" " slide bars for locomotive and engine.....	22,001
Rogers, S. C., Machine for filing saws.....	22,042	Scheibler, C., method of separating sugar from syrup.....	22,572
Rolph, F. S., sand bands for vehicle axles.....	22,104	Schirmer, J. A., veil.....	21,262
" H. E., et al., machine for excavating snow.....	22,076	Schlemliner, O., bead protector.....	21,590
Rollston, J., machine for pulling pump and sucker rods.....	21,654	Schmachtenberger Co., picket pointing machine.....	21,880
Romaine, R., farm cultivation and harvesting system.....	20,686	Schmalzried, G., consecutive numbering machine.....	21,915
Rood, A. E., et al., speed increasing device for locomotives.....	22,902	Schmitt, P. L., lubricator.....	22,599
Rooney, J., et al., machine for extracting stumps.....	21,579	Schnarr, H., combined heel plate and counter support.....	20,992
Roorbach, W. L., et al., bottle.....	22,451	Schneiderlochner, F., et al., axe.....	22,498
Roorbach, J. Y., et al., sealing device for seal locks.....	21,418	Schrader, J. C., et al., ruler for measuring and drawing parallel, and right angle lines.....	20,717
Roe, D. E., et al., sad iron.....	22,283	Schoen, C. T., et al., railway car spring.....	22,114
" " road cart.....	22,056	Schölke, J., lamps with air-heating apparatus.....	22,749
" T., refrigerator.....	21,077	Schuman, J. C., manufacture of starch.....	22,621
" T., changing the drafts in coal parlor cook ovens.....	21,082	" " of distilled spirits.....	21,621
Roseburgh, A. M., galvanic and combination galvanic and Faradic batteries.....	21,042	" " of grape sugar and glucose.....	21,022
Rosenkranz, L., peanut roaster.....	22,060	" " of starch.....	21,923
Rosenreiter, F. L., et al., door holder.....	21,652	Schwartz, F. X., et al., weather strip.....	20,776
Ross, D., et al., automatic greaser for greasing trams.....	21,420	Scoble, R., compound for restoring hair.....	20,933
Ross, G. B., brake shoes.....	21,085	Scotland, J., et al., mariners' compass.....	20,875
Roth, G. C., draft equalizer.....	21,865	Scott, C., et al., railway car spring.....	22,114
Rough, J. W., boat.....	21,910	" E. E., druggists' sleeves.....	22,094
Rowland, E. H., buck board and buggy wagon.....	21,955	" J. W., harrow.....	21,193
Rowbotham, J., water meter.....	22,488	" T. W., apparatus for advertising.....	22,222
Rowe Brothers, fifth wheels for vehicles, consisting of a stop for such wheels.....	21,324	" W. H., process of treating brick bark.....	20,866
Rowe, E. E., fifth wheels for vehicles.....	21,324	Scoville, E. U., faucet.....	22,040
Rowe, J. T., adjustable pedal fronts for organs.....	22,905	Scribner, G. W., reed organ.....	21,813
Row, F., hoops for vessels.....	21,767	Seaman, A. H., et al., friction devices for printing press flyers.....	22,113
Ruell, H. W., furniture caster.....	22,824	Seaton, C. S., machine for heading bolts.....	21,437
Ruebach, J. G., pruning shears.....	21,062	Secor, S. & J., et al., propelling vessel.....	21,716
Rueberg, N. C., et al., punching, cutting and stamping machine.....	22,646	Secord, Van C., et al., waste valve.....	22,795
Rudd, W., two-wheeled vehicle.....	22,205	Seeber, P. P., et al., priming paint.....	21,116
Rumpel, G., tubular seamless collar pad.....	21,378	Seeley, D. W., & W. W., lever power.....	22,637
Rumell, L., cutting apparatus for mowers and reapers.....	22,551	Seely, O., door hangers.....	20,978
Rumforth, W. H., apparatus for supplying locomotive or stationary engine boilers with water.....	21,871	Sees, L., fire escape.....	22,420
Russell, E. H., process and compound for extracting metals from ores, etc.....	20,739	Sequin, J., et al., shoe.....	22,852
" " process for extracting metals from ores, etc.....	20,740	Selby, G. D., side bar spring wagon.....	20,972
" " process for removing metal from ores, etc.....	20,741	Seldomridge, J. F., et al., journal bearing.....	21,851
Russell & Erwin Manufacturing Co., art of making nails.....	22,091	Semple, W. F., inhaler.....	20,766
		Sewrey, H., rotary engine.....	22,904
		Shackell, H., et al., machine for gluing and putting together dovetailed lock-joints, etc.....	21,854
		Shanahan, W. S., et al., thill coupling.....	22,425
		Shantz, D. B., button.....	21,472
		Sharer, G. W., drier.....	22,152
		Sharood, W. H., harvester cutting apparatus.....	21,685
		Shaver, G. F., mechanical telephone.....	21,135
		Shaw, C. A., et al., automatic gas regulator.....	22,640
		" N. T., et al., laying out and embalming board.....	21,848
		Shea, F. F., et al., chain.....	20,801
		" T. S., et al., chain.....	20,836
		Shears, T. J., target dart.....	22,589