Pump, w. S. Laney.
Pump, A. T Sheets.


Rail
Railway, traction rope, S. H. Terry
Reaping machine, J. Johnson
Reflector. W. Wheeler
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Register. See Passeng
Register. See Passenger register.
Register and alarm, S. F. Payne. Regulator. See Electric regulator. Rendering tank valve, R. Whelan

## Ring. See Key ring.

Rocking chair, E. Kettler
Rocking chair. folding, L. S. Hayes.解 Roller. See Gate roller. Land roller. Rolling mill, C. Lewis.
 Salt drying apparatus, J. H. W. B. Biggs Sash holder, J. B. Baumberge Saw guard, circular J. Teagley Saw mill, portable, W. N. Whipple Saw swage. W. S. Reeder scarf, neck, W. A. Spence Screw driver, Mallett \& Furbish...
Seeding machine, S. C. Mendenhal Separator. See Ore separat
Sewing, book, E. S. Sewing, book, E. S. Boynton S. C. Kingman (r)......... Sheep, remedy for cure of scab in, Brittain, Ro Shovel. See Cultivator shovel. Silus, preserving ensilage in, J. M. Bail Sit propeller, J. L. Ray , House \& Ca Solderıng apparatus, can, A. S. Munger spindle and bearing therefor, J. C. Stanley sponge holder for slate pencils, Coles
hurst .................................... Spool blanks. machine for cutting, E. Allen.....
Spooling machine spool holding attachment,
 Stamp, hand. O. H. Tappan. Steam boiler, P. Fitzgibbons.
Steam engines, method of and apparatus for reg
Stone art of and apparatus for cutting or divid ing, 11.S. Maxin
Stonc. artificial, Gr Stove fre pot, J. II. Doughty Stump extractor, W.A. Stoddar Swing, W. S. Tothill.................
Telephonic repeater. E. T. Gillian Tent pins, machine for making, F. W. Evers.
Thill coupling. P. E. Shirk. Thill coupling. P. E. Shirk. Throttle and governor. combined, I. Purdie.... Boulton.
Tire upsetting machine, G. B. L. Libby ................. inghouse.
Valve. See Rendering tank valve.
Valve and valve gear, I. H. Alffree Vilve and valve guide, w. Bury... Va've. steam engine J. W. Hayes Vapor bath. electro-thermal, J. H.
Vehicle. passenger, F. B. Brownell Velocipede, 11 . 11 illman................ Vessel, W. L. C. Ackermann ...........
Vessels, torpedo guard for, W. H. Walke Wagon bed lifter, J. R. Stone
Washing machine, I. washing machine, I. I. Graves...
Washing nuachine, boiler. J. Will Watch escapement, E. Wensch....
Watch meter, piston, J. H. Coombs Wheat beater. B. R. Hawley
Wire stretcher, C. W. Black
Wire tightener, S. Campbel


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