

Shingle machine, T. Hodgson.....	19,887	Cameron, J., earth closet.....	20,045
Shoe, S. C. Crowe.....	19,891	Capell, G. M., et al., fan.....	20,026
Shoes, device for stretching, H. Gliner.....	20,032	Case, W., compound for preventing the formation of clinkers in coal.....	19,890
Shutter operating and locking device, H. J. Hissicker et al.....	19,898	Cassaday, W. E., et al., sulky plough.....	19,979
Signal, nautical, M. White.....	19,932	Chamberland, C. E., filter.....	20,067
Skate, T. H. Dean.....	19,906	Champion, C., et al., attachment for attaching a buggy top to the seat.....	19,926
" roller, J. B. Lincoln.....	20,046	Clark, N. J., et al., window shade roller.....	20,055
Skins, removing imperfections from, W. W. Hoffman.....	19,918	Clinton, T. J., et al., ratan scraping and splitting ma- chine.....	20,048
Sleigh, bob, E. A. Harding.....	19,949	Coas, E. K., et al., sheet metal tubes or cylinders	19,973
Slicing and racking machine, match, T. A. Cook et al.....	19,966	Cochran, A. M., buggy top.....	20,012
Sliding gate, J. S. Maclaskey.....	19,903	Comstock, F. M., et al., fence	20,084
Smoke consumer, G. W. Mears.....	20,012	" " " fence picket	20,083
Snow plough, J. H. Russell.....	19,997	Conway, G. O. S., et al., adjustment of draw bars of railway cars.....	19,980
" " railway, W. S. Buist.....	19,937	Conway, G. O. S., et al., railway car.....	19,955
Spinning frame, thread guard for ring, J. E. Prest.....	19,982	Cook, B. H., ash sifter	19,877
Steam engine balance, B. Field.....	19,953	Cook, T. A., et al., match slicing and racking machine.....	19,966
" generator, R. Venator et al.....	19,908	Cooper, J., et al., adjustment of draw bars of railway cars	19,980
Steel and iron, process for welding, J. B. Armstrong.....	19,963	Cooper, J., et al., railway car.....	19,955
Stencil plates for graining and imitating wood, etc., J. J. Callow.....	20,003	" T. G., et al., black leaf check book.....	19,948
Stove, cooking, J. Johnstone.....	20,064	Cowan, M. R. B., shield and blotting pad.....	20,001
Strap, hitching, S. Birdsall.....	19,889	Crowe, S. C., shoe	19,891
Switch board, multiple, The Western Electric Co.....	20,079	Cowell, H. C., friction clutch	19,893
Tacks, method of coating, E. S. Morton et al.....	20,017	" " taper sleeve fastening for machine pulleys and other wheels and shaft couplings.....	19,914
Tanning process, for, J. G. Stroh.....	20,024	Dansereau, J., et al., car axle lubricator.....	19,981
Telephone receiver, J. A. Wright.....	19,959	Davis, J. G., gravelling mechanism for grain binders..	20,015
" switch board, The Standard Electrical Works.....	20,031	Day, J. Q., snow plough	19,904
" transmitter, J. A. Wright.....	19,958	Dean, T. H., skate.....	19,906
Thrashing machine, J. Bennett.....	19,952	Deed, J. B., et al., wick adjuster and trimmer for lamps	19,991
Tobacco package, D. C. Mayo.....	19,974	Dennis, C. W., washing machine	19,921
Toboggan, W. F. Hutchins, et al.....	20,085	Dickinson, W. W., combined seeding and cultivating	20,047
Tool, combination, J. F. Call.....	19,968	Dobbins, W. O., et al., seal lock	19,897
" " J. H. Beazley.....	19,976	Durgin, H. J., et al., machine for painting wire fences.	19,913
Toy, device for, F. W. A. Schneider.....	20,061	Ellis, T. L., et al., shaft coupling	20,053
Tricycle and like, velocipedes, E. R. Settle.....	19,871	" W., Jr., road scraper.....	20,030
Tubes or cylinders, sheet metal, E. K. Coas et al.....	19,973	Eplin, C., circular saw mill	19,884
Valve, J. H. Blessing.....	20,033	Fairman, F., et al., adjustment of draw bars of railway cars	19,980
" combined check and stop, J. H. Blessing.....	20,021	" et al., railway car.....	19,955
" for gas manufacture, water cooled, J. Hanlon.....	19,904	Farmer, G. B., boot	20,069
Vehicle, sand band for, W. M. Farr.....	20,059	" W. R., et al., iron working, planing and shaper machine	20,016
Vessels or packages, sheet metal plug for metal, J. F. Rose.....	20,002	Farr, W. M., sand band for vehicles	20,059
Waggon, buckboard, W. Lockwood.....	20,011	Field, B., balance steam engine.....	19,953
" dumping, W. and J. H. Leonhardt.....	20,050	Fields, C. W., hand cm broddering machine	19,907
" Jack, E. Field.....	19,881	" E., waggon jack	19,881
Washing machine, C. W. Dennis.....	19,924	Foster, J. B., brick machine	19,888
" " J. W. Jacobs.....	19,931	Francis, G. W., manufacture of steel castings.....	19,978
" " M. Wood.....	19,917	" (The) Manufacturing Co., manufacture of steel castings	19,978
Water, etc., distillation apparatus, W. H. Herrick.....	20,034	Franke, D. O., wood pulp boiler	20,060
" filter and cooler, E. C. Hall, et al.....	20,039	Frechette, A., co strucion of shears or clips	19,899
Well, artesian, F. Longtin et al.....	20,082	Fuller, O. L., spring bed bottom	19,996
Wire fence, painting, W. E. Brown et al.....	19,913	Gage, C. W., and A. S., machine for sawing lumber ..	20,025
Wood working machine, F. Hanson et al.....	20,038	Gano, N. L., saw tooth swage	19,987
Wrench, B. F. Stockford.....	19,879	Gill, W., Car brake	19,939

INDEX TO PATENTEES.

Ackland, D., carriage running gear.....	19,965	Glines, H., device for stretching shoes	20,032
Agoff, D., et al., ratan scraping and splitting machine.....	20,048	Gorham, G. E., sash holder	19,977
Allen, J. F., riveting machine.....	20,041	Goulloud, L., et al., car axle lubricator	19,981
Ames, A. E., device for securing churn covers.....	20,078	Gowen, W., saw mill dog	19,914
Armstrong, J. B., welding steel and iron.....	19,963	Grubb, W. S., non-conducting compound	20,068
Arnold, G. W., sash balance.....	20,075	Gurney, E., et al., steam and water boiler for heating purposes	20,029
Ball, W., washer filter.....	20,072	Guns, W., oil lamp	20,040
Barber, G. F., nail holding attachment for hammers..	20,013	Hale, T., domestic fire-escape	19,969
Beazley, J. H., combination tool.....	19,976	Hall, E. C., et al., water filter and cooler	20,039
Bedding, M. W., buckle.....	21,080	" J. C., et al., brush block boring machine	19,875
Bellstein, W., movable wire fence.....	20,011	Ham, D., flooring for buildings, &c.	20,000
Beltz, H., fire-escape.....	20,014	Hamlin, E. B., telephone switch board	20,031
Bennitt, J., thrashing machine.....	19,952	Handforth, B., curtain fixtures for spring rollers	20,076
Bessette, J., et al., machine for lifting up horse power.	20,081	Hauke, N., machine for making the teeth of horse rakes	19,894
Bindall, S., hitching strap.....	19,889	Hanlon, J., water cooler valve for gas manufacture ..	19,904
Blessing, J. H., combined check and stop valve.....	20,021	Hanson, F., et al., wood working machine	20,038
" stop cock	20,052	Harding, E. A., bob sleigh	19,949
" valve.....	20,033	Hardy, W. A., car axle box	19,915
Boot, G., et al., shutter operating and loc.ing device..	19,896	Hayden, H. H., store service apparatus ..	19,981
Boyden, W. A., lubricator	19,942	" 19,960	20,065
Bradford, E. H., et al., door spring.....	19,941	Heath, M. A., et al., machine for press-ing gimp	20,019
Bradley, C. C., mowing machine	19,995	Herrick, W. H., apparatus for distilling water, &c.	20,034
Brandy, J., machine for m-king felt boots, shoes or stockings.....	19,983	Hoffman, W. M., removing imperfections from skins..	19,918
Brown, W. E., et al., machine for painting wire fences.	19,913	Hogeboom, L. S., et al., machine for dusting bran	19,920
Buist, W. S., railway snow plough.....	19,937		
Call, J. F., combination tool.....	19,968		
Callow, J. J., stencil plates for graining and imitating wood, marble, &c.....	20,003		