

PLANTS AND LIGHT.

Results of Constant Exposure to the Rays of Electric Lamps.

NEW DESIGNS FOR LETTER BOXES.

Miniature Incandescent Lamps Can Be Thrust Into the Stomach.

THE MARKINGS ON THE FINGER TIPS

Further specific information on the effect of electric light on plants is afforded by the results of recent experiments at Cornell University. The general effect of the naked light running all night was to hasten maturity, especially in the case of leaf plants, such as lettuce, spinach, etc., which ran to seed before edible leaves were formed.

Tests were then made with a view to discovering whether the injury to the plants resulted from the electric light itself or from the fact that the plants received light during the whole 24 hours. The plants were covered during the day in such a manner as to entirely exclude the light, while permitting a free circulation of air. Radishes subjected to this treatment were slender and stinky, assumed a faint green color and died in three or four weeks.

It has been assumed, in view of the great development of steamship traffic, that sailing vessels would eventually disappear. This assumption is fallacious. One of the most marked features in shipbuilding during the past few years has been the distinct revival of the use of sailing ships and the building of some of the largest sailing ships afloat.

Automatic Letter Deliverer. An ingenious contrivance for distributing letters or parcels to the different flats of large buildings has been invented by a German mechanic.

Electricity in Mining. The members of an English mining institute recently visited the Moche mine in Belgium.

Electric Buttonhole Lamps. The great omnibus strike in London is said to have developed the use of a modification of the scarf electric lamp.

Prevention of Scurvy. In a discussion in the Locomot on the best methods of preventing scurvy on board ship, an excellent specific was recalled.

Oil From Cotton Waste. The patented process for the extraction of oil from cotton waste by subjecting the material, while immersed in an alkaline liquid, to alternate squeezing and distension in a specially constructed apparatus, is coming

Value of Metallic Sleepers. The injury of metallic sleepers from corrosion has been greatly overrated. Even in the damp climate of the Netherlands the loss from corrosion does not, it is said, exceed 4 per cent in 20 years.

Improvement in Lamps. Of late years the keen competition in the lamp trade has led to great improvements in the supply of oil and when set going pumping of these latest is a spray lamp, that gives a light of from 500 to 5,000 candle-power, as may be required, by the simple turning of a knob.

Defects in Lined Oil. In a paper read before the Society of Arts, England, on the durability of paintings with oils and varnishes, A. P. Laurie showed that lined oil cannot be relied on to protect a surface from moisture, as it absorbs water from the air.

New Insulating Material. A new material possessing improved insulating properties is composed of sulphur, 7 pounds; pipeclay, 1 1/2 pounds; slate dust, 1 1/2 pounds; paraffine wax, 3 ounces, and a variable quantity of oxide.

Atmospheric Electricity. An interesting reproduction of Benjamin Franklin's historical experiment with the kite, under somewhat different conditions, has been carried out at the Bino Hill Observatory by Alexander MacAdie.

Scrofula. eczema, tetter, boils, ulcers, sores, rheumatism, and catarrh, cured by taking

AYER'S Sarsaparilla. It purifies, vitalizes, invigorates, and enriches the blood.

Has Cured Others will cure you.

place by a lamp, should this become necessary for instance, in case of moose disease. The tiny lamp already mentioned is also mounted on a laryngoscope, and is thus of great value in the treatment of infectious diseases.

The Sponge Industry. The sponge industry, which for many years was centered in the Bahamas, is rapidly developing along the southern coast of Florida. It is found that the sponges growing along the Florida coast are much superior to the Bahama sponges.

The Future of Sailing Ships. It has been assumed, in view of the great development of steamship traffic, that sailing vessels would eventually disappear. This assumption is fallacious.

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are now compulsory on all omnibuses, and their examination entails the employment of an army of inspectors. At night this is difficult, and the inspectors have had recourse to a small electric buttonhole lamp, which is worked by a pocket battery. On asking for the passenger's ticket the inspector has only to touch the battery, and a vivid light reveals the number and particulars of the printed slip.

The Perception of Color. Dr. L. Webster Fox is of opinion that savage races possess the perception of color to a greater degree than do civilized races. After examining 100 Indian boys Dr. Fox found no case of color blindness.

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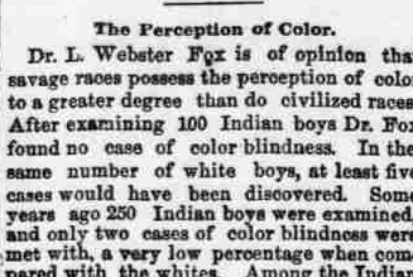
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into general use in England. The spent lye can be utilized by soap boilers, while the freedom of the waste from oily matter renders it again fit for use.



A Childlike Confidence—in the efficacy of Carlsbad Sprudel Salts is universal throughout the world. Nature's remedy for Constipation, Rheumatism, Kidney Troubles, Diabetes, Fatty Degeneration and all Liver Troubles.

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The genuine have the signature of "Eisner & Mendelson Co., Sole Agents, New York," on every bottle.

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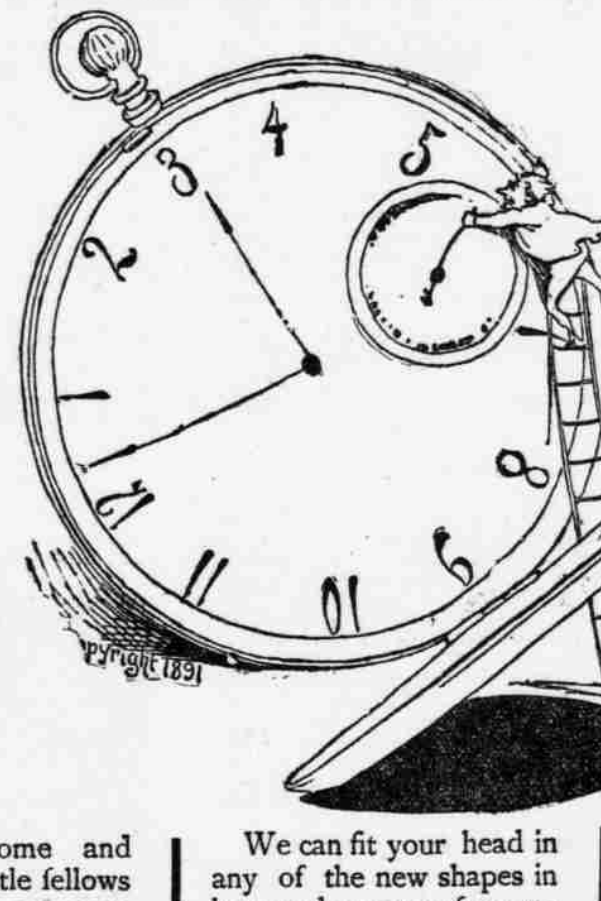
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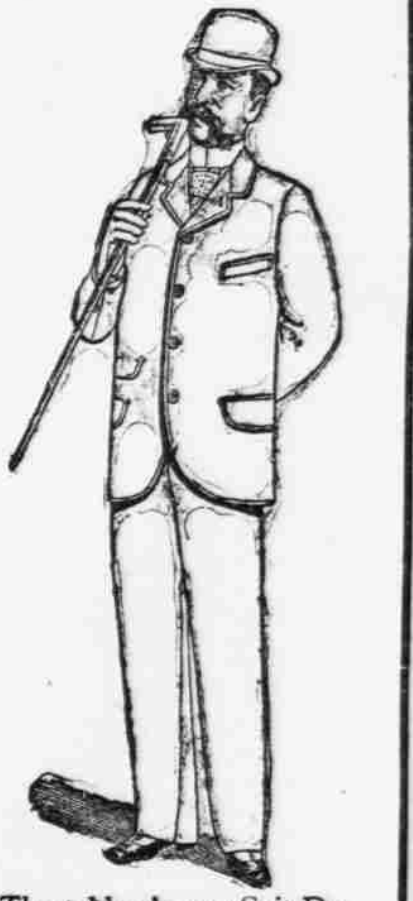


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