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(6725) C. F. K. asks (1) how to fasten carbon on to copper or brass so it makes a good electrical contact. A. Electroplate the carbon with copper and if necessary solder the copper or brass connections thereto. The simple contact connection should suffice. 2. How many feet of No. 23 wire (A. W. G.) have a resistance of 17 ohms? A. Approximately, 822 feet; practically, a less quantity will probably give the resistance named.

(6726) H. S. asks for the conducting power of aluminum compared with gold or copper for lightning rods or points for rods. A. The modern views of lightning protection do not make the true conductivity of the rod the only factor in its efficiency. Some consider iron as good as copper. The SCIENTIFIC AMERICAN SUPPLEMENT, Nos. 596, 906, 976, 998, and 1035, gives most excellent papers on the subject of lightning rods, and we refer you to them for fuller treatment of the subject. Price 10 cents each by mail. Aluminum has about sixtenths the conductivity of copper. It would make fairly good points.

(6727) A. W. asks how to make a simple electromagnet. A. For information concerning electromagnets we refer you to our SUPPLEMENT, Nos. 182, 777, 778, 779, 780, 781, 784, 785, 786, 788, 789, price 10 cents each by mail.

(6728) H. W. C. asks: What can I put into glue that has been dissolved in whisky but does not remain liquid when temperature gets below 70°? I do not want to use acids, as they weaken the glue. A. Try the addition of glycerine or of alcohol.

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Beverages, non-alcoholic, Cox & Company 27,772
Brushes, solid back, Ames Bonner Company 27,760
Canned green peas, Albert Landreth Seed Company 27,781
Cereals, Muscatine Oat Meal Company 27,777
Cosmetics, A. Lathrop 27,763
Currants, cleaned, Hooven Mercantile Company 27,776
Cutlery, including clippers, razor strops, and lather brushes, Hibbard, Spencer, Bartlett & Company 27,791
Egg beaters, R. Bryce 27,789
Farm implements, Hibbard, Spencer, Bartlett & Company 27,795
Firearms and sporting goods, Hibbard, Spencer, Bartlett & Company 27,793
Flour, wheat, Hicks Brown Milling Company 27,778
Gum and solidified mucilage, adhesive tablet, H. G. Smiley 27,761
Hardware and shelf hardware, articles of, Hibbard, Spencer, Bartlett & Company 27,792
Ice cream freezers, milk cans, and other household articles, Hibbard, Spencer, Bartlett & Company 27,790
Ink for marking linen, indelible, American News Company 27,762
Lamps, carbon rods for electric arc, F. Hardtmuth & Company 27,796
Limestone, crushed, Bowker Fertilizer Company 27,768
Milk, cream, and cheese, New York Condensed Milk Company 27,775
Ointment for cure of piles, C. Berkovitz 27,787
Ointments, J. L. Bull 27,786
Paint, compound for removing, C. S. Bailey 27,767
Pistols, rifles, and sporting guns, Colt's Patent Fire Arms Manufacturing Company 27,794
Purveyor's goods, J. D. Dewell & Company 27,780
Remedies for skin diseases, Knoll & Company 27,785
Remedy for indigestion, dyspepsia, and allied ailments, W. R. Warner ..... 27,782 to 27,784
Rope and twine, Standard Rope and Twine Company 27,798
Tea, H. C. Fisher 27,673, 27,774
Tobacco, chewing, J. W. Blackwelder 27,769
Toilet, powder, O. Samostz 27,764
Toilet preparations and fumigators, certain named, Colgate & Company 27,765
Washing compounds, fluid, T. H. Tabor 27,766
Whisky, Mellwood Distillery Company 27,770

DESIGNS.

Ax, W. A. Grimes 25,154
Boat, pleasure, W. H. Mullins 25,159
Button, A. Shuman 25,136
Carpet, A. Bunel ..... 25,161 to 25,163
Carpet, N. S. Stewart 25,164, 25,165
Chair, student's, H. E. Hunter 25,157
Eraser, O. C. & C. W. Hackett 25,137
Fastener, F. S. McKenney 25,138
Hamper, clothes, A. Probola 25,158
Jar, packing, Sherwood & Hunter 25,166
Kneader, bread, L. J. Strang 25,167
Lamp base, L. Hornberger ..... 25,141 to 25,145
Letter, sign, P. Stevens 25,156
Lock or latch case, H. R. Towne ..... 25,150 to 25,152
Oil guard, J. A. Giles 25,146
Plate, child's, C. L. Wagandt 25,140
Saddle seat, Bates & Dey 25,153
Stoves, high shelf for, King & Kennedy 25,155
Table cover, etc., C. Forrester 25,160
Table vessel, L. W. Sweet 25,139
Toy cap exploder, E. R. Ives 25,147, 25,148
Yoke book, neck, G. A. & F. O. Gregerson 25,149

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 25 cents. In ordering please state the name and number of the patent desired, and remit to Munn & Co., 361 Broadway, New York.

Canadian patents may now be obtained by the inventors for any of the inventions named in the foregoing list, provided they are simple, 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.

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