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 This is for our information and not for publication.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.

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Minerals sent for examination should be distinctly marked or labeled.

(7029) J. H. F. says: In looking over the SCIENTIFIC AMERICAN of May 30, 1896 (6869), I saw a formula to make a putty for picture frames. I made it by halving the formula, but find it is like rubber and does not get hard; what is the reason? I wanted to make a mould for the same, then, when hard, press some into, but could not get mould to harden. What shall I do? A. Picture frame composition.—Mix 14 pounds of glue, 7 pounds resin, ½ pound pitch, 2½ pints linseed oil, 5 pints of water, more or less according to the quantity required. Boil the whole together, well stirring until dissolved, add as much whiting as will render it of a hard consistency, then press it into a mould which has been previously oiled with sweet oil. No more should be mixed than can be used before it becomes sensibly hard. Gold size is then put on, several coats being considered necessary, then the gold leaf itself, which is burnished in course of time, and finally covered with finishing size. Make your moulds of plaster of Paris.

(7030) O. P. W. says: Will you please give me a receipt for a lacquer for brass? A. 1. Seed lac, dragon's blood, annatto, and gamboge, each 4 ounces; saffron, 1 ounce; alcohol, 10 pints. 2. Turmeric, 1 pound; annatto, 2 ounces; shellac and gum juniper, each 12 ounces; alcohol, 12 ounces. 3. Seed lac, 6 ounces; dragon's blood, 40 grains; amber and copal triturated in a mortar, 2 ounces; extract of red sanders, ½ drachm; Oriental saffron, 36 grains; coarsely powdered glass, 4 ounces; absolute alcohol, 40 ounces. Very fine. 4. Seed lac, 3 ounces; amber and gamboge, each 2 ounces; extract of red sanders, ½ drachm; dragon's blood, 1 drachm; saffron, ½ drachm; alcohol, 2 pints 4 ounces.

(7031) L. M. B. says: Will you please publish in your paper a formula for keeping the hair curled for a number of days and in damp weather? A. Use the liquid obtained by boiling, for ten minutes, 1 drachm quince seeds in ½ pint water and straining, or steep 6 ounces gum tragacanth for thirty hours in 1 gallon rose water, stirring frequently; strain through a cloth and let stand for a few days; then strain again and work into it 4 drachms oil of rose.

TO INVENTORS.

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Valve, tank supply, W. Scott 571,023
Vehicles, evener for two horse, J. Hook, Jr 571,134
Velocipede, E. Humbrecht 571,069
Velocipede lamp bracket, R. C. Whayne 571,101
Velocipede working mechanism, B. Ljungstrom 571,197
Veterinary tooth cutter, T. J. Pence 571,283
Wagon jack, J. J. Adgate 571,078
Washing machine, J. H. Estes 571,304
Water closet, J. C. Reed 571,244
Water closet bowls, venting device for, C. H. Cook 570,982
Water closet, siphon, E. C. Stover 571,026
Water wheel, Pascault & De Coursac 570,951
Wheel. See Water wheel. Wind wheel.
Wheel measure, A. E. Remus 571,313
Wheels, detent for ratchet, W. D. Marks 571,050
Wheels, machine for making rims for pneumatic, J. Banwell 571,080
Whist apparatus, duplicate, R. M. Bent 571 185
Wind wheel, J. L. Thompson 571,056
Window, O. M. Edwards 570,916
Window, J. Endres 570,918
Window, M. W. Neuens 570,948
Wire fabric machine, W. C. Avery 571,079
Wire fastener, J. C. Kremer 571,271
Wire reel, C. H. Faut 570,920
Wire reel, F. Forsberg 571,156
Woodworking machine, D. Bullock 571,186
Wrench. See Nut wrench.
Yarn testing machine, M. H. Tomkins 570,970

DESIGNS.

Bicycle frame, E. N. Gates 26,263
Brush back or similar article, W. C. Codman 26,250
Erasing plate, V. Copland 26,251
Fire extinguishers, distributer for, W. Esty 26,254
Fire extinguishers, yoke for automatic, W. Esty 26255
Hammock support, I. E. Palmer 26,258
Hook, garment, E. T. & F. A. Smith 26,259
Match box, A. N. Clark 26,252
Sprinkler, W. Esty 26,253
Stove, cooking, H. W. Beattie 26,262
Stove shelf section, H. W. Beattie 26,261
Tack, curtain, C. M. Numan 26,260
Valve support, W. Esty 26,256

TRADE MARKS.

Kentora Brewery Company 29,142
Bicycles and tricycles, E. B. Willcox 29,154
Billiard and pool balls, Albany Billiard Ball Company 29,149
Boots and shoes, Rice & Hutchins 29,121
Cement for rubber goods, especially for bicycle tires, J. E. McWilliam 29,137
Cocoa, H. Maillard 29,143
Corsets, Weingarten Brothers ..... 29,123 to 29,125
Cotton goods, such as bedspreads, bedquilts, counterpanes, and other Jacquard woven goods, except towelings, Monadnock Mills 29,128
Crackers, wafers, and malt extracts, Potter & Wrightington 29,140
Cycles, velocipedes, bicycles and tricycles, J. Aucoc et Darracq 29,153
Dolls, kid body bisque head, Firm of J. D. Kestner, Jr 29,129
Electrical apparatus, certain named, Chemisch-Elektrische Fabrik "Prometheus" Gesellschaft mit Beschrankter Haftung 29,150
Embalming fluids, Embalmers' Supply Company 29,130
Flour, wheat, Pearl Roller Mill Company 29,147
Garments, ready made, M. B. Brummer 29,126
Graphite and its products, United States Graphite Company 29,138
Guns, shot, Winchester Repeating Arms Company 29,156
Italian cloths, serges, silks, velvets, bindings, braids and linings, Lesher, Whitman & Company 29,127
Kola and malt for foods and beverages, compounds of, Thomson & Taylor Spice Company 29,141
Lactate of silver, citrate of silver, and all pharmaceutical preparations of silver, Chemische Fabrik von Heyden, Gesellschaft, mit Beschrankter Haftung 29,133
Lamps, fixtures for incandescent gas, L. Hartman 29,152
Lamps, gas fixtures for incandescent gas, L. Hartman 29,151
Ledgers, assessment and tax, S. R. Fairchild 29,115
Lozenges and other confectionery, Smith & Peters 29,139
Oil, olive, F. Romeo & Company 29,145
Pasteboard and boxes, cases, wrappers, envelops, and other articles manufactured therefrom, Thompson & Norris Company 29,117
Pens, L. Dreka 29,114
Plastic cementitious material, compressible tubular holders for, Boston Woven Hose and Rubber Company 29,155
Remedies for common and simple disorders, Hance Brothers & White 29,131
Saccharine compounds, artificial, Chemische Fabrik von Heyden, Gesellschaft, mit Beschrankter Haftung 29,146
Saponaceous and alkali solutions to be mixed with soap and water for cleaning purposes, E. Burst 29,136
Shoes, Jones Shoe Manufacturing Company 29,118
Shoes, Pingree & Smith 29 119
Shoes, women's, Hamilton, Brown Shoe Company 29,120
Soda and silicate of soda, caustic, Joseph Crosfield & Sons 29,134, 29,135
Sole and heel protectors, North & Judd Manufacturing Company 29,122
Tablets for colds and hay fever, also a tonic and disinfectant, W. C. Kloman 29,132
Tea, coffee, spices, baking powder, flavoring extracts, soap and starch, Jones Brothers 29,144
Tickets or contracts, coupon, Inter-State Casualty Company, of New York 29,116
Tobies, S. Ewart & Company 29,148
Tools, holders for sharpening, T. A. Lamotte 29,257

PRINTS.

"A Gallery of Celebrities," United States Playing Card Company 35

A printed copy of the specification and drawing of any patent in the foregoing list, or any patent in print issued since 1863, will be furnished from this office for 10 cents. In ordering please state the name and number of the patent desired, and remit to Munn & Co., 361 Broadway, New York. Special rates will be given where a large number of copies are desired at one time.

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