

rounding it, and if these lines pass through a dielectric, no current is created by them, and their existence is revealed by a polarized needle, etc. Your impression is a wrong one.

(2168) E. V. N. asks: 1. Has the storage battery proved a success as a motor in aerial navigation, bicycling, carriages, etc.? A. No; it is too heavy. 2. What is the weight of such an apparatus compared with the power developed in horse power? A. A cell weighing 125 pounds gives energy at the rate of 70 watts, equal to a little over one-eleventh horse power. 3. Where can data on the subject be had? A. The companies dealing in and making accumulators will supply data of different sized cells. 4. What is the weight of a gas meter compared with the power produced in horse power? A. A 1 horse power gas engine will weigh about 1,000 lb.; the large will weigh less in proportion. 5. What is the consumption of gas per horse power? A. From 25 cubic feet upward. 6. What is the usage in determining the amount of storage necessary in a storage battery to develop a given power for a given length of time? A. Practical considerations affecting the duration of the plates are the basis.

(2169) G. J. L. writes: I would like to make a lotion such as the dermatologists use in removing freckles or tan.

- A. White soft soap.....3 oz.
Gum mucilage thick and clear.....4 "
Finest pale honey.....6 "

Mix thoroughly in a mortar, add the yolks of 5 eggs previously beaten and strained through gauze, add slowly oil of almonds (scented to taste) 2 1/2 pounds. When perfectly mixed add pistachio milk (made from fresh-peeled nuts and rose water) 1/4 pint, and rub up until completely mixed. This is corrosive, and acts by removing the outer cuticle.

(2170) A. P. F. writes: Will you state the ingredients, with their proportion, for forming a pickle commonly used in preserving cucumbers, mixed pickles, etc.? A. Put, after washing and drying, into boiling vinegar, add some salt, a handful to a three gallon jar, let cool. Boil up the vinegar alone every third day, and pour on the pickles until the cucumbers turn green, then add ginger and pepper to suit the taste.

(2171) A. M. G.—The plant sent for name is the common liver leaf—Hepatica triloba.

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April 22, 1890,

AND EACH BEARING THAT DATE.

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