Feather renovator, J. J. Van Alstine

rapid in application, needs no special skill for its use. and which shall act on the stamp in such a manner that it cannot possibly be used again.

Will it require more power to drive a Sturtevant blower with i.s mouth closed than when open? A. Quite the contrary.

- (31) S. L. B. asks: What chemical or compound can I use to remove entirely the paper clippings from the pages of an account book, without injuring the paper underneath or defacing the writing thereon? The pasting has been done with mucilage. A. Water is the only remedy; use warm water applied with a clean soft sponge. The sponge should not be too wet, and the scraps should not be removed until the gum is thoroughly softened. With care the scr ps maybe removed and thegreater part of the adhering gum sponged from the pages without injuring the legibility of the writing. A good bookbinder could perhaps perform the work more skillfully.
- (32) A. A. F. asks whether glue, starch, or had been dipped in the liquid ? A. No.
- to grow a beard so as to cover eruptions which have disfigured my face for seven years. A. The expressed juice of raw onions, applied frequently to the parts requiring it, is said to have notable power in restoring the tone of the skin and stimulating the capillary vessels. Considerable efficacy in this respect is also attributed to the oil of myrtle berries, vinegar of cantharides, and petroleum. The repute of these "invigorators" is, however, much greater than their efficacy. Wilson's "invigorator" consists of cologne water, 2 ozs.; tincture of cantharides, 2 drachms; perfumed with a few drops of oil of lavender and rosemary. According to the directions it is to be applied twice a day. If the skin becomes sore it must be discontinued, or used at longer intervals. Weakness of the capillary vessels is usu lly due to constitutional disorders, and these must first be corrected through the blood. The proper remedies can best be prescribed by a good physician made acquainted with the nature and causes of the affection. A continuance of temperate living, with wholesome food, plenty of exercise, and due regard for sanitary laws, is generally the most reliable invigorator of all the bodily functions.
- (34) J. S. B. says: From ill health a great part of my hair and beard has fallen off. Can you suggest any good preparation for restoring or invigorating the hair? A. See answer to F. P. M.
- (35) Anxiety asks (1) how the bronze powder for gildingis made? A. Melt together in a crucible over a clearfire equal parts of sulphur and white oxide of tin; keep them stirred with the stem of a glass rod till they assume the appearance of a flaky yellow powder. 2. What is the best way to apply it to glass, so that it will stick? A. Use gold size. 3 How can I preside? A. Yes. vent the blackening or discoloration of the powder? A. Cover with a coat of clear varnish.
- briefly the best general plan for the construction of a cemetery tomb, more particularly adapted to the purposes of a receiving tomb? A. Make it of stones laid in hydraulic cement, with a floor either of cement or stone, and arching the roof. The door may be of iron. Parties building a dam say that wood kept saturated with water will not decay. Others contend that it must be submerged in order to prevent it. Which is right? A. Both parties may be correct, in a measure, since it is uncertain whether the timber will be continually saturated unless it is submerged.
- (37) F.F.W. asks: How can I tell the weight of a cast iron ball of any size without weighing it? A. Multiply the volume by the specific gravity, which for cast iron is 7:207
- small skins (say squirrel skins) with the fur on, so as to prevent the fur coming out? A. After having cut off the useless parts, soak the skln, remove the fatty matter, and soak in warm water for 1 hour. Mix to a thinpaste 1/2 oz. each of borax, saltpeter, and sulphate of soda. Apply this to the skin and let the latter stand for 24 hours. Wash clean, then apply a mixture of 1 oz. sal soda, 1/2 oz. borax, 2 ozs. hard white soap melted together without being allowed to boil. Put away again for 24 hours in a warm place. After this dissolve 4 ozs. alum, 8 ozs. salt, and 2 ozs. saleratus in sufficient hot rain water to saturate the skin; then wring out and hang it up to dry. When dry repeat the soaking and drying 2 or 3 times until the skin is sufficiently soft. Lastly smooth the inside with fine sandpaper and pumicestone.
- (39) J. H. L. informs C. H. C. that he can remove the unpleasant taste of cement from his cistern water by simply coating the entire interior of his cistern with common tallow, The tallow will prevent the water coming in contact with the cement, while at the same time it will notimpart any flavor to the water.
- (40) J. T. T. says that A. B. M. can drill his watch crystal by grindinga rat tail file, three square, and making the point a long thin taper, and use spirits of turpentine; he must be gentle with it when the point just pricks through. After a hole is made, however small, it may be easily rimmed out to any size.
- (41) M. H. says: I am manufacturing artificial stone and find it takes water freely. Will you give me some recipe for a wash that will make them waterproof without discoloring the stone, also that will not damage the formation? A. Apply soluble glass.
- (42) W. A.D. asks: What angle (if any) should the under side of the teeth of an upright mill saw make with a horizontal line, that is, with the horizontal surface the teeth are cutting? A. It depends upon the hardness or softness of the wood.
- (43) F. B. S. W. asks for a recipe for making plug tobacco? A. Strip the tobacco, sprinkle the water; make into rolls, and while moist press flat in

holes in rubber boots? A. By rubber cement composed A preserve jar willanswer. —J. J. E.—It is nodular iron of india rubber dissolved in benzole, or by attaching thin pieces of gutta percha rendered plastic by immer sion in boiling water.

How can I prevent brown linen from shrinking? A. We know of no process.

How can I exterminate those microscopic pests, emmets, which infest many houses during warm weather? A. Sprigs of wormwood or wintergreen strewed around the house are said to be efficacious

- (45) S. B. G. asks: Why are the upper regions of the air colder than the lower? A. Because the contributions upon the following subjects: heat radiated from the earth warms the atmosphere W. W. nearest the earth's surface.
- (46) C. A. R. asks: How is a dispatch received from the Atlantic cable? A. Either by reflect- M.D. ing galvanometer or siphon recorder. In the first a delicate magnet carries a small mirror from which a beam of light is reflected, and caused by its motion to other sticky substance can be made to evaporate, and make signals indicating letters. Thompson's siphon rise as steam, and act on an article the same as if it recorder has been used on the French Atlantic cable. The current from the cable passes into a coil of wire (33) F. P. M. asks: Do you know of any-suspended between the poles of magnets. The coil turns thing that will make the beard grow? I would like round in a direction depending upon the direction of the current. The motion of the coil is communicated to a glass siphon which feeds itself with ink from a The ink is electrified and spurts out against a strip of paper and draws an undulating curve, which indicates the letters of the message.
 - (47) I. H. asks: 1. How is a staff fastened so as to turn a pivot on it in a common Swiss bow lathe? A. One end is put on the live center of the lathe, the other is held in a steady rest. 2. What are the uses of the centers, and does there not come a chuck with the same? A. The centers are to hold ordinary work. A chuck is necessary to drive the work and usually comes with the lathe.
 - (48) R. K. says: In overhauling locomotives of different kinds, I find trouble sometimes in telling iron from steel in casehardened work, such as links, pins, etc. Can you tell me how to tell the one from the other? A. You will find in casehardened iron desired information can in this way be expeditiously small black marks or streaks that do not exist in steel.
 - (49) O. A. says: 1. I am making castings that weigh about 6 lbs., and they have to be finished all over. I cannot get the cope sound. A. Prick the mould all over with a fine wire, which will let off the air and gas more freely. Make heavier and taller gates, and if necessary dry the mould. 2. Does the quality of pig and scrap iron make any difference, providing it makes soft castings? A. No.
 - (50) M. A. B. says: 1. I wish to make a flywheel for a lathe by taking a light iron wheel and casting on a heavy rim of cement. What kind of a composition would you recommend? A. Use lead, 2. Could I use a mould made of wood well painted on in-
- (51) C. L. A. asks: What is meant by carbon points used for electric light? What are they com (36) H. W, says: Will you please tell me posed of? A. They are long rods, cylindrical or squareusually about 3/8 of an inch thick, made of carbon ob' tained from incrustations formed on the hottest parts of the interior surfaces of gas retorts, or from the dust of coke mixed with gas tar, forced into moulds and carbonized in a muffle. The former material is the best, as it burns with great difficulty and is very com pact and hard.
 - (52) J. Valiant asks: How can I prevent blackness when plating gold chains with a solution of chloride gold and hyposulphite soda? A. The blackening is due to the presence of sulphides in solution. The only remedy is to give the work a slight covering of copper (electro deposit) or to use a different bath. The double cyanide gives the best results.
- (53) J. H. asks: How is it that gas after it (38) H. C. asks for a simple recipe to cure becomes inflamed in safety or Davy lamps cannot escape to inflamethe gas outside of the lamp? And also why does the lamp burst after the wire is red hot, or what causes the expansion? A. It is because the metal conducts away the heat so rapidly that the temperature of the gas in contact with it is reduced below the point of ignition. If the gauze becomes sufficiently heated the flame will pass. Depress a piece of fine wire gauze over a clean flame and the same phenomenon will be noticed.
 - (54) E. S. asks: How is the crystalline surface produced on tin plate? A. Make a mixture of 3 parts hydrochloric and 1 part of nitric acid, and dilute with an equal volume of water. It is merely necessary to immerse the plates in this bath for a period not exceeding ten seconds, the plate afterwards to be thoroughly washed with water and dried in sawdust.
 - benzine, 2 gallons. Dissolve by gentle heat. The varnish is quick drying.
 - (56) R. P. M. asks: What is the solution for bichromate battery known as Allen's crystal, and how can I prepare it? A. We do not know of a solution by this name. The usual fluids for this battery are, for the porous cup, a strong solution of bichromate of potash mixed with about 1/2 part of strong sulphuric acid: for the outer solution, water acidulated with $\frac{1}{20}$ part oil of vitriol or 15 per cent of zinc sulphate.

MINERALS, ETC.—Specimens have been received from the following correspondents, and examined, with the results stated:

J. W. H.—No. 1 is traprock and felspar. No. 2 is a semi-decomposed gneissoid rock with hornblende. No. 3 ishornblende. No. 4 is hornblende schist. Nos. 6 and 8 are limestone and serpentine. No. 10 is felspar and willemite. No. 12 is serpentine. No. 13 is sandstone and chlorite. No. 14 is impure hematite. No. 15 is albite-lime orthoclase. The missing numbers were leaves with a liquor of white sugar, black licorice, and not in the box.—J. J. P.—It is flint containing small specks of iron pyrites—of no value.—E. P.—The sample of lime appears to be of good quality. It will an-, Eaves trough machine, W. J. Barber...... 195,914 | York city.1

(44) J. H. F. asks: How can I repair small swer for the light, but must be kept away from the air. pyrites-sulphide of iron. You will find an article on the subject on p. 7, vol. 36,-J. G. P.-No. 1 is a trap rock containing calcite—lime carbonate, gypsum—lim sulphate, and ferruginous earths. No. 2 contains hor blende, lime carbonate, iron oxide, and pyrites-iro sulphide. No. 3 is an impure talcose schist.

COMMUNICATIONS RECEIVED.

HINTS TO CORRESPONDENTS.

OFFICIAL.

INDEX OF INVENTIONS

Barrel holder and skid, G. W. Brown............. 195,91 Bee hive, J. C. Train 196,666 Beer measure gage, Cave & Nicholson 195,986 Boat knee, D. True 195,900 Boots and shoes, protector for, C. Nobs. 195,946 Boots and shoes, insoles for, A. M. Daniels...... 195,88 Brake, car, J. H. Lakin 195,93 Brake, car, Seevers & Jelfs 196,04 Brick kiln, J. H. Kelley 195,893 Brick machine, W. E. Gard 195,923 Broiler, O. Edwards 195,993 Broner, O. Edwards 195,042 Bung, F. W. Robertshaw 196,042 Burglar alarm, W. H. Knowles, Jr. 196,022 Burglar alarm, F. Krupp 195,334 Burglar alarm, W. N. Patteson 195,346 Butter package, J. F. Bly 195,707 Butter package, G. Kator 195,93 Button fastening, J. J. Mervesp 195,89 Button, sleeve, A. L. Frankenthal 196,00 Can, milk, G. H. Lester 195,80 Can, shipping, J. C. Moore 195,90 Cane, walking, J. Pool 195,94 Car, ballast distributing, A. B. Dockstader 195,91 Car coupling, C. W. Stimpson, Jr 195,96 Car, locomotive street, H. C. Bull. 195,88 Car mover, A. Lebus 195,98 Car, railway ferry, P. P. Shelby 195,98 (55) A. S. M. asks: Can you give me a recipe for making imitation shellac varnish? A. The following article under this name is used by furniture dealers: Gum sandarac, 1½ lbs.; pale rosin, 1½ lbs.; Chair bottoms, cutting veneers for, O. N. Eaton. 195,99 Churn, W. F. Long 196,02 Cigar holder, C. Brinker 195,97 Cigar lighter, H. R. Whiteman..... 196,0 Corset, W. S. & C. F. Hunt 196,02 Corset, skirt-supporting, C. A, Griswold (r) 7,90 Cotton and hay press, B. J. Methvin 196,03 Cotton batting folding machine, R. Catlow...... 195,8 Cotton seed, obtaining fiber from, W. Adamson. 195,96 Countersink, D. F. Barber...... 195,87 Crucibles, compound for, R. W. Wallace...... 196.06 Drafting apparatus for dresses, C. H. Griffin 195,926 Drawing board, T. Bergner..... 195,915

Drill chuck, C. Elterich 195,997 Drills, machine for clearing twist, G. R. Stetson. 195,963

Drilling machine metal, M. L. Edwards 195,993

| A preserve jar willanswer.—J. J. E.—It is nodular iron pyrites—sulphide of iron. You will find an article on | Feed water heater and feeder, G. H. Burroughs. Feed water heater, etc., Hermans & Smith | |
|--|--|---|
| the subject on p. 7, vol. 36.—J. G. P.—No. 1 is a trap | Fence, portable, A. S. Chaney | 195,981 |
| rock containing calcite—lime carbonate, gypsum—lime sulphate, and ferruginous earths. No. 2 contains horn- | Fence stretcher, wire, H. Schulgen | 195,955 |
| blende, lime carbonate, iron oxide, and pyrites—iron sulphide. No. 3 is an impure talcose schist. | Fire extinguisher, C. W. Talcott | 196,055 |
| COMMUNICATIONS RECEIVED. | Fire kindler, J. A. Conover | 195,985 |
| The Editor of the Scientific American acknowledges, | Fruit dryer, W. S. Plummer | 195,948 |
| with much pleasure, the receipt of original papers and contributions upon the following subjects: | Gate, L. C. Beckford Grain separator, J. M. F. Shepler | 195,972 |
| On the Effect of Wind on Unfinished Buildings. By W. W. | Grate bar, O. J. Hodge | 195,015 |
| On a Curiously Marked Stone. By H. L. C. | Ground, holder for articles being, J. Jowitt | 195,930 |
| On the Composition of Patent Medicines. By V. N., M. D. | Gun barrels, machine for boring, H. C. Bull Harness, J. H. Nichols | 196,035 |
| On the Relative Cost of Coal and Coaldust Fuels. By W. F. S. | Harness loop, W. Courtenay | 195,991 |
| | Hides and skins, treating, J. Fishback Hose reel and carriage, C. L. Fitch | 195,922 |
| HINTS TO CORRESPONDENTS. We renew our request that correspondents, in referring | Hydrant and hose plug, G. W. Lutz Hydrant, fire, J. Flower | |
| to former answers or articles, will be kind enough to name the date of the paper and the page, or the number | Key boards, smoothing ivory, M. Pratt | |
| of the question. Correspondents whose inquiries fail to appear should | Knitting machine take-up, G. Jackson Knob for doors, etc., S. Hiler | 195,929 |
| repeat them. If not then published, they may conclude | Lamp, night, M. S. Chase | 195,983 |
| that, for good reasons, the Editor declines them. The address of the writer should always be given. | Lenses, measurement of, Lomb & Scharpf Letting off mechanism, J. P. Buzzell | 196,028 |
| Inquiries relating to patents, or to the patentability of inventions, assignments, etc., will not be published | Lifting Jack, R. Hermance. Lubricating compound, B. French | 195,927 |
| here. All such questions, when initials only are given, | Mail bag catch, G. F. Shaver | 195,956 |
| are thrown into the waste basket, as it would fill half of our paper to print them all; but we generally take pleas- | Marble, etc., artificial, W. Dwight | 195,920 |
| ure in answering briefly by mail, if the writer's address is given. | Match safe, Hubbell & Ochs | 195,910 |
| Hundreds of inquiries analogous to the following are sent: "Who makes small tubular boilers for steam | Moulding metal, core for, R. C. Totten | 196,045 |
| launches? Where can I purchase aluminum?" All such | Mower, R. D. Thomson | |
| personal inquiries are printed as will be observed, in the column of "Business and Personal," which is spe- | Music, apparatus for setting up, H. Goodwin Muzzle, calf, G. Tilton | 196,058 |
| cially set apartfor that purpose, subject to the charge mentioned at the head of that column. Almost any | Necktie, W. H. Hart, Jr. (r) | |
| desired information can in this way be expeditiously | Nut-lock for fish bars on railways, L. S. Brown Oakum, machine for making, D. S. Tibbals | 195,880 |
| obtained. | Ore-roasting furnace, W. J. Taylor Ore stamp feeder, J. Tullock (r) | 196,056 |
| OFFICIAL. | Overalls, S. Kauffmann. Paper, folding and cutting, G. E. Jones | 195,894 |
| - 1800-1 | Paper box, A. D. Schaeffer | 195,904 |
| INDEX OF INVENTIONS | Pencil, copying, C. Walpuski (r) | 9,708 |
| FOR WHICH | Piano keys, dressing, Wilder & McNeil Picture exhibitor, W. H. Lewis | 196,027 |
| Letters Patent of the United States were Granted in the Week Ending | Pictures, stereoscopic, H. A. Reynolds (r) Piles and timber, preserving, J. P. Culver | 195,990 |
| October 9 1877, | Plant and tree protector, J. O. Antisdale | 196,004 |
| · | Planter, corn, G. D. Haworth | |
| AND EACH BEARING THAT DATE. | Plow, W. S. Lawrence | |
| AND EACH BEARING THAT DATE. [Those marked (r) are reissued patents.] | Plow, F. E. Sessions | 196,048 195,977 |
| | Plow, F. E. Sessions | 196,048 195,977 195,974 196,025 |
| [Those marked (r) are reissued patents.] A complete copy of any patent in the annexed list including both the specifications and drawings, will be | Plow, F. E. Sessions | 196,048 195,977 195,974 196,025 195,039 |
| [Those marked (r) are reissued patents.] A complete copy of any patent in the annexed list | Plow, F. E. Sessions. Plow, sulky, W. K. & D. Bushnell. Postal card. F. W. Brooks. Printing press, J. O. Kurtzmann. Pulverizing mill, I. M. Pheles | 196,048 195,977 195,974 196,025 195,039 196,031 195,897 |
| [Those marked (r) are reissued patents.] A complete copy of any patent in the annexed list including both the specifications and drawings, will be furnished from this office for one dollar. In ordering, | Plow, F. E. Sessions | 196,048 195,977 195,974 196,025 195,039 196,081 195,897 195,876 196,064 |
| [Those marked (r) are reissued patents.] A complete copy of any patent in the annexed list including both the specifications and drawings, will be furnished from this office for one dollar. In ordering, please state the number and date of the patent desired, and remit to Munn & Co 37 Park Row, New York city. Alum, manufacture of, G. P. Rockwell | Plow, F. E. Sessions. Plow, sulky, W. K. & D. Bushnell. Postal card. F. W. Brooks. Printing press, J. O. Kurtzmann. Pulverizing mill, I. M. Phells. Pump bucket, W. D. Mayfield. Pump, force, W. S. Laney. Punch, ticket, J. B. Aiken. Rail joints, bolt lock for, A. A. Wilder. | 196,048 195,977 195,974 196,025 195,039 196,031 195,897 195,876 196,064 195,022 185,896 |
| [Those marked (r) are reissued patents.] A complete copy of any patent in the annexed list including both the specifications and drawings, will be furnished from this office for one dollar. In ordering, please state the number and date of the patent desired, and remit to Munn & Co., 37 Park Row, New York city. Alum, manufacture of, G. P. Rockwell | Plow, F. E. Sessions. Plow, sulky, W. K. & D. Bushnell. Postal card. F. W. Brooks. Printing press, J. O. Kurtzmann. Pulverizing mill, I. M. Pheløs Pump bucket, W. D. Mayfield. Pump, force, W. S. Laney Punch, ticket, J. B. Aiken Rail joints, bolt lock for, A. A. Wilder Railroad signal, pneumatic, Kettell & Howland. Rivers; deepening bars of, H. F. Knapp. | 196,048 195,977 195,974 196,025 195,039 196,031 195,897 195,876 196,064 195,022 185,896 196,019 195,988 |
| [Those marked (r) are reissued patents.] A complete copy of any patent in the annexed list including both the specifications and drawings, will be furnished from this office for one dollar. In ordering, please state the number and date of the patent desired, and remit to Munn & Co 37 Park Row, New York city. Alum, manufacture of, G. P. Rockwell | Plow, F. E. Sessions. Plow, sulky, W. K. & D. Bushnell. Postal card. F. W. Brooks. Printing press, J. O. Kurtzmann. Pulverizing mill, I. M. Phelws. Pump bucket, W. D. Mayfield. Pump, force, W. S. Laney. Punch, ticket, J. B. Aiken. Rail joints, bolt lock for, A. A. Wilder. Railroad signal, pneumatic, Kettell & Howland. Rivers, deepening bars of, H. F. Knapp. Rockets, J. H. S. Hooper. Rod coupling, T. D. Culter. Rotary engine, A. F. W. Partz. Ruling machine, paper, J. T. F. MacDonnell. | 196,048 195,977 195,974 196,025 195,039 196,031 195,897 195,876 196,064 195,022 185,896 196,019 195,988 196,038 195,938 |
| [Those marked (r) are reissued patents.] A complete copy of any patent in the annexed list including both the specifications and drawings, will be furnished from this office for one dollar. In ordering, please state the number and date of the patent desired, and remit to Munn & Co 37 Park Row, New York city. Alum, manufacture of, G. P. Rockwell 196.043 Ammonia salts, treating gas liquor for, L. S. Fales 195.998 Barrel holder and skid, G. W. Brown 195.916 Bee hive, J. C. Train 196.060 Beer measure gage, Cave & Nicholson 195.980 Boots and shoes, protector for, C. Nobs 195.943 | Plow, F. E. Sessions. Plow, sulky, W. K. & D. Bushnell. Postal card. F. W. Brooks. Printing press, J. O. Kurtzmann. Pulverizing mill, I. M. Phelps Pump bucket, W. D. Mayfield Pump, force, W. S. Läney Punch, ticket, J. B. Aiken Rail joints, bolt lock for, A. A. Wilder Railroad signal, pneumatic, Kettell & Howland Rivers; deepening bars of, H. F. Knapp Rockets, J. H. S. Hooper Rod coupling, T. D. Culter Rotary engine, A. F. W. Partz. Ruling machine, paper, J. T. F. MacDonnell. Safe, marine, T. F. Rowland. Safety pins, making, Butler & Wellge. | 196,048 195,977 195,974 196,025 195,039 196,031 196,081 195,876 196,064 195,022 185,896 196,019 195,988 195,988 195,988 |
| [Those marked (r) are reissued patents.] A complete copy of any patent in the annexed list including both the specifications and drawings, will be furnished from this office for one dollar. In ordering, please state the number and date of the patent desired, and remit to Munn & Co 37 Park Row, New York city. Alum, manufacture of, G. P. Rockwell | Plow, F. E. Sessions. Plow, sulky, W. K. & D. Bushnell. Postal card. F. W. Brooks. Printing press, J. O. Kurtzmann. Pulverizing mill, I. M. Pheløs Pump bucket, W. D. Mayfield. Pump, force, W. S. Laney Punch, ticket, J. B. Aiken Rail joints, boltlock for, A. A. Wilder Railroad signal, pneumatic, Kettell & Howland. Rivers, deepening bars of, H. F. Knapp Rockets, J. H. S. Hooper Rod coupling, T. D. Culter Rotary engine, A. F. W. Partz. Ruling machine, paper, J. T. F. MacDonnell. Safe, marine, T. F. Rowland. Safety pins, making, Butler & Wellge. Sash holder. V. Freeman Sewing machine, T. A. Macaulay | 196,048 195,977 195,974 196,025 195,039 196,031 195,897 195,876 196,064 195,022 185,896 196,019 195,988 196,038 195,938 195,938 195,938 195,939 |
| [Those marked (r) are reissued patents.] A complete copy of any patent in the annexed list including both the specifications and drawings, will be furnished from this office for one dollar. In ordering, please state the number and date of the patent desired, and remit to Munn & Co 37 Park Row, New York city. Alum, manufacture of, G. P. Rockwell | Plow, F. E. Sessions. Plow, sulky, W. K. & D. Bushnell. Postal card, F. W. Brooks. Printing press, J. O. Kurtzmann. Pulverizing mill, I. M. Phelps. Pump bucket, W. D. Mayfield. Pump, force, W. S. Laney Punch, ticket, J. B. Aiken. Rail joints, bolt lock for, A. A. Wilder. Railroad signal, pneumatic, Kettell & Howland. Rivers, deepening bars of, H. F. Knapp. Rockets, J. H. S. Hooper. Rod coupling, T. D. Culter. Rotary engine, A. F. W. Partz. Ruling machine, paper, J. T. F. MacDonnell. Safet, marine, T. F. Rowland. Safety pins, making, Butler & Wellge. Sash holder, V. Freeman. Sewing machine, T. A. Macaulay Sewing machine feeding mechanism, T. K. Keith. Sewing machine shuttle, T. J. Holton. | 196,048 195,977 195,974 196,025 196,031 195,897 195,022 185,896 196,019 195,988 195,988 195,988 195,988 195,978 196,078 196,078 195,978 196,078 195,978 195,932 195,932 195,932 |
| [Those marked (r) are reissued patents.] A complete copy of any patent in the annexed list including both the specifications and drawings, will be furnished from this office for one dollar. In ordering, please state the number and date of the patent desired, and remit to Munn & Co. 37 Park Row, New York city. Alum, manufacture of, G. P. Rockwell. 196,043 Ammonia salts, treating gas liquor for, L. S. Fales 195,998 Barrel holder and skid, G. W. Brown 195,916 Bee hive, J. C. Train 196,060 Beer measure gage, Cave & Nicholson 195,908 Boots and shoes, protector for, C. Nobs 195,908 Boots and shoes, insoles for, A. M. Daniels 195,983 Bottle stopper and fastening, H. B. Anderson 195,970 Box wood and coal, A. Stantz 196,052 Brake, car, J. H. Lakin 195,935 Brake, car, Seevers & Jelfs 196,047 Brick kiln, J. H. Kelley 195,985 | Plow, F. E. Sessions | 196,048 195,977 195,974 196,025 195,039 196,031 195,897 195,876 196,064 195,022 185,896 196,019 196,019 195,988 195,938 195,938 195,938 195,939 195,939 195,939 195,939 |
| [Those marked (r) are reissued patents.] A complete copy of any patent in the annexed list including both the specifications and drawings, will be furnished from this office for one dollar. In ordering, please state the number and date of the patent desired, and remit to Munn & Co 37 Park Row, New York city. Alum, manufacture of, G. P. Rockwell. 196,043 Ammonia salts, treating gas liquor for, L. S. Fales 195,998 Barrel holder and skid, G. W. Brown 195,916 Bee hive, J. C. Train 196,060 Beer measure gage, Cave & Nicholson 195,980 Boat knee, D. True 195,908 Boots and shoes, protector for, C. Nobs 195,988 Boots and shoes, insoles for, A. M. Daniels 195,886 Bottle stopper and fastening, H. B. Anderson 195,970 Box wood and coal, A. Stautz 196,052 Brake, car, J. H. Lakin 195,935 Brake, car, Seevers & Jelfs 196,047 Brick kiln, J. H. Kelley 195,935 Brick machine, W. E. Gard 195,938 Broiler, O. Edwards 195,939 | Plow, F. E. Sessions. Plow, sulky, W. K. & D. Bushnell. Postal card. F. W. Brooks. Printing press, J. O. Kurtzmann. Pulverizing mill, I. M. Pheløs Pump bucket, W. D. Mayfield Pump, force, W. S. Laney Punch, ticket, J. B. Aiken Rail joints, boltlock for, A. A. Wilder Railroad signal, pneumatic, Kettell & Howland. Rivers, deepening bars of, H. F. Knapp Rockets, J. H. S. Hooper Rod coupling, T. D. Culter Rotary engine, A. F. W. Partz. Ruling machine, paper, J. T. F. MacDonnell. Safet, marine, T. F. Rowland. Safety pins, making, Butler & Wellge. Sash holder, V. Freeman Sewing machine, T. A. Macaulay Sewing machine feeding mechanism, T. K. Keith. Sewing machine shuttle, T. J. Holton. Sewing machine shuttle, H. J. Nott. Sheep to be sheared, securing, W. M. G. Turquand Shirt, A. L. Edwards. | 196,048 195,977 195,974 196,025 195,039 196,031 195,897 195,022 185,896 196,019 195,022 185,938 195,938 195,938 195,938 195,938 195,932 196,038 195,932 196,038 |
| [Those marked (r) are reissued patents.] A complete copy of any patent in the annexed list including both the specifications and drawings, will be furnished from this office for one dollar. In ordering, please state the number and date of the patent desired, and remit to Munn & Co 37 Park Row, New York city. Alum, manufacture of, G. P. Rockwell | Plow, F. E. Sessions. Plow, sulky, W. K. & D. Bushnell. Postal card. F. W. Brooks. Printing press, J. O. Kurtzmann. Pulverizing mill, I. M. Phelps Pump bucket, W. D. Mayfield Pump, force, W. S. Laney Punch, ticket, J. B. Aiken Rail joints, bolt lock for, A. A. Wilder Railroad signal, pneumatic, Kettell & Howland. Rivers, deepening bars of, H. F. Knapp Rockets, J. H. S. Hooper Rod coupling, T. D. Culter Rotary engine, A. F. W. Partz. Ruling machine, paper, J. T. F. MacDonnell. Safe, marine, T. F. Rowland. Safety pins, making, Butler & Wellge Sash holder, V. Freeman Sewing machine, T. A. Macaulay Sewing machine shuttle, T. J. Holton. Sewing machine shuttle, H. J. Nott. Shirt, A. L. Edwards Shoes, exbibiting, J. S. Palmer Shutter fastening, Booth & Wyatt. | 196,048 195,974 196,025 195,039 196,031 195,897 195,896 196,022 185,896 196,022 185,896 196,028 195,988 195,988 195,988 195,988 195,988 195,988 195,988 195,988 195,988 195,989 195,997 195,997 195,997 195,997 195,997 |
| [Those marked (r) are reissued patents.] A complete copy of any patent in the annexed list including both the specifications and drawings, will be furnished from this office for one dollar. In ordering, please state the number and date of the patent desired, and remit to Munn & Co. 37 Park Row, New York city. Alum, manufacture of, G. P. Rockwell. 196,043 Ammonia salts, treating gas liquor for, L. S. Fales 195,998 Barrel holder and skid, G. W. Brown 195,916 Bee hive, J. C. Train 196,060 Beer measure gage, Cave & Nicholson 195,908 Boots and shoes, protector for, C. Nobs 195,908 Boots and shoes, insoles for, A. M. Daniels 195,908 Bottle stopper and fastening, H. B. Anderson 195,970 Box wood and coal, A. Stautz 196,052 Brake, car, J. H. Lakin 195,935 Brake, car, Seevers & Jelfs 196,047 Brick kiln, J. H. Kelley 195,995 Brick machine, W. E. Gard 195,935 Broiler, O. Edwards 195,935 Bung, F. W. Robertshaw 196,042 | Plow, F. E. Sessions. Plow, sulky, W. K. & D. Bushnell. Postal card, F. W. Brooks. Printing press, J. O. Kurtzmann. Pulverizing mill, I. M. Phelbs Pump bucket, W. D. Mayfield. Pump, force, W. S. Laney Punch, ticket, J. B. Aiken Rail joints, bolt lock for, A. A. Wilder Railroad signal, pneumatic, Kettell & Howland. Rivers, deepening bars of, H. F. Knapp Rockets, J. H. S. Hooper Rod coupling, T. D. Culter Rotary engine, A. F. W. Partz. Rulling machine, paper, J. T. F. MacDonnell. Safe, marine, T. F. Rowland. Safety pins, making, Butler & Wellge. Sash holder, V. Freeman Sewing machine, T. A. Macaulay Sewing machine feeding mechanism, T. K. Keith. Sewing machine shuttle, H. J. Nott. Sheep to be sheared, securing, W. M. G. Turquand Shingle sawing machine, W. J. Perkins. Shirt, A. L. Edwards. Shoes, exbibiting, J. S. Palmer Shutter fastening, Booth & Wyatt. Sink trap, H. Miller Spinning frame, ring, G. Draper | 196,048 195,977 196,025 195,039 195,039 195,039 195,039 195,032 185,896 196,032 195,038 195,93 |
| [Those marked (r) are reissued patents.] A complete copy of any patent in the annexed list including both the specifications and drawings, will be furnished from this office for one dollar. In ordering, please state the number and date of the patent desired, and remit to Munn & Co 37 Park Row, New York city. Alum, manufacture of, G. P. Rockwell. 196.043 Ammonia salts, treating gas liquor for, L. S. Fales 195.998 Barrel holder and skid, G. W. Brown 195.916 Bee hive, J. C. Train 196.060 Beer measure gage, Cave & Nicholson 195.980 Boots and shoes, protector for, C. Nobs 195.983 Boots and shoes, insoles for, A. M. Daniels. 195.886 Bottle stopper and fastening, H. B. Anderson 195.970 Box wood and coal, A. Stautz. 196.052 Brake, car, J. H. Lakin 195.935 Brick kin, J. H. Kelley 195.935 Brick machine, W. E. Gard 195.923 Broiler, O. Edwards 195.935 Brung, F. W. Robertshaw 196.042 Burglar alarm, W. H. Knowles, Jr. 196.023 Burglar alarm, F. Krupp 195.936 Butter package, J. F. Bly 195.9376 | Plow, F. E. Sessions. Plow, sulky, W. K. & D. Bushnell. Postal card, F. W. Brooks. Printing press, J. O. Kurtzmann. Pulverizing mill, I. M. Phelps. Pump bucket, W. D. Mayfield. Pump, force, W. S. Laney Punch, ticket, J. B. Aiken Rail joints, bolt lock for, A. A. Wilder Railroad signal, pneumatic, Kettell & Howland. Rivers, deepening bars of, H. F. Knapp Rockets, J. H. S. Hooper Rod coupling, T. D. Culter Rotary engine, A. F. W. Partz Ruling machine, paper, J. T. F. MacDonnell. Safe, marine, T. F. Rowland Safety pins, making, Butler & Wellge Sash holder, V. Freeman Sewing machine, T. A. Macaulay Sewing machine, T. A. Macaulay Sewing machine shuttle, T. J. Holton. Sewing machine shuttle, H. J. Nott. Sheep to be sheared, securing, W. M. G. Turquand Shingle sawing machine, W. J. Perkins. Shirt, A. L. Edwards Shoes, exbibiting, J. S. Palmer Shutter fastening, Booth & Wyatt Sink trap, H. Miller Spinning frame, ring, G. Draper Spinning machine, ricet, J. Hoffman | 196,048 195,977 196,025 195,039 195,039 195,039 195,039 195,876 196,032 195,988 196,038 195,988 196,038 195,988 |
| [Those marked (r) are reissued patents.] A complete copy of any patent in the annexed list including both the specifications and drawings, will be furnished from this office for one dollar. In ordering, please state the number and date of the patent desired, and remit to Munn & Co., 37 Park Row, New York city. Alum, manufacture of, G. P. Rockwell. 196,043 Ammonia salts, treating gas liquor for, L. S. Fales 195,998 Barrel holder and skid, G. W. Brown 195,916 Bee hive, J. C. Train 196,060 Beer measure gage, Cave & Nicholson 195,980 Boot knee, D. True 195,908 Boots and shoes, protector for, C. Nobs 195,948 Bootts and shoes, insoles for, A. M. Daniels 195,886 Bottle stopper and fastening, H. B. Anderson 195,970 Box wood and coal, A. Stautz 196,052 Brake, car, J. H. Lakin 195,935 Brake, car, Seevers & Jelfs 196,047 Brick kiln, J. H. Kelley 195,995 Brick machine, W. E. Gard 195,995 Broiler, O. Edwards 195,995 Bung, F. W. Robertshaw 196,042 Burglar alarm, W. H. Knowles, Jr. 196,023 Burglar alarm, W. N. Patteson 195,934 Butter package, J. F. Bly 195,931 Button fastening, J. J. Mervesp 195,393 | Plow, F. E. Sessions. Plow, sulky, W. K. & D. Bushnell. Postal card. F. W. Brooks. Printing press, J. O. Kurtzmann. Pulverizing mill, I. M. Phelbs Pump bucket, W. D. Mayfield Pump, force, W. S. Laney Punch, ticket, J. B. Aiken Rail joints, bolt lock for, A. A. Wilder Railroad signal, pneumatic, Kettell & Howland. Rivers, deepening bars of, H. F. Knapp Rockets, J. H. S. Hooper Rod coupling, T. D. Culter Rotary engine, A. F. W. Partz. Rulling machine, paper, J. T. F. MacDonnell. Safe, marine, T. F. Rowland. Safety pins, making, Butler & Wellge. Sash holder, V. Freeman Sewing machine, T. A. Macaulay Sewing machine feeding mechanism, T. K. Keith. Sewing machine shuttle, T. J. Holton. Sewing machine shuttle, T. J. Holton. Sewing machine shuttle, W. J. Perkins. Shirt, A. L. Edwards. Shoes, exbibiting, J. S. Palmer Shutter fastening, Booth & Wyatt. Sink trap, H. Miller Spinning frame, ring, G. Draper Spinning machinery, J. M. Stone Sprinkler, street, J. Hoffman Square, dressmaker's, C. H. Griffin. Steam ejector, F. Steele | 196,048 195,974 196,025 195,039 195,039 195,039 195,039 195,039 195,030 |
| [Those marked (r) are reissued patents.] A complete copy of any patent in the annexed list including both the specifications and drawings, will be furnished from this office for one dollar. In ordering, please state the number and date of the patent desired, and remit to Munn & Co 37 Park Row, New York city. Alum, manufacture of, G. P. Rockwell | Plow, F. E. Sessions. Plow, sulky, W. K. & D. Bushnell. Postal card, F. W. Brooks. Printing press, J. O. Kurtzmann. Pulverizing mill, I. M. Phelss Pump bucket, W. D. Mayfield. Pump, force, W. S. Laney Punch, ticket, J. B. Aiken Rail joints, boltlock for, A. A. Wilder Railroad signal, pneumatic, Kettell & Howland. Rivers, deepening bars of, H. F. Knapp Rockets, J. H. S. Hooper Rod coupling, T. D. Culter Rotary engine, A. F. W. Partz. Ruling machine, paper, J. T. F. MacDonnell. Safe, marine, T. F. Rowland. Safety pins, making, Butler & Wellge. Sash holder, V. Freeman Sewing machine feeding mechanism, T. K. Keith. Sewing machine shuttle, H. J. Nott. Sheep to be sheared, securing, W. M. G. Turquand Shingle sawing machine, W. J. Perkins. Shirt, A. L. Edwards. Shoes, exbibiting, J. S. Palmer Shutter fastening, Booth & Wyatt. Sink trap, H. Miller Spinning frame, ring, G. Draper Spinning machines, J. M. Stene Sprinkler, street, J. Hoffman Square, dressmaker's, C. H. Griffin Steam trap, W. Conner Steam trap, T. Kieley | 196,048 195,977 196,025 195,039 195,674 196,025 195,039 195,676 195,697 195,676 195,988 |
| [Those marked (r) are reissued patents.] A complete copy of any patent in the annexed list including both the specifications and drawings, will be furnished from this office for one dollar. In ordering, please state the number and date of the patent desired, and remit to Munn & Co. 37 Park Row, New York city. Alum, manufacture of, G. P. Rockwell | Plow, F. E. Sessions. Plow, sulky, W. K. & D. Bushnell. Postal card. F. W. Brooks. Printing press, J. O. Kurtzmann. Pulverizing mill, I. M. Phelps. Pump bucket, W. D. Mayfield. Pump, force, W. S. Laney Punch, ticket, J. B. Aiken Rail joints, bolt lock for, A. A. Wilder Railroad signal, pneumatic, Kettell & Howland. Rivers; deepening bars of, H. F. Knapp Rockets, J. H. S. Hooper Rod coupling, T. D. Culter Rotary engine, A. F. W. Partz. Ruling machine, paper, J. T. F. MacDonnell. Safe, marine, T. F. Rowland. Safety pins, making, Butler & Wellge. Sash holder, V. Freeman Sewing machine, T. A. Macaulay Sewing machine feeding mechanism, T. K. Keith. Sewing machine shuttle, T. J. Holton. Sewing machine shuttle, H. J. Nott. Shirt, A. L. Edwards Shoes, exhibiting, J. S. Palmer Shutter fastening, Booth & Wyatt. Sink trap, H. Miller Spinning frame, ring, G. Draper Spinning frame, ring, G. Draper Spinning machinery, J. M. Stone Sprinkler, street, J. Hoffman Square, dressmaker's, C. H. Griffin Steam ejector, F. Steele Steam trap, W. Conner Steam trap, T. Kieley Steel, manufacture of, M. J. Hamilton Stove, coal oil, W. S. Potwin. | 196,048 195,977 196,025 195,039 195,039 195,039 195,897 195,876 196,038 195,938 |
| [Those marked (r) are reissued patents.] A complete copy of any patent in the annexed list including both the specifications and drawings, will be furnished from this office for one dollar. In ordering, please state the number and date of the patent desired, and remit to Munn & Co 37 Park Row, New York city. Alum, manufacture of, G. P. Rockwell | Plow, F. E. Sessions. Plow, sulky, W. K. & D. Bushnell. Postal card. F. W. Brooks. Printing press, J. O. Kurtzmann. Pulverizing mill, I. M. Phelss Pump bucket, W. D. Mayfield Pump, force, W. S. Laney Punch, ticket, J. B. Aiken Rail joints, bolt lock for, A. A. Wilder Railroad signal, pneumatic, Kettell & Howland. Rivers, deepening bars of, H. F. Knapp Rockets, J. H. S. Hooper Rod coupling, T. D. Culter Rotary engine, A. F. W. Partz. Ruiling machine, paper, J. T. F. MacDonnell. Safe, marine, T. F. Rowland. Safety pins, making, Butler & Wellge. Sash holder, V. Freeman Sewing machine, T. A. Macaulay Sewing machine feeding mechanism, T. K. Keith. Sewing machine shuttle, T. J. Holton. Sewing machine shuttle, H. J. Nott. Sheep to be sheared, securing, W. M. G. Turquand Shingle sawing machine, W. J. Perkins. Shirt, A. L. Edwards. Shoes, exhibiting, J. S. Palmer Shutter fastening, Booth & Wyatt. Sink trap, H. Miller Spinning frame, ring, G. Draper Spinning machinery, J. M. Stone Sprinkler, street, J. Hoffman Square, dressmaker's, C. H. Griffin Steam ejector, F. Steele Steam trap, W. Conner Steen trap, T. Kieley Steel, manufacture of, M. J. Hamilton | 196,048 195,977 196,025 195,039 195,039 195,631 195,897 195,676 195,022 185,896 196,038 195,944 195,967 195,969 195,979 |
| [Those marked (r) are reissued patents.] A complete copy of any patent in the annexed list including both the specifications and drawings, will be furnished from this office for one dollar. In ordering, please state the number and date of the patent desired, and remit to Munn & Co 37 Park Row, New York city. Alum, manufacture of, G. P. Rockwell | Plow, F. E. Sessions. Plow, sulky, W. K. & D. Bushnell. Postal card. F. W. Brooks. Printing press, J. O. Kurtzmann. Pulverizing mill, I. M. Phelps Pump bucket, W. D. Mayfield Pump, force, W. S. Laney Punch, ticket, J. B. Aiken Rail joints, bolt lock for, A. A. Wilder Railroad signal, pneumatic, Kettell & Howland. Rivers; deepening bars of, H. F. Knapp Rockets, J. H. S. Hooper Rod coupling, T. D. Culter Rotary engine, A. F. W. Partz. Ruling machine, paper, J. T. F. MacDonnell. Safe, marine, T. F. Rowland. Safety pins, making, Butler & Wellge. Sash holder, V. Freeman Sewing machine feeding mechanism, T. K. Keith. Sewing machine shuttle, T. J. Holton. Sewing machine shuttle, H. J. Nott. Sheep to be sheared, securing, W. M. G. Turquand Shingle sawing machine, W. J. Perkins. Shirt, A. L. Edwards Shoes, exbibiting, J. S. Palmer Shutter fastening, Booth & Wyatt. Sink trap, H. Miller Spinning frame, ring, G. Draper Spinning machinery, J. M. Stene Sprinkler, street, J. Hoffman Square, dressmaker's, C. H. Griffin Steam ejector, F. Steele Steam trap, W. Conner Steam trap, T. Kieley Stove, coal oil, W. S. Potwin Stove leating, T. Gemmell. Stove coal oil, W. S. Potwin Stove heating, T. Gemmell. | 196,048 195,974 196,025 195,039 195,697 196,031 195,897 195,876 196,042 185,896 196,042 185,896 196,043 195,978 |
| [Those marked (r) are reissued patents.] A complete copy of any patent in the annexed list including both the specifications and drawings, will be furnished from this office for one dollar. In ordering, please state the number and date of the patent desired, and remit to Munn & Co. 37 Park Row, New York city. Alum, manufacture of, G. P. Rockwell. 196,043 Ammonia salts, treating gas liquor for, L. S. Fales 195,998 Barrel holder and skid, G. W. Brown 195,916 Bee hive, J. C. Train 196,060 Beer measure gage, Cave & Nicholson 195,980 Boots and shoes, protector for, C. Nobs 195,943 Boots and shoes, protector for, C. Nobs 195,943 Boots and shoes, insoles for, A. M. Daniels 195,970 Box wood and coal, A. Stantz 196,052 Brake, car, J. H. Lakin 195,935 Brake, car, Seevers & Jelfs 196,047 Brick kiln, J. H. Kelley 195,995 Brick machine, W. E. Gard 195,993 Broiler, O. Edwards 195,993 Broiler, O. Edwards 195,993 Burglar alarm, W. H. Knowles, Jr. 196,042 Burglar alarm, W. H. Knowles, Jr. 196,042 Burglar alarm, F. Krupp 195,995 Button fastening, J. J. Mervesp 195,995 Button fastening, J. J. Mervesp 195,995 Button, sleeve, A. L. Frankenthal 196,001 Can, milk, G. H. Lester 195,994 Car, salphag, C. Moore 195,942 Car, salphag, C. W. Stimpson, Jr 195,943 Car, rolembar, J. C. Moore 195,944 Car, ballast distributing, A. B. Dockstader 195,949 Car, coupling, C. W. Stimpson, Jr 195,986 Car, railway ferry, P. P. Shelby 195,987 Car starter, Crocker & Lytle 195,987 | Plow, F. E. Sessions. Plow, sulky, W. K. & D. Bushnell. Postal card. F. W. Brooks. Printing press, J. O. Kurtzmann. Pulverizing mill, I. M. Phelss Pump bucket, W. D. Mayfield Pump, force, W. S. Laney Punch, ticket, J. B. Aiken Rail joints, bolt lock for, A. A. Wilder Railroad signal, pneumatic, Kettell & Howland. Rivers, deepening bars of, H. F. Knapp Rockets, J. H. S. Hooper. Rod coupling, T. D. Culter Rotary engine, A. F. W. Partz. Ruling machine, paper, J. T. F. MacDonnell. Safe, marine, T. F. Rowland. Safety pins, making, Butler & Wellge. Sash holder, V. Freeman Sewing machine, T. A. Macaulay Sewing machine shuttle, T. J. Holton. Sewing machine shuttle, T. J. Holton. Sewing machine shuttle, H. J. Nott. Shirt, A. L. Edwards. Shoes, exbibiting, J. S. Palmer Shutter fastening, Booth & Wyatt. Sink trap, H. Miller Spinning frame, ring, G. Draper Spinning machinery, J. M. Stene Sprinkler, street, J. Hoffman Square, dressmaker's, C. H. Griffin Steam ejector, F. Steele Steam trap, W. Conner Steam trap, T. Kieley Stove heating, T. Gemmell. Stove, conductor for cooking, C. H. Phelps. Surgeons' bandages, fabric for, H. P. Plante Surgical apparatus, B. G. McCabe. Syringe bottle, hypodermic, E. Pfarre. | 196,048 195,974 196,025 195,039 195,039 195,879 195,876 196,038 195,988 196,038 195,988 196,038 195,988 195,988 196,038 195,988 |
| [Those marked (r) are reissued patents.] A complete copy of any patent in the annexed list including both the specifications and drawings, will be furnished from this office for one dollar. In ordering, please state the number and date of the patent desired, and remit to Munn & Co 37 Park Row, New York city. Alum, manufacture of, G. P. Rockwell | Plow, F. E. Sessions Plow, sulky, W. K. & D. Bushnell Postal card, F. W. Brooks Printing press, J. O. Kurtzmann. Pulverizing mill, I. M. Phelps Pump bucket, W. D. Mayfield Pump, force, W. S. Laney Punch, ticket, J. B. Aiken Rail joints, bolt lock for, A. A. Wilder Railroad signal, pneumatic, Kettell & Howland Rivers, deepening bars of, H. F. Knapp Rockets, J. H. S. Hooper Rod coupling, T. D. Culter Rotary engine, A. F. W. Partz. Ruling machine, paper, J. T. F. MacDonnell. Safe, marine, T. F. Rowland Safety pins, making, Butler & Wellge. Sash holder, V. Freeman Sewing machine, T. A. Macaulay Sewing machine, T. A. Macaulay Sewing machine, T. J. Holton. Sewing machine shuttle, T. J. Holton. Sewing machine shuttle, H. J. Nott. Sheep to be sheared, securing, W. M. G. Turquand Shingle sawing machine, W. J. Perkins. Shirt, A. L. Edwards Shoes, exbibiting, J. S. Palmer Shutter fastening, Booth & Wyatt Sink trap, H. Miller Spinning frame, ring, G. Draper Spinning machinery, J. M. Stone Sprinkler, street, J. Hoffman Square, dressmaker's, C. H. Griffin Steam ejector, F. Steele Steam trap, W. Conner Steam trap, T. Kieley Steel, manufacture of, M. J. Hamilton Stove, coal oil, W. S. Potwin Stove sonductor for cooking, C. H. Phelps, Surgeons' bandages, fabric for, H. P. Plante Surgical apparatus, B. G. McCabe. Syringe bottle, hypodermic, E. Pfarre Telegraph, quadruplex, B. Thompson | 196,048 195,977 196,025 195,039 195,039 195,876 196,031 195,876 196,038 195,938 |
| [Those marked (r) are reissued patents.] A complete copy of any patent in the annexed list including both the specifications and drawings, will be furnished from this office for one dollar. In ordering, please state the number and date of the patent desired, and remit to Munn & Co 37 Park Row, New York city. Alum, manufacture of, G. P. Rockwell | Plow, F. E. Sessions. Plow, sulky, W. K. & D. Bushnell. Postal card. F. W. Brooks. Printing press, J. O. Kurtzmann. Pulverizing mill, I. M. Phelss Pump bucket, W. D. Mayfield Pump, force, W. S. Laney Punch, ticket, J. B. Aiken Rail joints, bolt lock for, A. A. Wilder Railroad signal, pneumatic, Kettell & Howland. Rivers, deepening bars of, H. F. Knapp Rockets, J. H. S. Hooper Rod coupling, T. D. Culter Rotary engine, A. F. W. Partz. Ruiling machine, paper, J. T. F. MacDonnell. Safe, marine, T. F. Rowland. Safety pins, making, Butler & Wellge. Sash holder, V. Freeman Sewing machine, T. A. Macaulay Sewing machine feeding mechanism, T. K. Keith. Sewing machine shuttle, T. J. Holton. Sewing machine shuttle, T. J. Holton. Sewing machine shuttle, W. J. Perkins. Shirt, A. L. Edwards. Shoes, exbibiting, J. S. Palmer Shutter fastening, Booth & Wyatt. Sink trap, H. Miller Spinning frame, ring, G. Draper Spinning machinery, J. M. Stone Sprinkler, street, J. Hoffman Square, dressmaker's, C. H. Griffin Steam ejector, F. Steele Steam trap, W. Conner Steam trap, W. Conner Steam trap, T. Kieley Stove, coal oil, W. S. Potwin Stove, coal oil, W. S. Potwin Stove, conductor for cooking, C. H. Phelps. Surgeons' bandages, fabric for, H. P. Plante | 196,048 195,974 196,025 195,039 195,039 195,039 195,039 195,039 195,030 |
| [Those marked (r) are reissued patents.] A complete copy of any patent in the annexed list including both the specifications and drawings, will be furnished from this office for one dollar. In ordering, please state the number and date of the patent desired, and remit to Munn & Co. 37 Park Row, New York city. Alum, manufacture of, G. P. Rockwell. 196,043 Ammonia salts, treating gas liquor for, L. S. Fales 195,998 Barrel holder and skid, G. W. Brown 195,916 Bee hive, J. C. Train 196,060 Beer measure gage, Cave & Nicholson 195,980 Boot knee, D. True 195,908 Boots and shoes, protector for, C. Nobs 195,980 Bottle stopper and fastening, H. B. Anderson 195,970 Box wood and coal, A. Stautz 196,052 Brake, car, J. H. Lakin 195,935 Brake, car, Seevers & Jelfs 196,047 Brick kiln, J. H. Kelley 195,995 Brick machine, W. E. Gard 195,995 Broiler, O. Edwards 195,995 Broiler, O. Edwards 195,995 Burglar alarm, W. H. Knowles, Jr. 196,042 Burglar alarm, W. N. Patteson 195,934 Button fastening, J. J. Mervesp 195,934 Button fastening, J. J. Mervesp 195,934 Button fastening, J. J. Mervesp 195,936 Button, sleeve, A. L. Frankenthal 196,041 Can, milk, G. H. Lester 195,995 Car, shipping, J. C. Moore 195,942 Car, ballast distributing, A. B. Dockstader 195,996 Car, slipping, J. C. Moore 195,942 Car, slatributing grain in loading, J. Jackson 195,987 Cars, distributing grain in loading, J. Jackson 195,987 Cars drawbar for railway, J. B. Baugh 195,971 Caster, furniture, E. Hoffstaetter 196,0 | Plow, F. E. Sessions. Plow, sulky, W. K. & D. Bushnell. Postal card, F. W. Brooks. Printing press, J. O. Kurtzmann. Pulverizing mill, I. M. Phelss Pump bucket, W. D. Mayfield. Pump, force, W. S. Laney Punch, ticket, J. B. Aiken Rail joints, boltlock for, A. A. Wilder Railroad signal, pneumatic, Kettell & Howland. Rivers, deepening bars of, H. F. Knapp Rockets, J. H. S. Hooper Rod coupling, T. D. Culter Rotary engine, A. F. W. Partz. Rulling machine, paper, J. T. F. MacDonnell. Safe, marine, T. F. Rowland. Safety pins, making, Butler & Wellge Sash holder, V. Freeman Sewing machine feeding mechanism, T. K. Keith. Sewing machine shuttle, T. J. Holton. Sewing machine shuttle, T. J. Holton. Sewing machine shuttle, H. J. Nott. Sheep to be sheared, securing, W. M. G. Turquand Shingle sawing machine, W. J. Perkins. Shirt, A. L. Edwards. Shoes, exbibiting, J. S. Palmer Shutter fastening, Booth & Wyatt. Sink trap, H. Miller Spinning frame, ring, G. Draper Spinning machinery, J. M. Stone Sprinkler, street, J. Hoffman Square, dressmaker's, C. H. Griffin Steam ejector, F. Steele Steam trap, W. Conner Steam trap, T. Kieley Steel, manufacture of, M. J. Hamilton Stove, coal oil, W. S. Potwin Stove grate, H. Cribben Stove heating, T. Gemmell. Stoves, conductor for cooking, C. H. Phelps. Surgeons' bandages, fabric for, H. P. Plante | 196,048 195,977 196,025 195,039 195,878 195,878 195,876 195,878 195,876 195,978 195,876 195,978 195,977 195,977 195,978 195,977 |
| [Those marked (r) are reissued patents.] A complete copy of any patent in the annexed list including both the specifications and drawings, will be furnished from this office for one dollar. In ordering, please state the number and date of the patent desired, and remit to Munn & Co 37 Park Row, New York city. Alum, manufacture of, G. P. Rockwell | Plow, F. E. Sessions. Plow, sulky, W. K. & D. Bushnell. Postal card. F. W. Brooks. Printing press, J. O. Kurtzmann. Pulverizing mill, I. M. Phelps Pump bucket, W. D. Mayfield Pump, force, W. S. Laney Punch, ticket, J. B. Aiken Rail joints, bolt lock for, A. A. Wilder Railroad signal, pneumatic, Kettell & Howland. Rivers, deepening bars of, H. F. Knapp Rockets, J. H. S. Hooper. Rod coupling, T. D. Culter Rotary engine, A. F. W. Partz. Ruling machine, paper, J. T. F. MacDonnell. Safe, marine, T. F. Rowland. Safety pins, making, Butler & Wellge. Sash holder, V. Freeman Sewing machine feeding mechanism, T. K. Keith. Sewing machine shuttle, T. J. Holton. Sewing machine shuttle, T. J. Holton. Sewing machine shuttle, W. J. Perkins. Shirt, A. L. Edwards. Shoes, exbibiting, J. S. Palmer Shutter fastening, Booth & Wyatt. Sink trap, H. Miller Spinning frame, ring, G. Draper Spinning frame, ring, G. Draper Spinning machinery, J. M. Stene Sprinkler, street, J. Hoffman Square, dressmaker's, C. H. Griffin Steam ejector, F. Steele Steam trap, W. Conner Steam trap, T. Kieley Steel, manufacture of, M. J. Hamilton Stove, coal oil, W. S. Potwin Stove keating, T. Gemmell. Stoves, conductor for cooking, C. H. Phelps. Surgeons' bandages, fabric for, H. P. Plante Surgical apparatus, B. G. McCabe. Syringe bottle, hypodermic, E. Pfarre Telegraph, quadruplex, B. Thompson Thill coupling, Spencer & Barrett. Trace carrier, L. E. Walker. Trunk fastener, P. Martin Tobacco, treating leaf, C. F. Bjick Tool, automatic, J. Schwippl. | 196,048 195,974 196,025 195,039 195,879 195,876 196,038 195,988 196,038 195,988 196,038 195,988 196,038 195,988 196,038 195,988 196,038 195,988 |
| [Those marked (r) are reissued patents.] A complete copy of any patent in the annexed list including both the specifications and drawings, will be furnished from this office for one dollar. In ordering, please state the number and date of the patent desired, and remit to Munn & Co. 37 Park Row, New York city. Alum, manufacture of, G. P. Rockwell. 196.043 Ammonia salks, treating gas liquor for, L. S. Fales 195.998 Barrel holder and skid, G. W. Brown 195,916 Bee hive, J. C. Train. 196.060 Beer measure gage, Cave & Nicholson. 195,938 Boots and shoes, protector for, C. Nobs. 195,938 Boots and shoes, insoles for, A. M. Daniels. 195,838 Bottle stopper and fastening, H. B. Anderson 195,970 Box wood and coal, A. Stantz. 196,052 Brake, car, J. H. Lakin. 195,935 Brick machine, W. E. Gard 195,923 Broller, O. Edwards 195,923 Broller, O. Edwards 195,924 Burglar alarm, W. H. Knowles, Jr. 196,032 Burglar alarm, W. H. Knowles, Jr. 196,032 Burglar alarm, F. Krupp 195,934 Butter package, J. F. Bly 195,976 Butter package, G. Kator 195,931 Button fastening, J. J. Mervesp 195,934 Button, sleeve, A. L. Frankenthal 196,001 Can, milk, G. H. Lester 195,895 Car, shipping, J. C. Moore 195,942 Car, coupling, C. W. Stimpson, Jr 195,981 Car, nower, A. Lebus 195,987 Cars, distributing grain in loading, J. Jackson 195,981 Cars, distributing grain in loading, J. Jackson 195,982 Cars, distributing grain in loading, J. Jackson 195,983 Cars, distributing grain in loading, J. Jackson 195,982 Cars, distributing grain in loading, J. Jackson 195,982 Cars, distributing grain in loading, J. Jackson 195,983 Cars, distributing grain in loading, J. Jackson 195,982 Carriage top, P. Copeland 196,024 Chair bottoms, cutting veneers for, O. N. Eaton 195,981 Chair, opera, P. W. Nolan 196,023 | Plow, F. E. Sessions. Plow, sulky, W. K. & D. Bushnell. Postal card, F. W. Brooks. Printing press, J. O. Kurtzmann. Pulverizing mill, I. M. Phelss Pump bucket, W. D. Mayfield. Pump, force, W. S. Laney Punch, ticket, J. B. Aiken Rail joints, bolt lock for, A. A. Wilder Railroad signal, pneumatic, Kettell & Howland Rivers, deepening bars of, H. F. Knapp Rockets, J. H. S. Hooper Rod coupling, T. D. Culter Rotary engine, A. F. W. Partz. Rulling machine, paper, J. T. F. MacDonnell. Safe, marine, T. F. Rowland. Safety pins, making, Butler & Wellge. Sash holder, V. Freeman Sewing machine feeding mechanism, T. K. Keith. Sewing machine feeding mechanism, T. K. Keith. Sewing machine shuttle, T. J. Holton. Sewing machine shuttle, H. J. Nott. Sheep to be sheared, securing, W. M. G. Turquand Shingle sawing machine, W. J. Perkins. Shirt, A. L. Edwards. Shoes, exhibiting, J. S. Palmer Shutter fastening, Booth & Wyatt Sink trap, H. Miller Spinning frame, ring, G. Draper Spinning machinery, J. M. Stone Sprinkler, street, J. Hoffman Square, dressmaker's, C. H. Griffin Steam ejector, F. Steele Steam trap, W. Conner Steam trap, T. Kieley Steel, manufacture of, M. J. Hamilton Stove, coal oil, W. S. Potwin Stove grate, H. Cribben Stove heating, T. Gemmell. Stoves, conductor for cooking, C. H. Phelps. Surgeons' bandages, fabric for, H. P. Plante Surgeons' bandages, fabric | 196,048 195,974 196,025 195,039 195,039 195,039 195,039 195,039 195,030 195,03 |
| [Those marked (r) are reissued patents.] A complete copy of any patent in the annexed list including both the specifications and drawings, will be furnished from this office for one dollar. In ordering, please state the number and date of the patent desired, and remit to Munn & Co., 37 Park Row, New York city. Alum, manufacture of, G. P. Rockwell | Plow, F. E. Sessions. Plow, sulky, W. K. & D. Bushnell. Postal card, F. W. Brooks. Printing press, J. O. Kurtzmann. Pulverizing mill, I. M. Phelss Pump bucket, W. D. Mayfield. Pump, force, W. S. Laney Punch, ticket, J. B. Aiken Rail joints, boltlock for, A. A. Wilder Railroad signal, pueumatic, Kettell & Howland. Rivers, deepening bars of, H. F. Knapp Rockets, J. H. S. Hooper Rod coupling, T. D. Culter Rotary engine, A. F. W. Partz. Ruling machine, paper, J. T. F. MacDonnell. Safe, marine, T. F. Rowland. Safety pins, making, Butler & Wellge. Sash holder, V. Freeman Sewing machine feeding mechanism, T. K. Keith. Sewing machine feeding mechanism, T. K. Keith. Sewing machine shuttle, H. J. Nott. Sheep to be sheared, securing, W. M. G. Turquand Shingle sawing machine, W. J. Perkins. Shirt, A. L. Edwards. Shoes, exbibiting, J. S. Palmer Shutter fastening, Booth & Wyatt. Sink trap, H. Miller Spinning frame, ring, G. Draper Spinning machinery, J. M. Stone Sprinkler, street, J. Hoffman Square, dressmaker's, C. H. Griffin Steam trap, T. Kieley Steel, manufacture of, M. J. Hamilton Stove, cond oil, W. S. Potwin Stove heating, T. Gemmell. Stoves, conductor for cooking, C. H. Phelps. Surgeons' bandages, fabric for, H. P. Plante | 196,048 195,977 196,025 195,039 195,878 196,031 195,878 196,032 185,896 196,038 195,938 195,938 195,938 195,938 195,938 195,938 195,938 195,938 195,938 195,938 195,938 195,938 195,938 195,938 195,939 |
| [Those marked (r) are reissued patents.] A complete copy of any patent in the annexed list including both the specifications and drawings, will be furnished from this office for one dollar. In ordering, please state the number and date of the patent desired, and remit to Munn & Co 37 Park Row, New York city. Alum, manufacture of, G. P. Rockwell | Plow, F. E. Sessions. Plow, sulky, W. K. & D. Bushnell. Postal card, F. W. Brooks. Printing press, J. O. Kurtzmann. Pulverizing mill, I. M. Phelps Pump bucket, W. D. Mayfield Pump, force, W. S. Laney Punch, ticket, J. B. Aiken Rail joints, bolt lock for, A. A. Wilder Railroad signal, pneumatic, Kettell & Howland. Rivers, deepening bars of, H. F. Knapp Rockets, J. H. S. Hooper Rod coupling, T. D. Culter Rotary engine, A. F. W. Partz. Rulling machine, paper, J. T. F. MacDonnell. Safe, marine, T. F. Rowland. Safety pins, making, Butler & Wellge. Sash holder, V. Freeman Sewing machine, T. A. Macaulay Sewing machine feeding mechanism, T. K. Keith. Sewing machine shuttle, T. J. Holton. Sewing machine shuttle, W. J. Perkins. Shirt, A. L. Edwards. Shoes, exbibiting, J. S. Palmer Shutter fastening, Booth & Wyatt. Sink trap, H. Miller Spinning frame, ring, G. Draper Spinning machinery, J. M. Stone Sprinkler, street, J. Hoffman Square, dressmaker's, C. H. Griffin Steam ejector, F. Steele Steam trap, W. Conner Steam trap, T. Kieley Steel, manufacture of, M. J. Hamilton Stove, coal oil, W. S. Potwin Stove grate, H. Cribben Stove heating, T. Gemmell. Stoves, conductor for cooking, C. H. Phelps. Surgeons' bandages, fabric for, H. P. Plante Surgeons' bandages, fabric for, H. P | 196,048 195,974 196,025 195,039 195,039 195,879 195,876 195,986 195,988 195,98 |
| [Those marked (r) are reissued patents.] A complete copy of any patent in the annexed list including both the specifications and drawings, will be furnished from this office for one dollar. In ordering, please state the number and date of the patent desired, and remit to Munn & Co. 37 Park Row, New York city. Alum, manufacture of, G. P. Rockwell. 196,043 Ammonia salts, treating gas liquor for, L. S. Fales 195,998 Barrel holder and skid, G. W. Brown 195,916 Bee hive, J. C. Train 196,060 Beer measure gage, Cave & Nicholson 195,908 Boots and shoes, protector for, C. Nobs 195,908 Boots and shoes, protector for, C. Nobs 195,908 Bottle stopper and fastening, H. B. Anderson 195,970 Box wood and coal, A. Stantz 196,052 Brake, car, J. H. Lakin 195,935 Brake, car, J. H. Lakin 195,935 Brake, car, Seevers & Jelfs 196,047 Brick kiln, J. H. Kelley 195,995 Brick machine, W. E. Gard 195,933 Broiler, O. Edwards 195,935 Broiler, O. Edwards 195,935 Burg, F. W. Robertshaw 196,042 Burglar alarm, W. H. Knowles, Jr. 196,032 Burglar alarm, F. Krupp 195,936 Butter package, G. Kator 195,936 Butter package, G. Kator 195,936 Button fastening, J. J. Mervesp 195,939 Button, sleeve, A. L. Frankenthal 196,001 Can, milk, G. H. Lester 195,946 Can, shipping, J. C. Moore 195,942 Car, coupling, C. W. Stimpson, Jr 195,943 Car, coupling, C. W. Stimpson, Jr 195,945 Car, coupling, C. W. Stimpson, Jr 195,945 Car, carliaway ferry, P. P. Shelby 195,957 Cars, drawbar for railway, J. B. Baugh 195,937 Cars, distributing grain in loading, J. Jackson 195,987 Cars | Plow, F. E. Sessions. Plow, sulky, W. K. & D. Bushnell. Postal card, F. W. Brooks. Printing press, J. O. Kurtzmann. Pulverizing mill, I. M. Phelss Pump bucket, W. D. Mayfield. Pump, force, W. S. Laney Punch, ticket, J. B. Aiken Rail joints, bolt lock for, A. A. Wilder Railroad signal, pneumatic, Kettell & Howland Rivers, deepening bars of, H. F. Knapp Rockets, J. H. S. Hooper Rod coupling, T. D. Culter Rotary engine, A. F. W. Partz. Rulling machine, paper, J. T. F. MacDonnell. Safe, marine, T. F. Rowland. Safety pins, making, Butler & Wellge. Sash holder, V. Freeman Sewing machine, T. A. Macaulay Sewing machine feeding mechanism, T. K. Keith. Sewing machine shuttle, T. J. Holton. Sewing machine shuttle, H. J. Nott. Sheep to be sheared, securing, W.M.G. Turquand Shingle sawing machine, W. J. Perkins. Shirt, A. L. Edwards. Shoes, exhibiting, J. S. Palmer Shutter fastening, Booth & Wyatt. Sink trap, H. Miller Spinning frame, ring, G. Draper Spinning machinery, J. M. Stone Sprinkler, street, J. Hoffman Square, dressmaker's, C. H. Griffin. Steam ejector, F. Steele Steam trap, W. Conner Steam trap, T. Kieley. Steel, manufacture of, M. J. Hamilton Stove, coal oil, W. S. Potwin Stove grate, H. Cribben Stove heating, T. Gemmell. Stoves, conductor for cooking, C. H. Phelps. Surgeons' bandages, fabric for, H. P. Plante Surgeons' bandages, fabric for, H. P. Pla | 196,048 195,974 196,025 195,039 195,039 195,039 195,039 195,039 195,938 |
| [Those marked (r) are reissued patents.] A complete copy of any patent in the annexed list including both the specifications and drawings, will be furnished from this office for one dollar. In ordering, please state the number and date of the patent desired, and remit to Munn & Co 37 Park Row, New York city. Alum, manufacture of, G. P. Rockwell. 196,043 Ammonia salts, treating gas liquor for, L. SFales 195,998 Barrel holder and skid, G. W. Brown 195,916 Bee hive, J. C. Train 196,060 Beer measure gage, Cave & Nicholson 195,980 Boots and shoes, protector for, C. Nobs 195,943 Boots and shoes, insoles for, A. M. Daniels. 195,898 Bottle stopper and fastening, H. B. Anderson 195,970 Box wood and coal, A. Stautz. 196,052 Brake, car, J. H. Lakin 195,385 Brick car, Seevers & Jelfs 196,047 Brick kiln, J. H. Kelley 195,995 Brick machine, W. E. Gard 195,923 Broiler, O. Edwards 195,995 Bung, F. W. Robertshaw 196,042 Burglar alarm, W. H. Knowles, Jr. 196,023 Burglar alarm, F. Krupp 195,934 Butglar alarm, F. Krupp 195,934 Butter package, J. F. Bly 195,995 Button fastening, J. J. Mervesp 195,995 Button, sleeve, A. L. Frankenthal 196,001 Can, milk, G. H. Lester 195,995 Car, ballast distributing, A. B. Dockstader 195,993 Button, sleeve, A. L. Frankenthal 196,001 Car, nocomotive street, H. C. Bull 195,881 Car coupling, C. W. Stimpson, Jr 195,994 Car, ballast distributing, A. B. Dockstader 195,999 Car, ballast distributing, A. B. Dockstader 195,999 Car, starter, Crocker & Lytle 195,997 Cars, drawbar for railway, J. B. Baugh 195,971 Carding engines, stopping rolls of, C. H. Chapman 195,982 Cars, drawbar for railway, J. B. Baugh 195,971 Carding engines, stopping rolls of, C. H. Chapman 195,982 Cars, drawbar for railway, J. B. Baugh 195,971 Carding engines, stopping rolls of, C. H. Chapman 195,982 Cars, drawbar for railway, J. B. Baugh 195,971 Carding engines, stopping rolls of, C. H. Chapman 195,982 Chair opera, P. W. Nolan 196,036 Chair seats, Provenzano & De Gaetano 195,993 Chair opera, P. W. Nolan 196,036 Corset, skirt-supp | Plow, F. E. Sessions. Plow, sulky, W. K. & D. Bushnell. Postal card, F. W. Brooks. Printing press, J. O. Kurtzmann. Pulverizing mill, I. M. Phelss Pump bucket, W. D. Mayfield. Pump, force, W. S. Laney Punch, ticket, J. B. Aiken Rail joints, boltlock for, A. A. Wilder Railroad signal, pneumatic, Kettell & Howland Rivers, deepening bars of, H. F. Knapp Rockets, J. H. S. Hooper Rod coupling, T. D. Culter Rotary engine, A. F. W. Partz. Ruling machine, paper, J. T. F. MacDonnell. Safe, marine, T. F. Rowland. Safety pins, making, Butler & Wellge. Sash holder, V. Freeman Sewing machine feeding mechanism, T. K. Keith. Sewing machine feeding mechanism, T. K. Keith. Sewing machine shuttle, H. J. Nott. Sheep to be sheared, securing, W. M. G. Turquand Shingle sawing machine, W. J. Perkins. Shirt, A. L. Edwards. Shoes, exbibiting, J. S. Palmer Shutter fastening, Booth & Wyatt. Sink trap, H. Miller Spinning frame, ring, G. Draper Spinning machinery, J. M. Stene Sprinkler, street, J. Hoffman Square, dressmaker's, C. H. Griffin Steam trap, T. Kieley Steel, manufacture of, M. J. Hamilton Stove, cond oil, W. S. Potwin Stove heating, T. Gemmell. Stoves, conductor for cooking, C. H. Phelps. Surgeons' bandages, fabric for, H. P. Plante S | 196,048 195,974 196,025 195,039 195,939 195,939 195,938 195,947 195,961 195,961 195,961 195,961 195,961 195,961 |
| [Those marked (r) are reissued patents.] A complete copy of any patent in the annexed list including both the specifications and drawings, will be furnished from this office for one dollar. In ordering, please state the number and date of the patent desired, and remit to Munn & Co. 37 Park Row, New York city. Alum, manufacture of, G. P. Rockwell | Plow, F. E. Sessions. Plow, sulky, W. K. & D. Bushnell. Postal card. F. W. Brooks. Printing press, J. O. Kurtzmann. Pulverizing mill, I. M. Phelss Pump bucket, W. D. Mayfield. Pump, force, W. S. Laney Punch, ticket, J. B. Aiken Rail joints, bolt lock for, A. A. Wilder Railroad signal, pneumatic, Kettell & Howland. Rivers, deepening bars of, H. F. Knapp Rockets, J. H. S. Hooper Rod coupling, T. D. Culter Rotary engine, A. F. W. Partz. Rulling machine, paper, J. T. F. MacDonnell. Safe, marine, T. F. Rowland. Safety pins, making, Butler & Wellge. Sash holder, V. Freeman Sewing machine feeding mechanism, T. K. Keith. Sewing machine feeding mechanism, T. K. Keith. Sewing machine shuttle, T. J. Holton. Sewing machine shuttle, H. J. Nott. Sheep to be sheared, securing, W. M. G. Turquand Shingle sawing machine, W. J. Perkins. Shirt, A. L. Edwards. Shoes, exhibiting, J. S. Palmer Shutter fastening, Booth & Wyatt Sink trap, H. Miller Spinning frame, ring, G. Draper Spinning machinery, J. M. Stone Sprinkler, street, J. Hoffman Square, dressmaker's, C. H. Griffin Steam ejector, F. Steele Steam trap, W. Conner Steam trap, T. Kieley Steel, manufacture of, M. J. Hamilton Stove, coal oil, W. S. Potwin Stove grate, H. Cribben Stove heating, T. Gemmell. Stoves, conductor for cooking, C. H. Phelps. Surgeons' bandages, fabric for, H. P. Plante Surgeons' bandages, fabri | 196,048 195,974 196,025 195,039 195,039 195,039 195,039 195,938 |
| [Those marked (r) are reissued patents.] A complete copy of any patent in the annexed list including both the specifications and drawings, will be furnished from this office for one dollar. In ordering, please state the number and date of the patent desired, and remit to Munn & Co., 37 Park Row, New York city. Alum, manufacture of, G. P. Rockwell | Plow, F. E. Sessions. Plow, sulky, W. K. & D. Bushnell. Postal card, F. W. Brooks. Printing press, J. O. Kurtzmann. Pulverizing mill, I. M. Phelss Pump bucket, W. D. Mayfield. Pump, force, W. S. Laney Punch, ticket, J. B. Aiken Rail joints, bolt lock for, A. A. Wilder Railroad signal, pneumatic, Kettell & Howland Rivers, deepening bars of, H. F. Knapp Rockets, J. H. S. Hooper Rod coupling, T. D. Culter Rotary engine, A. F. W. Partz. Rulling machine, paper, J. T. F. MacDonnell. Safe, marine, T. F. Rowland. Safety pins, making, Butler & Wellge. Sash holder, V. Freeman. Sewing machine, F. A. Macaulay Sewing machine feeding mechanism, T. K. Keith. Sewing machine feeding mechanism, T. K. Keith. Sewing machine shuttle, H. J. Nott. Sheep to be sheared, securing, W. M. G. Turquand Shingle sawing machine, W. J. Perkins. Shirt, A. L. Edwards. Shoes, exbibiting, J. S. Palmer Shutter fastening, Booth & Wyatt. Sink trap, H. Miller Spinning frame, ring, G. Draper Spinning machinery, J. M. Stone Sprinkler, street, J. Hoffman Square, dressmaker's, C. H. Griffin Steam ejector, F. Steele Steam trap, W. Conner Steam trap, T. Kieley Steel, manufacture of, M. J. Hamilton Stove, coal oil, W. S. Potwin Stove grate, H. Cribben Stove heating, T. Gemmell. Stoves, conductor for cooking, C. H. Phelps. Surgeons' bandages, fabric for, H. P. Plante Surgeons' bandages, fabric for, H. P. Plante Surgeons' bandages, fabric for, H. P. Plante Celegraph, quadruplex, B. Thompson Thill coupling, Spencer & Barrett. Trace carrier, L. E. Walker Trunk fastener, P. Martin Tobacco, treating leaf, C. F. Bjick Toly, automatic, J. Sch wippl. Toy money box, J. Hall (r) Umbrella runner, C. Harrison Umbrella tip cup, B. J. Riley Vagut, side bar, J. H. Robinson Washing machine, L. Rivers. Well-boring apparatus, Haas & Manning. Whiffleree, etc., connecting link, G. W. Martin. Window Cleaner, W. C. Gayton. | 196,048 195,974 196,025 195,039 195,039 195,039 195,039 195,938 |

10,270.-BURIAL CASKETS.-Augustus Clark, Amsterdam, N. Y. 10,271.-WALL POCKET PATTERN.-William Hamilton

New York city. 10,272 and 10,273.—OIL CLOTHS.—C. T. Meyer and V E. Meyer, Bergen, N. J.

[A copy of any of the above patents may be had by remitting one dollar to Munn & Co., 37 Park Row, New