

Notes and 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 This is for our information and not for publication.

(9408) M. H. M. says: 1. Please explain how the current of a magneto generator rings the bells on the telephone.

(9409) F. B. C. says: Please send me some information in regard to taking the temperature of conductors, for accurate resistance tests; I have volumes of electrical engineering, but there seems to be nothing definite about it in them.

(9410) H. L. asks: Could atmospheric electricity (lightning) and the electricity in the ground be classed as opposite currents, that is, if a storage cell could be made large and strong enough and one pole of said cell were connected with the earth and the other pole connected to a rod on the top of a tower, would a discharge of lightning coming in contact with the rod in the air, charge the battery or would the current run right through the battery into the ground?

INDEX OF INVENTIONS

For which Letters Patent of the United States were Issued for the Week Ending June 7, 1904.

AND EACH BEARING THAT DATE [See note at end of list about copies of these patents.]

Table listing inventions with patent numbers and names of inventors. Includes items like 'Acids, making fatty, W. Connstein', 'Adding machine type writing attachment', 'Air brake, J. P. Kelly', etc.

'Star' Foot and Power Screw Cutting Lathes. FOR FINE, ACCURATE WORK. SENeca FALLS MFG. CO. 695 Water Street, Seneca Falls, N. Y., U. S. A.

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GIANT STEAM SHOVELS. Toledo Ohio, U.S.A. The Vulcan Iron Works Co.

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Screw Cutting Back Geared Lathes \$35 and up. Write us, we will interest you. The Carroll-Jameson Machine Tool Co. BATAVIA, OHO, U. S. A.

Kerosene Oil Engine. Nothing but Kerosene Oil to run it. Simple, Safe and Efficient. Needs little attention, is less likely to get out of order, and is cheaper to run than any other engine manufactured. Economical and Easily Operated. International Power Vehicle Co. Stamford, Conn.

Table listing inventions with patent numbers and names of inventors. Includes items like 'Dial sinking, C. B. Nichols', 'Dike, submerged, D. Neale', 'Distribution system, W. M. Scott', etc.