

Notes & Queries

HINTS TO CORRESPONDENTS. Names and Address must accompany all letters or no attention will be paid thereto.

(8363) E. E. P. asks: Please inform me in what way will copper wire submerged in a bath of mercury be affected by the latter, particularly whether it will be dissolved.

(8364) H. E. H. asks: Metal roofed dwellings are so common here as to be almost the rule for all except the more pretentious ones. I have never known of one being struck by lightning, and have considered them practically immune from damage by lightning stroke.

(8365) F. S. asks: Can you inform me in your Notes and Queries column of an insulating composition something like marble, hard, but not brittle, that can be molded, pressed or cast to shape in weights under one-half ounce, to take the place of fiber?

(8366) E. E. W. asks: I wish to find out the cost per hour of a 25 candle power light burning kerosene, also the cost, practicality and endurance of a lamp burning acetylene gas per hour in carbide at 25 candle power.

or oxygen. If mixed with air it is very explosive. The light of acetylene is very much more concentrated and hence brighter than that of kerosene.

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INDEX OF INVENTIONS

For which Letters Patent of the United States were Issued for the Week Ending September 10, 1901, AND EACH BEARING THAT DATE.

Table listing inventions with names and patent numbers. Includes entries like 'Abdominal supporter, F. Portugal-Hirschberg', 'Automobile Engine for Business', 'High Class Hydro Carbon Motors', 'Gas Engine IGNITER', 'The Waterbury Emery Grinder', 'The Mietz & Weiss Kerosene and Gas Engine', 'The "Wolverine" Three Cylinder Gasoline Marine Engine', 'SAVE YOUR FUEL', and 'New Microscope for Nature Study'.

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Table listing various mechanical and industrial items with their respective patent numbers. Includes items like 'Cement etc., machine for cutting', 'Corner bracket', 'Coupling joint', 'Cradle, child's', 'Cultivator', 'Cut-off for cisterns', 'Cyanids making', 'Demijohn frame', 'Dental engine', 'Diffusion apparatus', 'Door, F. J. Cronin', 'Door, sliding', 'Door track', 'Drill bit sharpener', 'Dust excluder', 'Dye and making same', 'Dye, blue disazo', 'Dynamometer', 'Electric battery', 'Electric heater', 'Electric lighting by low frequency currents', 'Electric regulator', 'Electric switch', 'Electric traction road', 'Electrical conduit bushing', 'Electrical power transmission system', 'Electrical transformer', 'Electromagnet', 'Elevator', 'Embroidery hoop', 'Emergency brake', 'Engine, W. K. Riley', 'Engines, electric spark for gas', 'Envelope fastener', 'Envelope or wrapper opener', 'Etching, R. Widmann', 'Explosive engine', 'Fabric, C. A. O. Rosell', 'Farm gate', 'Fastening, dress', 'Feed water purifier', 'Fence machine', 'Fence, picket', 'Fertilizer distributor', 'File sharpening apparatus', 'Filter, J. F. Geisler', 'Finger ring expanding device', 'Finger ring mold forming device', 'Fire doors or shutters', 'Fire kinders', 'Fire lighter', 'Fire pot', 'Fireproof covering', 'Fireproof partition', 'Fire resisting door', 'Fish plate', 'Flat iron heater', 'Flier, W. A. Wilson', 'Floor or sidewalk', 'Flour, manufacture of', 'Flush tank', 'Foot rest', 'Foot switch', 'Frequency indicator', 'Funnel and strainer', 'Fur goods, manufacture of', 'Furnaces, device for introducing and distributing air to', 'Game, H. C. Pigeon', 'Garment supporter', 'Garment supporter', 'Gas, generating acetylene', 'Gas generating apparatus', 'Gas service pipes', 'Gate, W. S. Witten', 'Gate, D. Bashore', 'Gearing, changeable speed', 'Gearing, variable speed', 'Gelatin, machine for packing explosive', 'Glass articles, machine for fire finishing', 'Glass bending apparatus', 'Glass mold, blown', 'Glass tank furnace', 'Globe tester', 'Gold washer and amalgamator for placer mining', 'Grain drill seed tube', 'Grain or seed screen', 'Grinding, crushing, or feeding apparatus', 'Grinding or crushing mill', 'Gun, machine, G. Perine', 'Hair retainer', 'Hammer, fluid pressure', 'Handle, See Brush handle', 'Hank, W. Wood', 'Harp or zither, box', 'Harrow and roller', 'Hasp lock', 'Hay gathering and handling machine', 'Hay rake', 'Hay rake and cocker', 'Heat indicator', 'Hides or skins, removing hair', 'Hoof shield', 'Horse detector', 'Horseshoe', 'Horseshoe calk attachment', 'Horseshoe calk fastening device', 'Hammesfahr', 'Hose coupling', 'Hose machine', 'Ice cream molding machine', 'Incandescent burner', 'Incandescent lighting, manufacturing in', 'Index and reference indicator', 'Insulation of electric conductors', 'Internal combustion engine', 'Jar cover and clamp', 'Lamp regulating device', 'Lard cooling and mixing machine', 'Lard Sukalle', 'Latch pivots into latch needles', 'Lath, G. L. & A. H. Fairbanks', 'Lawn or garden sprinkler', 'Leather, making ornamented', 'Ledge, A. E. Partridge', 'Leg fastener', 'Lock, C. T. Thomas', 'Locket, concealed hinge', 'Locomotive boiler', 'Loom, E. H. Ryan', 'Loom, filling replenishing', 'Loom for weaving tufted fabrics', 'Loom shuttle filling carrier', 'Loom stop motion', 'Loom weft fork clearer', 'Mail bag', 'Marking the ears of animals', 'Match machine', 'Meats, curing', 'Medicated fabric', 'Mercerizing short staple cotton', 'Meter, J. S. Warde'.



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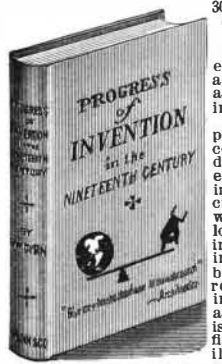
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