

Business and Personal.

The charge for insertion under this head is One Dollar a line for each insertion; about eight words to a line. Advertisements must be received at publication office as early as Thursday morning to appear in the following week's issue.

Marine Iron Works. Chicago. Catalogue free. For logging engines. J. S. Mundy, Newark, N. J. "U. S." metal polish. Indianapolis. Samples free. Presses & Dies. Ferracute Mach. Co., Bridgeton, N. J. Handle & Spoke Mch. Ober Lathe Co., Chagrin Falls, O. For Sale—Interest in or State rights in a valuable patent. T. W. Arnold & Co., Minneapolis, Minn. Screw machines, milling machines, and drill presses. The Garvin Mach. Co., Laight and Canal Sts., New York. Emerson, Smith & Co., Ltd., Beaver Falls, Pa., will send Sawyer's Hand Book on Circulars and Band Saws free to any address.

For the original Bogardus Universal Eccentric Mill, Foot and Power Presses, Drills, Shears, etc., address J. S. & G. F. Simpson, 26 to 36 Rodney St., Brooklyn, N. Y.

The best book for electricians and beginners in electricity is "Experimental Science," by Geo. M. Hopkins. By mail, \$4; Munn & Co., publishers, 361 Broadway, N. Y.

Wanted—Exclusive control, for United States, useful articles, suitable for canvassing agents. Cash or royalty. Best facilities any one in the world. Give full description, prices, and terms, or no attention. Address H. H. Hull, 557 Greenwich Street, New York.

Whereas, the copartnership heretofore existing in the City and State of New York between Orson D. Munn and Alfred E. Beach, under the copartnership name of Munn & Co., and having its principal place of business at No. 361 Broadway, in the City and State of New York, has been dissolved by the death of Alfred E. Beach on January 1, 1896; and

Whereas, the said copartnership had business relations with foreign countries and transacted business in the State of New York for a period of five years and upward; and

Whereas, I, Orson D. Munn, the surviving copartner, am desirous to continue the business conducted by the said copartnership and to continue the use of the name of Munn & Co.

Now, I, Orson D. Munn, do hereby certify and declare that I am the person dealing under such name of Munn & Co., and that my place of abode is 14 East Twenty-second Street, City of New York, and that my principal place of business is at No. 361 Broadway, in the City and State of New York.

(Signed) ORSON D. MUNN. [L.S.]

In presence of

A. A. HOPKINS.

City and County of New York, as:

On this 6th day of January, in the year 1896, before me personally came Orson D. Munn, to me known to be the individual described in and who executed the foregoing instrument and acknowledged to me that he executed the same for the purposes therein mentioned.

(Signed) A. A. HOPKINS,

Notary Public,

Kings County, New York.

Certificate filed in New York County.

Send for new and complete catalogue of Scientific and other Books for sale by Munn & Co., 361 Broadway, New York. Free on application.

Notes & Queries

HINTS TO CORRESPONDENTS.

Names and Address must accompany all letters, or no attention will be paid thereto. This is for our information and not for publication.

References to former articles or answers should give date of paper and page or number of question.

Inquiries not answered in reasonable time should be repeated; correspondents will bear in mind that some answers require not a little research, and, though we endeavor to reply to all either by letter or in this department, each must take his turn.

Buyers wishing to purchase any article not advertised in our columns will be furnished with addresses of houses manufacturing or carrying the same.

Special Written Information on matters of personal rather than general interest cannot be expected without remuneration.

Scientific American Supplements referred to may be had at the office. Price 10 cents each.

Books referred to promptly supplied on receipt of price.

Minerals sent for examination should be distinctly marked or labeled.

(6704) T. O'C. asks for a formula for a benzine and petroleum resisting cement, and also for bicycle cements. A. Cement to resist benzine and petroleum: It has quite recently been discovered that gelatine mixed with glycerine yields a compound liquid when hot, but which solidifies on cooling, and forms a tough, elastic substance, having much the appearance and characteristics of Indiarubber. The two substances united form a mixture entirely and absolutely insoluble in petroleum or benzine, and the great problem of making casks impervious to these fluids is at once solved by brushing or painting them on the inside with the compound. This is also used for printers' rollers and for buffers of stamps, as benzine or petroleum will clean them when dirty in the most perfect manner in an incredibly short space of time. Water must not be used with this compound. Cement for Cuts in Bicycle Tires, etc.—In 10 oz. carbon bisulphide dissolve 20 oz. caoutchouc; 10 oz. gutta percha; and 5 oz. fish glue. Bind the tire well with cord until set. Bicycle Tire Cement—2 parts of pitch and 1 part of gutta percha are melted together. Use hot.

(6705) P. W. N. asks for information on the sand blast process of engraving. A. Sand driven by an air blast of the pressure of 4 in. of water will completely grind or polish the surface of glass in ten seconds. If the glass is covered by a stencil of paper or lace, or by a design drawn in any tough elastic substance, such as half dried oil, paint or gum, a picture will be engraved on the surface. Photographic copies in bichromated gelatine from delicate line engravings have been thus faithfully reproduced on glass. In photographic pictures in gelatine, taken from nature, the lights and shadows produce films of gelatine of different degrees of thickness. A carefully regulated sand blast will act upon the glass beneath these films more or less powerfully, in proportion to the thickness of the films, and the

gradations of light and shade are thus produced on the glass. In the apparatus used air rises through a curved tube, carrying the sand up with it, which is thrown into the air tube by an endless belt of scoops arranged in the lower part of the angular box. The sand is carried up by the air and brought over and down the front air tube, where it discharges with great force upon the surface of the glass, which is contained within the front box and is carried by a belt gradually forward under the blast.

(6706) J. W. B. asks how to prevent a crack in a piece of metal from extending. A. A crack in a piece of metal is prevented from extending further by the well known means of drilling a hole where the rent ends; but when the hole is not bored on just that spot, the crack is apt to continue beyond the hole. To facilitate the search for the exact point, Revue Industrielle recommends moistening the cracked surface with petroleum, then wiping it and immediately rubbing it with chalk. The oil that has penetrated into the crack extends, and thus indicates with precision where the crack stops.

(6707) A. C. writes: I wish to obtain full information about electric furnaces, acetylene gas, carbide of calcium, the reactions and the pressure required to reduce the gas to liquid form. A. We refer you to the following SUPPLEMENTS, which give very exhaustive information and the most recent reliable data concerning acetylene and calcium carbide: SUPPLEMENTS, Nos. 998, 1004, 1007, 1012, 1013, 1014, 1015, 1016, 1035, 1038. We also have several articles on the subject in the SCIENTIFIC AMERICAN. Electric furnaces are treated in several SUPPLEMENTS. We can supply all of the above. You can get calcium carbide of Elmer & Amend, 211 Third Avenue, New York City.

(6708) C. S., Utah, asks: Which is the best method to temper and magnetize steel rods 4 inches to 6 inches long and from 3/8 to 1/2 inch in diameter? A. Any steel bars, rods, or drawn steel wire that will harden may be used for magnets. The pieces, if required to be straight after hardening, should be straightened and annealed, and then made straight in their soft state. Then heat to a full red by daylight and plunge in water vertically by dropping. Then clean so that the tempering color can be easily seen, draw the temper on an iron plate to a deep orange color and cool in water. To magnetize lay the ends of the rods alternately on the n. and s. poles of a permanent or electro-magnet, or, if convenient, you can utilize the magnet of a dynamo or motor.

(6709) H. W. P. wants to know how to make gelatine sheets. A. Dissolve fine glue or isinglass in water, so that the solution when cold may be consistent. Pour it hot on a plate of glass (previously warmed with steam and slightly greased) fitted in a metallic frame whose edges are just as high as the water should be thick. Lay on the surface a second glass plate, also hot and greased, so as to touch every point of the gelatine while resting on the edges of the frame. By its pressure the thin cake is rendered uniform. When the glass plates have cooled the gelatine will be solid and may be removed. It can then be cut into disks by punches, etc. It can, of course, be colored by adding suitable coloring material, aniline colors for instance.

(6710) H. R. T. asks for directions for preserving the natural colors of flowers. A. A recent improved receipt for preserving plants with their natural colors is to dissolve 1 pt. salicylic acid in 600 parts alcohol, heat the solution up to boiling point in an evaporating vessel and draw the plants slowly through it. Shake them to get rid of any superfluous moisture and then dry between sheets of blotting paper under pressure in the ordinary manner. Too prolonged immersion discolours violet flowers, and in all cases the blotting paper must be frequently renewed. The novelty appears to be the salicylic acid.

TO INVENTORS.

An experience of nearly fifty years, and the preparation of more than one hundred thousand applications for patents at home and abroad, enable us to understand the laws and practice on both continents, and to possess unequalled facilities for procuring patents everywhere. A synopsis of the patent laws of the United States and all foreign countries may be had on application, and persons contemplating the securing of patents, either at home or abroad, are invited to write to this office for prices, which are low in accordance with the times and our extensive facilities for conducting the business. Address MUNN & CO., office SCIENTIFIC AMERICAN, 361 Broadway, New York.

INDEX OF INVENTIONS

For which Letters Patent of the United States were Granted

January 21, 1896,

AND EACH BEARING THAT DATE.

[See note at end of list about copies of these patents.]

Table listing inventions with names and dates. Includes: Adding and recording machine, Burrhead & Marshman; Advertising purposes, mechanism for, A. M. Marden; Aerator, milk, F. C. Stephenson; Air brake, J. S. Custer; Air brake coupling, Fernley & Charleson; Air take pumps, indicator for, Rogers & Warren; Amalgam fillings, absorbent for, J. W. Dennis; Animal trap, E. C. Waldmuff; Ax rack, H. F. & C. G. Zimmerman; Bag holder, J. E. Reed; Baling press, R. E. & R. W. Doty; Baling press, cotton, F. C. Gammons; Band cutter and feeder, O. E. Olsen; Barrels, form for setting up, J. Carroll; Bearing, axle spring, F. L. G. Chapman; Bed bottom, spring, J. F. Leggett; Beer drawing apparatus, C. Williams; Beer or ale, manufacturing, Sobotka & Kilemet; Bell, bicycle, E. D. Rockwell; Bell ringer, J. D. Sansom; Belt fastener, H. H. Jones; Bicycle, S. A. Donnelly; Bicycle brake, E. C. Fay; Bicycle training device, W. Webber; Bicycle wheel, B. F. Stauber; Bicycles, rear fork end for, F. D. Owen; Bit brace, H. W. Brockert; Blank cutter, F. Mattusch; Blind stop, C. C. Elston; Boiler, See Water tube boiler; Boiler, Dever & Cotter; Boiler coverings to boilers, device for securing, Rose; Boiler feed, O. J. Scott; Boiler furnace, E. Brook; Bolt and nut lock, W. B. Nevill; Book holder, S. B. Moody;

Table listing inventions with names and dates. Includes: Boots or shoes, inner sole for, Prehle & Worth; Brace, See Shelf bracket; Bracket, See Shelf bracket; Bicycle, See Air brake; Bicycle brake, Car brake; Bicycle holder, C. H. Nolet; Brake apparatus, fluid pressure, H. A. Parke; Brake shoe, C. L. Jeffrey; Brooms, manufacture of, A. Stephen; Brush, Goulding & Kemble; Brush, H. Webber; Button machine, C. R. Nolet; Button making machine, F. Mattusch; Cabinet, physician's, Miner & Elbreg; Cable gripper, G. S. Evans; Calendar, A. S. Walmer; Camera, C. E. Moller; Car, hertha, electric register for sleeping, S. C. Skanks; Car bolster, Wilson & Morris; Car brake, G. E. Wheeler; Car coupling, Barker & Austin; Car coupling, C. Carlson; Car coupling, R. Couper; Car coupling, W. McConway; Car coupling, J. T. Roberts et al.; Car coupling, A. G. Tupper; Car coupling, automatic, M. A. McClearen; Car door, Bragman & Hines; Car door, C. R. Nolet; Car draw bar, railway, J. W. Boggs; Car fender, J. L. Schuman; Car seat, F. W. Blair; Cars, etc., draught device for, J. H. Turbush; Carbureting water gas, T. L. Willson; Card setting machine, N. C. Betes; Carouse, E. E. Eubank; Carriage cleaning apparatus, H. Nicholsburg; Carriage loading machine, P. Kammerer; Casting apparatus, Gayley & Mackey; Centrifugal machine, P. L. Kimball; Chair attachment, L. S. Pickett; Checking or unchecking device, H. J. Jilbert; Churn power, G. C. Forbes; Churn, J. M. Stokes; Cigar, G. Minck; Cleaner, See Dish cleaner; Window cleaner; Clinker, See Water cooler; Compound engine, E. W. Harden; Conveying machine, O. Gulbrandsen; Cooler, See Water cooler; Copy boiler, Parker & Todd; Copying press, roller, K. E. Lousser; Corn holder, E. Malmquist; Corn sheller feed, G. W. Packer; Coupling, See Air brake coupling; Car coupling; Locomotive pilot coupling; Cranks to shafts, means for attaching, A. C. Crank, etc.; Creamer, C. Fugli; O. Anderson; Crushing rolls, F. East; Cuff holder, J. W. Payton; Cultivator attachment, H. C. Wittrock; Current motor, alternating, Hutin & Leblanc; Curtain window, J. G. Williams; Cutter, See Band cutter; Blank cutter; Thread cutter; Vegetable cutter; Cutter head, F. Stutzman; Cutting cheese, etc., machine for, L. Sigmund; Truck, car, W. S. G. Baker; Dish cleaner, rear case, B. F. Hall; Door fastener, A. B. Caminetti; Door lock, E. S. Sutton; Drill, See Grain drill; Ratchet drill; Electrical conductor, incandescing, J. W. Aylsworth; Electric incandescing conductors, manufacturing, J. W. Aylsworth; Electrolyzing chloride solutions, apparatus for, E. Hermite; Elevators and elevator doors, locking device for, W. W. Wood; End gate, J. W. Orin; Engine, See Compound engine; Gas engine; Gas or vaporengine; Rotary engine; Steam engine; Engine for log moving, H. G. Dittbenner; Engineless holder, A. E. Lerman; Fence, J. S. Chopper, G. W. Packer; Fence, C. F. Holzwarth; Fence machine, wire, Z. R. King; Fence stretcher, wire, C. H. Zimmerman; Fender, See Car fender; Fertilizer distributor, W. Keeler; Filter, See Water faucet or water supply, H. Vellenoweth; Fire escape, W. H. Campbell; Fireproof building construction, A. R. Fordyce; Flower stand, F. Mejer; Furnace, See Blast furnace; Game or puzzle, J. R. Felt; Garden implement, D. Earl; Gas burners, automatic opening or closing device for, Harrison & Kilberg; Gas engine, W. W. Grant; Gas engine, S. M. Miller; Gas lighting apparatus, electric, Brinckerhoff & Farquharson; Gas lighting apparatus, electric, H. C. Farquharson; Gas or vapor engine, W. W. Grant; Gate, See Gate; Gate attachment, A. Helm; Gin saw sharpening machine, J. D. Cromer; Globe and making same, T. Jones; Grain drill, H. C. Ham; Grate rack, G. A. Boylston; Grate rack, W. S. Pickett; Hame fastener, J. P. McAfee; Hammer, steam drop, A. F. L. Reusser; Harvester, corn, R. Pederson; Hasp lock, W. E. Delbert; Headlight, W. S. Hamm; Headlight, electric, E. D. Davis; Hoop, See Lawn mow; Snap hook; Hoop making machine, E. S. Foster; Hop training strings, stump for holding, R. Fuller; Horse detacher, H. R. Welper; Horseshoe, W. J. Kent; Hose nozzle, J. M. & A. W. Dosh; Hot water circulation system, J. A. Brett; Humidifying apparatus, J. A. Paletborpe; Ice cream freezer, O. M. & J. P. Perkins; Index for rate tables, E. T. Platt; Indicating device, Russfeld; Intake and filter, H. L. Ricks; Knife, See Pocket knife; Knitting machine, circular, E. R. Branson; Latch hook, self-closing, L. S. Upton; Lamp, electric, E. E. Crook; Lamp fixtures, automatic regulator for continuously fed extension, F. L. Eager; Lantern, signal, W. S. Hamm; Lathing machine, H. Hull; Lathing, metallic, A. R. Fordyce; Letter clip, C. C. McPherson; Linoleum, etc., machine for manufacturing, J. Ingleby; Liquid discharging device, P. Brandell; Lock, See Door lock; Hasp lock; Sash lock; Lock, L. O. Wilson; Locomotive boilers, apparatus for heating up, J. T. Connor; Locomotive pilot coupling, S. R. Heidelberg; Loom, carpet, W. F. McCready; Loom shuttle, H. Crane; Magnetic extracting and separating machine, F. J. Barnard et al.; Magnet safe, H. F. Miller; Middlings purifier, P. H. Jacobs; Milk rennet test, A. J. Marschall; Mill, See Rolling mill; Windmill; Mine guard, C. E. Anderson; Mining machine, undercut, G. W. Lutes; Miter, G. D. Feltus; Mirror, adjustable, Morrison & Ames; Mop head, C. Morgan; Motor, See Current motor; Musical instrument, mechanical, F. L. Bauer; Nails, die for making screw, C. D. Rogers; Nail, See Nail; Pan, See Roasting pan; Pencils, manufacture of writing, Mabl & Braun; Photograph printing frames, automatic register for, A. E. Willis; Picture mats with oval or elliptical openings, machine for providing, M. E. Childs; Picture, machine for cutting and taking, L. P. Thompson; Pipe wrench, J. K. Sheffy; Plane, miter or bevel, Traut & Schade; Planing machines, rot y cutter for, G. Dupes; Pocket knife, W. Schumacher; Poke, animal, H. McGuire; Power, See Churn power; Press, See Baling press; Copying press; Printing press; Printing machine, line, G. F. McAdams; Printing press, H. A. W. Wood; Printing press, chromatic tining apparatus for, J. P. Cline; Propeller, endless band, J. H. Meacham; Propelling mechanism, vessel, C. S. Carrier;

Table listing inventions with names and dates. Includes: Propulsion, marine, R. Rbett; Pulley facing machine, B. F. Barnes; Pump, A. F. Abrahamson; Punching machine, metal, A. R. Tomlinson; Pyroxyline compound, J. H. Stevens; Rack, See Ax rack; Rail straightening device, W. Hainsworth; Railway siding, W. R. Kirk; Ratchet drill, N. Samson; Riving machine, F. A. Jaberg; Roasting pan, A. Sicker; Rolling mill, three-high, A. Thomas; Rotary engine, S. P. Ingram; Rotary engine, G. F. Rosling; Safe, L. Mannstaedt; Sash lock, S. L. Langmaid; Sash, removable window, J. Lebnbeuter; Saw filing machine, J. L. McDougall; Sawmill head block, J. H. Matthews; Sawing machine, J. H. Koehler; Scale, computing, J. W. Culmer; Screen, See Shaking screen; Window screen; Separator, See Fan separator; Sewing machine cabinet or table, N. A. Hull; Sewing machine grinding attachment, C. A. Baker; Sewing machine tension device, G. W. La Rue; Shades to rollers, attaching window, E. F. Hartsborn; Shaking screen, Richardson & Hall; Sharpening disk knives, implement for, H. S. Clinton; Shears, V. E. Edwards; Shelf bracket, T. Corcoran; Sheller, See Corn sheller; Shutter fastener, window, W. T. Fisher; Sleigh brake, A. Mecham; Slicer, fruit or vegetable, J. B. Stewart; Snap hook, J. H. Shaw; Snow melting cart, F. X. Von Garnier; Soap and sponge holder, Habel & Manger; Soap cup, movable, O. H. Huebel; Speed reducing driving mechanism, F. H. Richards; Stair construction, C. B. Godfrey; Stand, See Flower stand; Steam engine, Murgatroyd; Steamer and cooker, H. Hurlbar; Stone, drilling, G. M. Githens; Stove, cooking, D. C. Wallace; Stove door hinge, A. E. Detwiler; Stove, oil, A. R. Welch; Strap, See Belt; Switch and signal apparatus, V. C. Spioer; Syringe, P. Flnot; Table and bracket, M. Simon; Tacker, hand, L. D. Ju kins; Telephone, S. A. Dinmore; Telephone, C. G. Smith; Telephone pay stations, automatic toll box for, H. C. Root; Thermometer attachment for railway cars, W. E. Eastman; Thread cutter, G. R. Unkefer; Truck, mill, See Mill; Tile, roofing, G. A. Taylor; Tooth crown attachment, C. A. Davis; Trap, See Animal trap; Trolley, W. Kaup; Truck, car, W. S. G. Baker; Truck, car, W. F. King; Truck frame, built-up steel, C. T. Schoer; Truck street car, S. R. Skov; Type, surface treatment of movable, J. W. Osborne; Valve, check, H. Burns; Valve for hydraulic freight elevators, etc., A. M. Haley; Vegetable cutter, M. Beamer; Vehicle running gear, A. S. Hand; Vending apparatus, coin-controlled, C. W. Goldsmith; Vent, vessel, A. H. Brower; Wagon bed bolster, M. Marrs; Wagon running gear, J. McCallum; Wall or house construction, W. H. Denney; Watch bow fastener, E. H. Hunter; Watch crown chuck, G. A. Scholer; Water cooler, J. Schieder; Water softening, Bar S. Bailey; Watertube boiler, F. V. Riviere; Wheel, See Bicycle wheel; Wheel, W. Tozer et al.; Wheel, flexible tired, G. Mortson; Wig making apparatus, G. B. Siccardi; Window, H. Dunlop; Window cleaner, W. E. Allen; Window screen, W. T. Jones; Wire drawing machine, C. H. Morgan; Wire stretcher, G. S. & R. J. Dorney; Wood blanks and mouldings, machine for carving straight or curved, L. C. H. Charrier; Wool, process of and apparatus for treating, J. C. Anderson; Wrench, See Pipe wrench; Yarn separator, A. D. Chandler;

DESIGNS.

Table listing designs with names and dates. Includes: Badge, C. B. Wilkinson; Bicycle frame, F. T. Fowle; Bicycle handle bar, P. Gendron; Bottle, S. J. Held; Bottle, Renzhausen & Schuetz, Jr.; Buckle frame, J. C. Covert; Carpet, N. S. Stewart; Casket handle ear, E. Clef; Chair, student's, H. E. Hunter; Clear boxes, ornamental print for, N. Witsch; Clock frame, C. Hofmann; Dust pan, J. W. V. Gamm; Hitching post, Marshall & McClure; Inscription plate, E. K. Jones; Kitchen cabinet, Ostrander & Fairchild; Knife scourer, L. S. Weber; Lantern body, J. H. Lehman; Mirrors, etc., frame for, R. J. Sickels; No. of sliding door, 25,061 to 25,062; Pump base, J. C. Davis; Refrigerating case, C. Switzky; Soaf rack, H. E. Eymann; Seat and desk, school, S. W. Peregrine; Stove, heating, W. Baldwin; Stove, heating, W. Baldwin; Tablecloth fastener, T. R. Desjardins;

TRADE MARKS.

Table listing trade marks with names and dates. Includes: Bicycles, Premier Cycle Manufacturing Company; Bicycles, tricycles, delivery carriers and their parts and attachments, Knickerbocker Cycle Manufacturing Company; Bicycles, tricycles, quadricycles, and other light vehicles of similar character and their accessories, Adams & Westlake Company; Bleaching, rinsing and finishing textile fabrics, preparations for, William Edge & Sons; Carriage houses and the like, cleansing or washing apparatus for, H. Nicholsburg; Cough lozenge or drop, G. D. Feldt; Emplastrum jelly for external application, G. W. Lynn; Flour, wheat, H. B. Smith; Food and feed preparation, farinaceous, Robinson-Danforth Commission Company; Hinges, Tyler Hinged Last Company; Hoop, stockings, Brown Brothers & Aberle Company; Hosiery and similar knit goods, Ely & Walker Dry Goods Company; Medicine to cure fever, L. V. Maehado; Mordants for dyeing purposes, Gilbert Brothers & Company; Non-bleeding cementing compositions, rollers, rollers, etc., H. W. Johns Manufacturing Company; Nuts and bolts, J. H. Sternbergh & Son; Remedy for kidney diseases, F. H. Bates; Remedy, catarrh, Kilo Pharmacy Company; Salve for use upon animals, W. M. Melick; Tacks, shoe, Goodyear Shoe Machinery Company; Tin and terne plates and similar goods, American Tin Plate Company; Whisky, W. A. Taylor & Company; Wines, W. A. Taylor & Company;

A printed copy of the specification and drawings of any patent in the foregoing list or any patent in print issued since 1863, will be furnished from this office for 25 cents. In ordering please state the name and number of the patent desired, and remit to Munn & Co., 361 Broadway New York.

Canadian entries may now be obtained by the inventor for any of the inventions named in the foregoing list, provided that a certificate, at a cost of \$40 each, if complicated the cost will be a little more. For full instructions address Munn & Co., 361 Broadway, New York. Other foreign patents may also be obtained.