

(2397) W. M. asks for a receipt for bleaching clothing. A. Exposure to the sun after washing is the only bleaching that should be used.

(2398) W. A. H. writes: I read in a newspaper that it was now possible to treat wood, ivory, glass, etc., in such a manner that they could be electroplated. Can you give me any information on the subject?

(2399) L. W. Z. asks: Will burning sulphur in a room, to exterminate moths, etc., have a deleterious effect upon the keys of a piano or upon furniture?

(2400) C. W. F. asks for a safe method and good receipt for making amalgam for frictional machines, and where it can be purchased.

(2401) Dez. writes: Will you kindly inform me how I can get rid of freckles? A. The druggists sell preparations that may be of some efficacy.

(2402) F. I. S. asks: Can you tell me of anything that will banish Croton bugs from a house? A. Unfortunately we cannot.

work.—The Hartman sliding blinds.—An improved mitering machine, illustrated.—An improved twist machine, illustrated.—An improved heater, illustrated.—A perfect sanitary wash tub, illustrated.—An improved bench plane, illustrated.—A large contract for steel roofing.—New York Central Iron Works Company.

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INDEX OF INVENTIONS

For which Letters Patent of the United States were Granted

August 5, 1890.

AND EACH BEARING THAT DATE.

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

Table listing inventions with patent numbers, including: Advertising device, Air brake, Alarm, Alarm lock, Auger bit, Automatic sprinkler, Baling press, Ball, Barrel, Batteries, Battery, Beading machine, Bed slat support, Bedstead, Beer drawing device, Bell door, Belts, Bicycle head, Binder, Bit, Block, Blotter bath, Boat, Boiler, Boiler feeder, Boiler furnace, Boiler indicator, Boiler or pipe covering, Bolt heading machine, Bolt or rivet clipper, Bolting reel, Boring machine, Bottle cap, Box, Box corner nail, Brake, Bridge rail joint, Buffer, Bug trap, Buildings, Camera, Camera shutter, Cant hook, Car coupling, Car coupling, Car coupling, Car coupling, Car motor support, Car trolley, Cars, Carpet sweeper, Carrier, Cart, Cart, Cart, Case, Cash indicator, Casting apparatus, Castings, Chair, Chair and table, Check rating and punching machine, Child's chair, Chopper, Churn, Churn, Churn, Cigarette machine, Clamp, Clasp, Clasp, Clasp or buckle, Cleaner, Clipper, Cloth board machine, Clothes drier, Clothes hook, Coal breaker, Coal drilling machine, Cook, Coffee pot, Coffin handle, Coil clasp, Commutator, Cooler, Cotter key, Cotton chopper, Cotton mills, Coupling, Cup, Curling iron, Current converting apparatus, Current motor, Curtain fastening, Curtain pole, Curtain support, Cut off, Cut off, Cutter, Dental mallet, Direct-acting engine, Dish, Disinfectant, Door check, Door hanger, Door hanger, Door, Draught equalizer, Drier, Drying kiln, Dye vat, Dyeing, Egg case, Egg lifter, Egg sirup, Electric conductors, Electric conductors, Electric current controller, Electric machine, Electric motor mechanism, Electric motor mechanism, Electric wire support, Electrical communication, Electrical transformer, Electric-magnetic motor, Electro-magnetic motor, Electrolite, Elevator, Elevator shafts, Embroidering machine, Emery wheel, End gate, Engine, Engine, Engine connection, Engines, Envelope moistening pad, Evaporating device, Fabric holding, Fastening device, Fence machine, Fences, Fire alarm, Flush tank, Fodder cutter, Folding chair, Frame, Fuel, Furnace, Furnace grate, Fuse and fuse block, Gauge, Galvanic battery, Game apparatus, Game apparatus, Game apparatus, Garment stay, Garment supporter, Gas and steam motor engine, Gas apparatus, Gas, Gas burner, Gas engine, Gas holder, Gas or oil motor engine, Gas, process of and apparatus for manufacturing heating and illuminating, Gate, Gate, Generator, Glass-tube-cutter, Glove, Glove fastener, Grader, Grain binder, Grain elevators, Grate bar, Grinding cutlery handles, Guard, Hair singer, Hammer and scraper, Handle, Hanger, Harness blind, Harrow, Harrow, Harrow, Harrow, Hay loader, Hay press, Hay press, Heater, Heating water in baths, Heel heading machine, Heel gouging machine, Hip strap attachment, Hoisting and conveying machine, Hoisting apparatus, Hoisting machine, Holder, Hook, Horse boot, Horse controlling device, Horse detacher, Hot air furnace, Hydraulic apparatus, Hydrocarbon burner, Ice cutting machine, Incubators, Indicator, Induction motor, Inhaler, Insulating material, Iron, Ironing machine, Ironing machine, Ironing table, Jack, Joint, Joint, Journal box, Key, Kiln, Knife, Knitting machines, Knob, Lamp attachment, Lamp chimney cleaner, Lamp, electric arc, Lamp socket, Lamps, Lamps, ceiling block for incandescent electric, Lantern, Lantern, Latch, Lathing, Leg, artificial, Letter box, Letter box, electric alarm, Level, Lid lifter, Lift lines, Lift, Lightning rod, Limb, artificial, Lock, Locomotive spark arrester, Log carrier, Marking patterns, Masquerade suit, Mattress, Measure, measuring instrument, Mechanical motor, Mechanical movement, Metallic wheel, Mill, Milling cutter, Mining machine, Mining machine, Mirror, Mirror, Miter cutting machine, Mould, Mould for tubular articles, Moulds, bottom board for sand, Motor, Motor, Motor engine worked by oil vapor, Multiple switch board system, Nail, Non-conducting covering, Nut, Nut, Nut chamfering machine, Oil burner, Oil can, Oil cup, Oil cup, Oven, Pad, Pad, Paper cutting machines, Paper, medicated, Pavement, Pen cleaner, Pencil sharpener, Pencil sharpener, Slate, Gas engine, E. 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SCIENTIFIC AMERICAN BUILDING EDITION.

AUGUST NUMBER.—(No. 58.)

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Table listing contents of the Building Edition, including: 1. Elegant plate in colors showing perspective and floor plans of an attractive little cottage recently erected at a cost of only \$900 at Sunapee, N. H., from plans by Munn & Co., architects, New York. Sheet of details, etc. 2. Plate in colors of Mr. Charles Barnard's cottage at Stamford, Conn. Perspective elevation, floor plans, sheet of details, etc. Cost \$2,000. 3. Chateau de Chenonceaux, erected in the reign of Francis the First. Page engraving. 4. A cottage at Villa Park, New York. Cost \$3,400 complete. Floor plans, perspective elevation, etc. 5. A residence on Chester Hill, Mount Vernon, N. Y. Cost \$5,500 complete. Perspective view and floor plans. 6. A block of city residences erected for Dr. F. E. Robinson, on West End Avenue, New York City. Floor plans and perspective view. 7. General view and details of Festival Hall of the Union of German Singers at Vienna. 8. Residence at Greenwich, Conn. Cost \$7,800. Perspective and floor plans. 9. Dwelling at Stamford, Conn. Cost \$5,000. Plans and perspective elevation. 10. A dwelling at Holyoke, Mass., erected at a cost of \$9,500 complete. Rossiter & Wright, New York, architects. Floor plans and perspective view. 11. Dwelling and store at Mount Vernon, N. Y. W. S. Stickles, architect, Mount Vernon. Cost \$5,600 complete. Plans and perspective elevation. 12. An elegant residence erected on the Highlands, Springfield, Mass., at a cost of \$6,000. Floor plans and perspective view. 13. Attractive stable at Montclair, N. J. Cost complete \$3,200. J. C. Cady, New York, architect. 14. Miscellaneous: Steam as a fire extinguisher.—Trees and streets.—Portrait and biographical sketch of John Ruskin.—A porch covered with clematis montana, illustrated.—Prevention of decay in stone.—The porcelain tower at Nankin.—The Howard heater, illustrated.—Effective lightning rods.—An improved square chisel mortiser and borer, illustrated.—Zinc and brick