

The Oregon Register

LAFAYETTE OREGON.

JANUARY 13, 1888.

SCIENTIFIC MISCELLANY.

COLOR AND NERVE.

Curious effects are known to be often produced by colors on persons and animals. The sight of an obnoxious color may induce an attack of hysterics, nausea, or a headache, or it may cause a violent fit of temper. The offending color is sometimes blue, sometimes yellow, but oftener red or scarlet. Scientific attention is being directed to these phenomena.

A remarkable engineering feat has been successfully accomplished at Gokak, India, where the 750 horse power of three turbines is transmitted by rope gearing 739 feet away, the first 300 feet being up the face of a perpendicular cliff.

Archaeologists have traced the wedding ring to the earliest times. It has been made of gold, silver, copper, brass, iron, tin pewter, lead bone and wood.

CO-OPERATION OF THE SENSES.

Some curious experiments have led Dr. Urbanschitsch, of Vienna, to the conclusion that the exciting of one sense-organ increases the acuteness of the others, the different sensations seeming to reinforce one another. Hearing a sound will bring out the just indistinguishable color of a distant disc. The ticking of a watch is heard more plainly with open than closed eyes, the fact that we listen to music or speaking with the eyes closed being due to other reasons. The sight of red and green increases perceptions of sound; that of green and red weakens them. These colors affect sensations of smell, taste and touch in like manner. Touch and temperature act reciprocally. When the skin is tickled and plunged into warm water, the tickling ceases; when into cold the tickling brings out the feeling of cold. These observations offer an explanation of the singular associations between colors and sounds that some individuals retain.

Three new vessels of the Italian navy—Re Umberto, Sicilia and Sardegna—are each to be provided with engines to develop the enormous force of 22,800 indicated horse power. Previous to 1881 the greatest power put into one ocean vessel was about 8,000 indicated horse power but the Italians now have two vessels of 18,000 indicated horse power each.

A new tanning agent, called pyro-fusine, has been extracted from coal-dust by means of caustic soda. The tanning process is somewhat complicated, but it is claimed to be fifty per cent. cheaper than the bark process, and twenty to thirty per cent. cheaper than the alum process.

Dr. F. Nansen, of the Bergen museum, proposes crossing Greenland's interior next summer on the snow runners which gave such remarkable progress during Nordenskjöld's last trip. Baron Nordenskjöld is himself confident of the success of this attempt to traverse Greenland's ice.

LEAKS IN FARMERS' FURNES.

Among the sources of preventable loss to British agriculturists, Prof. W. Freame mentions the following: The imperfect working of the soil, which is a very common cause of failure; the use of bad seeds, or those mixed with seeds of weeds and parasites; the encouragement of weeds which not only rob the soil but nourish insect pests that may be awaiting the more valuable plants; the deterioration of grass-lands, which embrace three-sevenths of the area of the British isles; and of the nature of whose herbage ninety-nine out of a hundred

red farmers are utterly ignorant; the insect and fungi pests, whose maintenance is often a severe drain; the diseases of live stock, some of which may be prevented or greatly reduced; and injudicious expenditure. The need of the British farmer, Prof. Freame concludes, is sound technical instruction in agriculture, whereby his losses would be greatly lessened and his gains correspondingly augmented.

A London coroner has raised the question whether a man can cough himself to pieces. A broken rib was found in a deceased lunatic, when medical evidence was brought forward to show that under certain abnormal conditions bones may be broken by muscular efforts, or even by a violent fit of coughing.

A commission of the Paris academy of medicine finds that hydro-floric acid, which is highly antiseptic, has a therapeutic action when inhaled. It dissents, however, from the opinion of glass-workers that the inhalations cure consumption, but considers that they may be useful in diphtheria.

Astronomy is likely to have a "boom" in the United States. Among the institutions that have projected or just completed new observatories of importance are Iowa college, Carleton college, Smith college, Lake Forest university and Bates college.

Sir John Lubbock's oldest queen ant has reached the age of fourteen, and still lays fertile eggs.

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To citizens of the Pacific states during the past week, and reported expressly for this paper by C. A. Snow & Co., patent lawyers, opposite U. S. Patent office, Washington, D. C.:

N. S. Parker, Salem, Oregon, two wheeled vehicle; California—F. Rinder, Alameda, chair back and head rest; S. R. Deacon, Los Angeles, means for securing a sash in window frames; W. Dunham, Igo, cable railway channel; J. Grider, Stockton, grain separator; G. Hunziker, Cloverdale, apparatus for distilling wood; C. S. Mason, Orange, music chart; P. Selby, Oakland, wad sorting machine.

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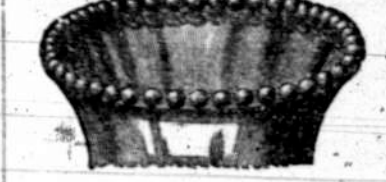
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that said proof will be made before the

judge or clerk of Tillamook county, Ore-

Tillamook, Oregon, on Saturday, January

1888, viz:

Otel Sundin,

Homestead entry No. 4,555, for the E 1/4

and W 1/4 of NE 1/4 of section 14, T 1 S. R 1 W.

He names the following witnesses in

his continuous residence upon, and culti-

said land, viz: W. G. Kelso, J. W. Latimer,

Joan and J. Davidson, all of Tillamook

place, in Tillamook county, Oregon.

W. T. BROWN

1887.

Notice for Publication

LAND OFFICE AT OREGON CITY,

Oregon, Nov. 23rd, 1887.

Notice is hereby given that the

named settler has filed notice of his in-

make final proof in support of his claim

that said proof will be made before the

judge or clerk of Yamhill county, Ore-

Lafayette, Oregon, on Saturday, January

1888, viz:

Joseph Martin,

Homestead entry No. 6366 for Lots 14

and 3 of Sec. 34, Tp. 3 S. R. 2 W.

He names the following witnesses in

his continuous residence upon, and culti-

of said land, viz:

Wm. Wilson and F. S. Keys, of Du-

N. Wall and N. Carlin, of Lafayette, all

hill county, Oregon. W. T. BROWN

1887.

Notice for Publication

LAND OFFICE AT OREGON CITY,

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that said proof will be made before the

judge or clerk of Yamhill county, Ore-

Lafayette, Oregon, on Saturday, January

1888, viz:

Chas. D. Chandler,

homestead entry No. 6364 for the E 1/4

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