

pole? A. But little has been observed there. There is a continent probably, and there are volcanoes, one at least an active one. The prospects for an expedition thither are now very favorable.

(2939) J. B. G. asks how to treat water that has the alkali in it so that it will not taste of the alkali matter which is present. Boiling is sometimes efficacious, or the same result may be attained by adding the proper amount, to be determined for each case, of lime water. Its effects on the system, if used without treatment, cannot be told without analysis, and even then they will vary with different persons.

(2940) W. H. M.—The number of feet per ohm of copper wire of the sizes given is as follows (Am. W. G.):

Table with 5 columns: No., 14, 16, 20, 22. Rows for feet per ohm and feet per ohm.

(2941) A Reader asks if soap has ever been successfully made from petroleum and soda. A. It has never been done. Petroleum oil can be mixed with soap, but will not serve as a basis.

(2942) W. A. K. asks for an article that is pliable yet tough, similar to rubber, that will stand hot water or steam. A. Leather will stand for some time. A proper grade of India rubber would be best.

(2943) L. K. P. asks if there is any acid of any kind used in the making of ice, so that there would be any remaining in the ice. If so, what kind is it, and is it injurious to a person using the ice? A. No. Any chemicals used are kept absolutely separate from the ice. Artificial ice is perfectly healthy and pure.

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INDEX OF INVENTIONS

For which Letters Patent of the United States were Granted

March 24, 1891,

AND EACH BEARING THAT DATE.

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

Table of inventions with descriptions and patent numbers, including items like Addressing machine, Air brake, Alarm, etc.

Table of inventions with descriptions and patent numbers, including items like Clasp, Cleaner, Clipper, Clock, etc.

Table of inventions with descriptions and patent numbers, including items like Lanterns, Latch, Lathe, etc.

Table of inventions with descriptions and patent numbers, including items like Stamps sold and canceled, Stand, Station indicator, etc.

TRADE MARKS.

Table of trade marks with descriptions and patent numbers, including items like Bicycles, tricycles, and parts thereof, Bicycle Manufacturing Company, etc.

DESIGNS.

Table of designs with descriptions and patent numbers, including items like Bottle, H. Coleman, Jr., Carpet, R. F. Doherty, etc.