

SCIENTIFIC AND SANITARY.

In Brockton, Mass., the festive inhabitants charter the electric cars for afternoon and supper parties. Boards for a table are placed on the backs of the seats in the middle of the car.

So numerous are the electric launches on the Thames that floating charging stations containing a dynamo plant ply up and down the river ready to charge the accumulators of six launches at once.

An electric wire breaking in a mine will frequently give forth a spark, thus exploding the dangerous gases. A recent invention is a safety mining cable, which can be torn apart without spark, arc or flame.

ANOTHER link in the chain of submarine cables round the coast of Central and South America has been established by the completion of the system of the Societe Francaise des Telegraphes Sous-Marins between the West Indies and Brazil. This places the United States and Brazil in closer telegraphic communication than they have been before.—*Electrical Review*.

MRS. FRENCH SHELDON, the English explorer, suffered greatly from her trip into the interior of Africa, and is said to be but a shadow of her former self. She was not only ill, but at one point in her journey one of the bearers of her palanquin slipped, and she was precipitated down a rocky embankment into a river, receiving severe bruises and being nearly drowned.—*Harper's Weekly*.

It is said that the ingenious Mr. Naye-mura Sakusaboro, the Japanese druggist, has made excellent success of his experiment of converting wild hemp into a textile impossible to distinguish from silk. Many trials were made at first of the hempen thread at various silk-weaving manufactories in Kioto and elsewhere, and the reports were that "the web had a luster, beauty, and softness, and more than the durability of silk, while the plant as it grows is much cheaper than the slow and expensive product of the silk worm."—*Pittsburg Dispatch*.

A NEGLECTED case of cold in the head may cost you your life. Why run the risk when Nasal Balm offers you a speedy relief and certain cure. Sold by all dealers. Try it.

To prevent accidents from the Lauffen-Frankfort cable, which transmits a deadly current of 25,000 volts, all the poles for the 112 miles are adorned with skulls and crossbones surmounted with a warning notice.

WOULD you like to exchange your sallow cheeks for those glowing with health's roses? Then try Dr. Williams' Pink Pills. They rebuild the system and make life as bright as childhood's dream.

"August Flower"

What Is It For?

This is the query perpetually on your little boy's lips. And he is no worse than the bigger, older, balder-headed boys. Life is an interrogation point. "What is it for?" we continually cry from the cradle to the grave. So with this little introductory sermon we turn and ask: "What is AUGUST FLOWER FOR?" As easily answered as asked: It is for Dyspepsia. It is a special remedy for the Stomach and Liver. Nothing more than this; but this brimful. We believe August Flower cures Dyspepsia. We know it will. We have reasons for knowing it. Twenty years ago it started in a small country town. To-day it has an honored place in every city and country store, possesses one of the largest manufacturing plants in the country and sells everywhere. Why is this? The reason is as simple as a child's thought. It is honest, does one thing, and does it right along—it cures Dyspepsia.

G. G. GREEN, Sole Man'fr, Woodbury, N.J.

THE village of Faido, on the line of the St. Gothard Railway, has an electric-light plant, erected within the past year, in which water power is used to drive the machinery. The water is stored in a reservoir, above the falls of the stream near the village, and thence is led to the power station through a 6in. cast-iron pipe. The power station is equipped with a turbine which, with the available head of 145 metres—about 475ft.—develops about 45-horse power.

A STEAMER which can be propelled on land by means of its own engine has just been constructed at the Ljunggren Engineering Works at Kristiansstad, in Sweden. It is intended for the traffic on two lakes close to Boras, which, however, are separated by a strip of land. Rails have been laid between the two lakes. The steamer, which has been christened, very appropriately, Svanen (the Swan), can run itself across from the one lake to the other. At a trial trip, if one may call it so, at the works, the vessel fulfilled the tests very well. The engine is ten horse-power, and the Svanen can accommodate some sixty passengers.

PROFESSORS RUCKER AND THORPE, in their magnetic survey of the South of England, discovered that the compass needle was attracted towards an axis or line running through South Wales and the Valley of the Thames to near Reading, and thence to Selsea Bill. This line, in fact, follows the geological axis of the Palaeozoic rocks, which presumably contain iron or magnetic iron ore. A similar magnetic axis has now been found in France, passing by Fecamp, Elbeuf, Rambouillet, and Chateau-sur-Loire, which, if prolonged, would touch the English coast near Portsmouth. The rocks of this axis in France are calcareous and cretaceous, but Professor Rucker infers from the magnetic axis that under these sedimentary rocks the Palaeozoic axis would be found uniting England to France across the Channel.—*Cassell's Magazine*.

A NEW use has been found for the electric current in purifying the atmosphere of holds of vessels, especially those that pass through the tropics. It is well known that there are sources of disease in the ship itself in the form of decaying vegetable matter, putrid bilge water and badly ventilated cabins, which tend to make the air between decks both objectionable and harmful, and numerous methods have been proposed to overcome the objection, principally by the use of chemical and germ-destroying vapours, but most of these are unsatisfactory. A French chemist has suggested the employment of electrolysis to purify the atmosphere of ships, the apparatus for this purpose consisting of a system of pipes that convey the water that has been acted upon by the electric current to all parts of the vessel, where it is allowed to escape by constant jets into basins, escape pipes, etc.

ONE of the greatest advantages accruing from the higher education of girls lies in the broader and more intelligent views of marriage which they necessarily gain from their studies. With a knowledge of the laws of heredity a woman will hardly run the risk of entailing either physical or moral weakness upon her children by union with a man of doubtful habits, however strong may be her personal feeling for him. It is upon this rock that the happiness of many a home has been wrecked. There is scarcely a community in which one may not witness the pitiful sight of a noble middle aged woman suffering untold agonies, not so much from being linked herself to a man of unworthy character, as in seeing the father's ignoble and vicious traits reproduced, and usually intensified, in the children. Mothers have shrunk from acquainting their daughters with these stern physiological facts, but the girls are learning them for themselves. The higher education also opens new avenues for self-support, so that they need not commit the blunder of marrying merely for the sake of a home.—*Fireside*.

You Take No Risk in buying Hood's Sarsaparilla, for it is everywhere recognized as the standard building-up medicine and blood purifier. It has won its way to the front by its own intrinsic merit, and has the largest sale of any preparation of its kind. Any honest druggist will confirm this statement. If you decide to take Hood's Sarsaparilla, do not be induced to buy anything else instead. Be sure to get Hood's.

Minard's Liniment Cures Dandruff.

THE most experienced railroad men feel that the possibilities of steam practice are nearly reached—much greater speed is not practicable. A maximum of ninety miles per hour, with a running speed of sixty to seventy, is all that can be hoped for under the very best condition which can be provided. The limitations are numerous and they are well known to all engineers. The maximum speed of which a locomotive is capable has not been materially increased in a number of years. The scheduled time has been shortened principally by cutting down grades, straightening curves, filling up ravines and replacing wooden structures by permanent ones of iron or stone; by the use of heavy rails, safer switches, improved method of signalling, the interlocking switch and signal system, the abolition of grade crossings; in short, by improvements in detail and management which permit a higher speed on a more extended section of road because of greater safety and the greater degree of confidence inspired in the engine-driver.—*The Forum*.

M. SCHERER, a Frenchman, has invented a clever but simple method of electrically doing to death gnats, flies, and similar pests. The only drawback is that he requires an electric battery giving a constant current. But as many hotels, public buildings, and private buildings in warm climates are now lighted by electricity, there can be little difficulty in setting up economical, effective, and perfectly safe death traps for aerial pests. His device is very simple. He takes a candle, lamp or torch and places it within a cage of metallic wire gauze. This metallic gauze is connected with the poles of an electric machine, and duly charged with the electric current. The gnats, mosquitoes, flies and wasps fly to the light, touch the electrified metal, and are instantly killed. There is no possibility of their flying about half dead, and, as in the case with certain traps, conveying poison about the place. During the day the light can be replaced by some bait, raw meat, etc., to which the insect pests fly with alacrity and meet their doom.—*London Globe*.

PROFESSOR BRUYLANTS, of the University of Louvain, is credited with a curious little experiment. He writes a word with a pencil on a sheet of paper, resting on several other sheets, from which he draws one bearing no trace of the pencil marks. On exposing it, however, over a heated capsule containing iodine, for a few minutes, the paper is seen to grow yellowish, and the letters of the word stand out of a violet-brown colour. On moistening the paper the letters appear as violet on a blue ground. M. Leconte, who gives an account of this experiment, says that it will also reveal the words effaced from paper by a correspondent. Professor Bruylants explains it on the ground that paper contains starch, and under the influence of moisture and pressure forms a slight quantity of hydramide, a substance analogous to hydrated starch, which forms at a temperature of 60 degrees C. The iodine colours the starch blue. In writing, the pressure of the pencil forces the water in the fibres of the paper, and a little hydramide is formed, which is coloured by the iodine more deeply than the rest of the paper.

THE peculiar enervating effect of summer weather is driven off by Hood's Sarsaparilla, which "makes the weak strong."

A TELEPHONE system for use in large factories has been invented, in which each telephone has its own switchboard, so that any person can communicate with any telephone on the line by simply moving a switch.

C. C. RICHARDS & Co.

Gents.—I took a severe cold, which settled in my throat and lungs and caused me to entirely lose my voice. For six weeks I suffered great pain. My wife advised me to try MINARD'S LINIMENT and the effect was magical, for after only three doses and an outward application, my voice returned and I was able to speak in the Army that night, a privilege I had been unable to enjoy for six weeks.

Yarmouth.

CHARLES PLUMMER.

THE successful transmission of a powerful current of electricity from Lauffen to Frankfort has revived interest in the suggestion to send a current of equal intensity from Niagara to Chicago.

Catarrh

Is a constitutional and not a local disease, and therefore cannot be cured by local applications. It requires a constitutional remedy like Hood's Sarsaparilla, which, working through the blood effects a permanent cure of catarrh by eradicating the impurity which causes and promotes the disease. Thousands of people testify to the success of Hood's Sarsaparilla as a remedy for catarrh when other preparations had failed. Hood's Sarsaparilla also builds up the whole system, and makes you feel renewed in health and strength. All who suffer from catarrh or debility should certainly try Hood's Sarsaparilla.

A Perfect Cure

"I have been taking Hood's Sarsaparilla for the past four years at intervals. I was troubled with catarrh, and the medicine effected a perfect cure. I take it now whenever I feel debilitated, and it always gives me immediate strength, regulates the bowels and gives an excellent appetite."—LEVI CAMPBELL, Parkersburg, W. Va.

N.B.—Be sure to get

Hood's Sarsaparilla

Sold by all druggists. \$1; six for \$5. Prepared only by C. I. HOOD & Co., Lowell, Mass.

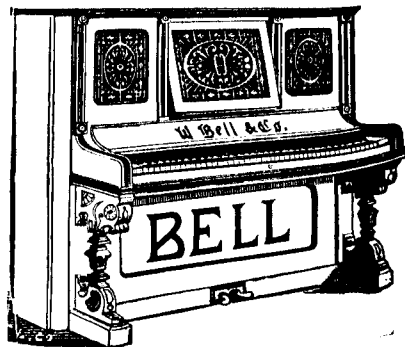
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OXYGENIZED EMULSION OF PURE COD LIVER OIL. If you have a wasting away of Flesh—Use it. For sale by all druggists. 35 cents per bottle.

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ORIENTAL CREAM, OR MAGICAL BEAUTIFIER



PURIFIES AS WELL AS Beautifies the Skin. No other cosmetic will do it. Removes Tan, Pimples, Freckles, Moth-Patches, Rash and Skin diseases, and every blemish on beauty, and defies detection. On its virtues it has stood the test of 40 years; no other has, and is so harmless, we taste it to be sure it is properly counteracted. Accept no counterfeit of similar name. The distinguished Dr. L. A. Sayer said to a lady of the *hauitton* (a patient): "As you ladies will use them, I recommend 'Gouraud's Cream' as the most east harmful of all the Skin preparations." One bottle will last six months, using it every day. Also "Poudre" Subtle removes superfluous hair without injury to the skin. FERD T. HOPKINS, Proprietor, 37 Great Jones St., N.Y. For sale by all Druggists and Fancy Goods Dealers throughout the U. S., Canada and Europe. Beware of base imitations. \$7,000 reward for arrest and proof of anyone selling the same.

Minard's Liniment for sale everywhere.