

*March 11, 1879.*

213,087.—H. BACON, and 213,107, THOMAS P. HALL. *Manufacture of artificial stone.*

213,142.—*Preventing galvanic actions in the manufacture of malt liquors.* H. STRATER, JR., and H. H. RUETER.

Those parts of an apparatus, which, by the different nature of their material, would induce a galvanic current, are insulated by the interposition of substances that are non-conductors of electricity.

213,189.—*Manufacture of prussian blue.* LEOPOLD GRAF.

Leather scraps are dissolved in caustic alkali, and this solution evaporated to dryness. The dry residue is treated in the ordinary way for the production of a ferrocyanide, from the solution of which the prussian blue is precipitated.

*March 18, 1879.*

213,294.—*Apparatus for obtaining dry ammoniacal gas.* F. M. McMILLAN.

Claim: The combination and arrangement of a retort, a worm or condenser, a trap-receiver and drying chambers.

213,319.—*Coating metals.* A. B. and W. P. BROWN.

In preparing metals for plating or coating with other metals, the surfaces to be cleansed are treated with a solution of alkaline phosphates, instead of acids.

213,342.—*Varnishes.* J. D. MEIGHER.

Consisting of "the distillate of crude petroleum," rosin, crude petroleum, paraffine, soft water, sal-soda or other alkali, and gum-shellac.

213,381.—*Processes and apparatus for separating common salt from its solution.* L. BEMELMANS.

Claims that fine crystals, of uniform size, are obtained by effecting the crystallization of the salt in a concentrated solution of deliquescent chlorides. Mechanical means are employed for the continuous removal of the precipitated salt.

213,431.—*Medical cigarettes.* F. I. KOCHERT.

The filling of this cigarette consists of a mixture of cubeba and tar-oil.

213,459.—*Manufacture of Portland cement.* CHAS. H. SLICER.

The ingredients are ground oyster shells, raw or burned, and siliceous clay

213,460.—*Manufacture of oyster-shell lime.* CHAS. H. SLICER.

Oyster shells are burned and ground to a fine meal.