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(7523) C. A. M. asks: 1. Have you published drawings, dimensions, and descriptions of a projection lantern? If not, can you recommend some small handbook with such? A. See Scientific American. No. 8, vol. 61, and 25, vol. 58. Also Scientific American Supplement, Nos. 847 and 889. price 10 cents each by mail. 2. Where can I find descriptions and formulas for the manufacture of carbon paper? A. See Scientific AMERICAN SUPPLEMENT, No. 1144, price 10 cents by mail. 3. What is the candle power of a Welsbach burner, and can one get stronger ones than the ones ordinarily used? A. We should estimate the light to be from 25 to 40 candles. We do not know that any size is made. 4. What is the candle power of a petroleum burner with one flat 21/2 inch wick and with more than one wick? A. Such a wick may give 30 candles. A lamp with two wicks is generally used, the wick set obliquely to the line of collimation. More than two wicks are not advised, since the consumption is less perfect, the light less white, and the odor very much stronger. 5. Would it not be advantageous to use more than one lamp, and should they be placed one behind the other, or abreast? A. No; but if used, place them one behind the other.

(7524) W. T. B. asks: 1 Would it be practical to attempt to convert the small hand dynamo described in SUPPLEMENT, No. 161, to a plating machine? A. We do not advise the winding of handpower dynamo for plating. Its output would be about the same as that of a plating battery, while it is not possible to drive it by hand for the time necessary for plating. 2. Has there ever been an article written in your paper on the con struction of a plating machine? A. Supplement, No. 793, rrice 10 cents, contains the necessary changes to adapt the 8 light dynamo for plating. 3. Is there any method of removing finger spots on Russia sheet iron pipe? A. Rub the spots with alcohol on a rag to clear the grease, and then rub with dry stove polish or graphite.

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INDEX OF INVENTIONS

For which Letters Patent of the United States were Granted NOVEMBER 15, 1898,

AND EACH BEARING THAT DATE

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

Buckle, J. L. Perkins, 1014,179
Buildings, instrument for determining angles in framing, W. W. Bouldry. 614,259
Burner. See 611 burner.
Burner and globe, J. Walsh 614,148
Cable grip, J. Frigard 614,389
Cane, flag, J. Schumm 614,277
Canopy for bicycles, etc., folding, A. S. Burnham 614,267
Car coupling, W. A. Horrall 614,267
Car coupling, C. Patton 614,277
Car indicator, G. W. Tallman 614,143
Car propulsion, W. M. Farrar 614,095
Car switch shifting mechanism, electric, J. P. W. Roach 614,133

Drill See Track drui.
Drill brace. O. Granum.
Dropper. See Hill dropper.
Drying cylinder for textile machinery, J. Butterworth.
Dust collector. O. M. Morse.
Dye and making same, disazo, Israel & Kothe.
Dynamometer, traction, E. A. Uehling.
Edger and trimmer, combined, J. Coleman.
Egg tester, L. L. Pletcher.
Electric accumulator, F. Pescetto.
Electric meter, L. Gutmann.
Electric surface conductor, intermittent, F. Burger.

ggr.
Elevator lock stop, C. A. Ferguson
Elevator safety hatchway, R. G. Yonge
End gate, E. E. Hanken.
Engine. See Carding engine. Rotary engine.
Eyeglass frame, C. C. Davis.
Eyeglass or spectacle frame, I. Fox.
Fabric. See Knitted fabric.

Fence M. Gleason.
Fence ost and brace therefor, combined, F. L.
Free post and brace therefor, combined, F. L.
Free post and brace therefor, combined, F. L.
Free post and brace therefor, combined, F. L.
Free spacer, wire, E. M. Crouch.
Filter, J. R. Siebe.
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(Continued on page 350)

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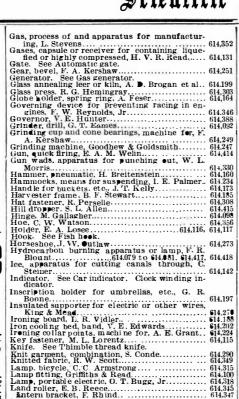
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Land roller, E. B. Reece.

interu bracket, F. Rhind.
Lanteru, dark, R. M. G. Phillips.
Latch, gate, C. E. Baldwin.
Latch, gate, C. E. Baldwin. Latch, gate, C. E. Baldwin. 614,072

Latch, gate, Moore & Hess. 614,062

Latch, gate, Moore & Hess. 614,406

Lathes, feed mechanism for clothes pin, M. Lear. 614,113

Lemon squeezer, J. L. Easley. 614,213

Light for sidewalks, etc. J. Jacobs. 614,327

Linotype machine. • Mergenthaler ... 614,229, 614,230

Liquid pasteurizing or sterilizing apparatus, G. 12

Loots and key A. H. Wormald. 614,157

Lemon squeezer, J. L. Easley. 614.374
Light for sidewalks. etc. J. Jacobs 614.324
Light for sidewalks. etc. J. Jacobs 614.229
Liquid past eurizing or sterilizing apparatus, 6
Light past eurizing or sterilizing apparatus, 6
Lock and key. A. H. Wormsald. 614.157
Locking apparatus coin controlled, F. Pope 614.344
Loom shuttle changing mechanism, Crompton & Wyman. 614.360
Lubricating device, vehicle, W. Moller. 614.340
Lubricating device, vehicle, W. Moller. 614.340
Lubricating device, vehicle, W. Moller. 614.340
Magnets of dynamo machines, arrangement for exciting, M. Deri. 614.330
Match composition, Sevene & Cahen. 614.363
Match safe, V. Humann. 614.363
Match safe, V. Humann. 614.363
Match safe, V. Humann. 614.364
Match shint feeding mechanism, J. P. Wright. 614.314
Matchers, device for setting up, C. Schoen. 614.1314
Matchers, device for setting up, C. Schoen. 614.129
Meter. See Electric meter. Gas meter. 614.229
Motion, device for thawing earth for placer, F. 614.227
Moulding press, H. A. E. Smith. 614.239
Motion, device for converting, C. Stafford. 614.414
Motor. See Current motor. 611 or similar motor. Music leafturner. W. De Ramus. 614.239
Motion, device for converting, C. Stafford. 614.314
Motor. See Current motor. 611 or similar motor. 614.329
Motion, device for converting, C. Stafford. 614.314
Motor. See Current motor. 611 or similar motor. 614.329
Motion press, H. A. E. Smith. 614.239
Motion, device for converting, C. Stafford. 614.312
Motor. See Current motor. 611 or similar motor. 614.329
Motion, device for converting, C. Stafford. 614.331
Motor. See Current motor. 611 or similar motor. 614.332
Motor. See Current motor. 611 or similar motor. 614.332
Motor. See Current motor. 614.331
Motor. See Current motor. 614.332
Motor. See Current motor. 614.336
Motor. See Current motor. 614.336
Motor. See Current motor. 614.336
Motor. See Current motor. 614.337
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