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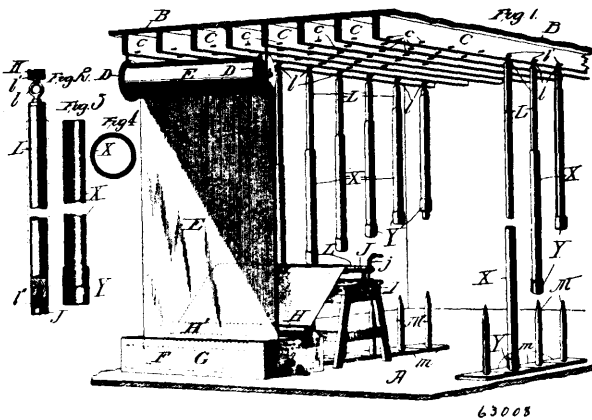
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INVENTIONS PATENTED.

NOTE.—Patents are granted for 18 years. The term of years for which the fee has been paid, is given after the date of the patent.

No. 63,008. Method of and Apparatus for Making Electrical Insulation Conduit. (*Méthode et appareil pour la fabrication de conduits électriques isolés.*)



The Lithosite Manufacturing Co., assignee of Hugo Gallinowsky, all of St. Louis, Missouri, U.S.A., 2nd May, 1899; 6 years. (Filed 15th February, 1898.)

Claim.—1st. The herein described method of making insulation conduit, the same consisting in treating a fibrous material by immersing the same in a cementitious substance, winding the fibrous material so treated on a mandrel, and then hanging said mandrel up by one end permitting the fibrous material to slip off by reason of its own gravity, substantially as described. 2nd. The herein described method of making electrical conduits, the same consisting in winding a fibrous material treated with a cementitious substance on a suitable mandrel, placing a hardened collar on one end of said green conduit, then suspending the mandrel, so that the green conduit will slip off of the same by gravity, the hardened collar on the end of the green conduit acting as a base or support, and preventing the end of the green conduit from becoming upset or marred, substantially as described. 3rd. The herein described apparatus for making insulation conduits, the same comprising suitable stocks, and a mandrel having a hook or eye formed on one end with a centering device beyond said hook or eye, and a locking device at the other end of said mandrel, substantially as described.

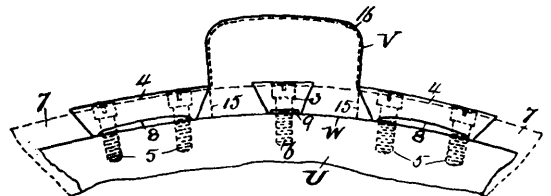
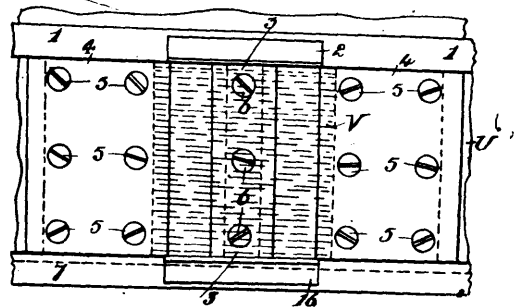
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No. 63,009. Process of Manufacturing Cement.
(*Procédé pour la fabrication du ciment.*)

The Lithosite Manufacturing Co., assignee of Hugo Gallinowsky, all of St. Louis, Missouri, U.S.A., 2nd May, 1899; 6 years. (Filed 15th February, 1898.)

Claim.—1st. The herein described process of making cement, the same consisting in reducing mother liquor of sea water by evaporating the water therefrom, adding magnesium oxide, subjecting the mass to heat to drive off water, and then grinding or mixing calcined magnesite with the roasted mass, substantially as described. 2nd. The herein described process of making cement, the same consisting in steaming mother liquor of sea water reducing the same adding magnesium oxide to the steamed mass, heating this mixture to drive off as much water as possible, which produces soft and porous lumps, and then grinding these lumps with calcined magnesite, substantially as described. 3rd. The herein described process of making cement, the same consisting in taking chloride of magnesium, adding oxalic acid or oxalate of ammonia to neutralize any calcium chloride which may be present in the chloride of magnesium, and grinding said chloride of magnesium with magnesium oxide and calcined magnesite, substantially as described. 4th. The herein described process of making cement, the same consisting in heating mother liquor of sea water to reduce the same, adding boric acid which results in a double salt, and grinding the two salts so formed with calcined magnesite, substantially as described. 5th. The herein described process of making cement, the same consisting in grinding sulphate of magnesium and sulphate of aluminium with calcined magnesite, substantially as described.

No. 63,010. Dynamo Electric Machine.
(*Machine dynamo électrique.*)



The Stanley Laboratory Co., Pittsfield, Massachusetts, U.S.A., 2nd May, 1899; 6 years. (Filed 25th January, 1898.)