

ACID FOR MAKING SUGAR.

A Curious Process Which Has Met with Some Success in France.

A very novel method of making sugar has been patented in France by M. Pellegrini, says the American Architect. Sugar is, chemically, a compound of carbon, oxygen and hydrogen, in such proportions that if carbonic acid, water and certain kinds of illuminating gas could be persuaded to unite, in the proper quantities, the composition of sugar would be exactly imitated. Hitherto no one has been able to make sugar by mixing water with two kinds of gas, but M. Pellegrini claims to have succeeded. The apparatus he uses consists of a large block of pumice stone, cleansed by soaking, first in sulphuric acid and then in water, which is set in an iron box plated with nickel inside. The length of the box is three times that of the pumice stone block, which is tightly fitted into the middle, and pipes are arranged to convey the ingredients to the empty ends of the box, as required. Two of them enter from the sides, and serve to bring carbonic acid and hydro-carbon gas, while another pipe from above branches so as to reach both empty portions of the box and conveys steam. All the pipes are fitted with valve and pressure gauges.

Another pipe, at the bottom of the box, serves as an outlet. At first this pipe is closed, as is also the steam pipe from above, and carbonic acid is forced into one end of the box, while ethylene gas is forced into the other, under equal pressure and in equal volumes. A few minutes later the steam valve above is opened and the steam forced in under the same pressure. As the gases unite the pressure falls, so that the supply of each must be kept constant. At the end of half an hour the supply of gas is shut off, the outlet pipe is opened and one of the chambers is found to be filling with syrup, containing twenty-five per cent. of sugar. The syrup is drawn off for refining, and as soon as the apparatus is cool it is ready for a fresh charge. The ethylene gas can be obtained by roasting rosin or grease, but M. Pellegrini's patent covers other hydro-carbons, such as petroleum products. The explanation is that the three gases are condensed in the pores of the pumice stone and there unite; but M. Maumene, who has made some experiments, declares this to be doubtful, and in Cosmos expresses doubt as to the success of the process.

THE GREEN CORN DANCE.

How It Is Conducted Among the Pottawatomia Indians in Kansas.

The Pottawatomia Indians are at present having their annual "green corn dance" on their reservation, about twenty miles north of town. The green corn dance is a celebration to the Indian deity on the arrival of the green corn, as the name suggests, says the Topelka Journal. The dance lasts day and night for sometimes as long as eight days, though of late years the limit has been shortened as civilization approached. It will probably soon die out altogether. Of course the braves—they alone do the dancing—do not dance all this time without rest. The dance simply keeps up that long, different braves dancing while others rest. The exercises are conducted in a ring not unlike the circus ring. The participants are dressed in all the grotesque costumes of the race, with feathers, beads and furs. The braves are seated around the edge of the ring with faces to the center. The music, which consists of several Indians beating on one skin drum in the middle of the ring, you could not distinguish, but there must be some tune about the noise, for the players always strike together without a break. The dance—which consists of contortions of the body that only an Indian is capable of and hideous imitations of the cries of wild animals—lasts continuously for about half an hour, and then the music stops, while one of the braves in the ring makes a speech, always in the Indian tongue. The squaws' part of the programme lies in taking care of the babies and cooking a green-colored liquid from the corn, which is brought into the ring in tin buckets steaming hot, and from which the dancers take refreshment.

HER OBNOXIOUS ATTIRE.

It Was Too Much for the Nerves of This Poor Woman.

Bad nerves are frequently very troublesome. Experience proves that it is always advisable to nip their demonstrations in the bud before they get too audacious and assume control of the whole system. At a garden concert the other evening, says the New York World, a very fine-looking, elderly woman in a highly desirable seat seemed to be laboring under a mysterious malady. She twisted about, she wriggled, she rubbed her hands together excitedly, she leaned back and shut her eyes as if in desperation. What could be the matter with her? She did not seem warm, for she did not fan, and she looked too well to be on the verge of a stroke of any kind. Suddenly the mystery was solved. Before her sat a lovely summer girl clad in a charming fluffly gown of silk gauze. The perturbed old lady leaned and touched her on the shoulder. Then she said: "Young lady, your gown is beautiful, but it is made with the stripes running bias on your back, and they drive me nearly frantic. Would you mind changing seats with me, so I can't see them? If you don't I shall certainly have to go home."

Napoleon's Poison Bag.

A curious detail of Napoleon Bonaparte's costume was the religious care with which he kept hung around his neck the little leather envelope, shaped like a heart, which contained the poison that was to liberate him in case of irretrievable reverses of fortune. This poison was prepared after a recipe that Cagliani had given to Corvisart, and after the year 1808 the emperor never undertook a campaign without having his little packet of poison.

A Russian Charm.

The Russian method for young girls to find out when they will be married is for a party of them to assemble and take off their rings and drop them into a basket of corn, stirring the grain meantime till all the rings are hidden and then a hen is brought in and invited to partake of the corn and the owner of the first ring uncovered will be the first to enter matrimony.

CURIOSITIES OF PLANT LIFE.

Trees That Distill Water, Furnish Light, Change Color, and Catch Fish.

On the Canary Island grows a fountain tree, a tree most needed in some parts of the island, says the San Jose (Cal.) Mercury. It is said that the leaves constantly distill enough water to furnish drink to every living creature in Hiero, nature having provided this remedy for the drought of the island. Every morning, near this part of the island, a cloud or mist arises from the sea, which the winds force against the steep cliff on which the tree grows, and it is from the mist that the tree distills the water. China, too, claims her remarkable tree. This is known as the tallow tree, so called from the fact of its producing a substance like tallow, and which serves the same purpose, is of the same consistency, color and smell. On the island of Lewchew grows a tree about the size of a common cherry tree, which possesses the peculiarity of changing the color of its blossoms. At one time the flower assumes the tint of the lily, and again shortly takes the color of the rose. In Thibet there is a curious tree known as the tree of the thousand images; its leaves are covered with well-defined characters of the Thibetan alphabet. It is of great age and the only one of its kind known there.

The caobab tree is considered one of the most wonderful of the vegetable kingdom. It appears that nothing can kill this tree; hence it reaches an astonishing age as well as enormous size. The natives make a strong cord from the fibers of the bark; hence the trees are continually barked, but without damage, as they soon put forth a new bark. It seems impervious to fire and even the ax is resisted, as it continues to grow in length while it is lying on the ground. In Mexico there is a plant known by the name of Palo de Leche. It belongs to the family of euphorbia. The Indians throw the leaves into the water and the fish become stupefied and rise to the surface and are then caught by the natives. In this case the effect of the narcotic soon passes off. The milk of this plant thrown upon the fire gives out fumes that produce nausea and headache. The milk taken internally is a deadly poison; it will produce death or insanity according to the size of the dose. There is a popular belief among the lower class in Mexico that the insanity of the ex-Empress Carlotta was caused by this poison.

AN ARTIFICIAL NIAGARA.

England's Scheme to Utilize the Current of the Irish Channel.

England does not propose to be behind the United States in the utilization of natural waterpower for electric lighting and machinery. Since she has no Niagara, she proposes, it is said, to make one. The force to be borrowed is that of old ocean itself, says an article in the Boston Traveller. The North sea flows through the Irish channel with a swift southward current. At the Mull of Cantire, only fifteen miles from Scotland, the average depth of the strait is not more than three hundred feet. A dam built at this point would incidentally permit of railroad connection between the sister islands. But the main purpose of its construction would be to bank up the waters and create an artificial difference of levels. The sea north of such a wall would at once rise higher than the Irish sea, which would be turned into an inlet or bay. By tapping the dam an almost inexhaustible power could be drawn upon, since the greater width of the wall would more than make up for the steeper descent of the narrow Niagara river. Secondary advantages, such as increased navigability of the now stormy Irish sea and improvement in the ports of eastern Iceland are claimed for the plan.

Sensitive About His Age.

When a distinguished man like M. Grevy refuses to tell his age, surely ordinary women may be excused for so purely feminine weakness. By this subterfuge the president misled his countrymen into believing him to be six years younger than he was, according to an anecdote, as follows: "M. Grevy was always very reluctant to tell his age and openly admitted that reluctance. At a dinner party given by one of his friends in 1872, the future president of the republic said, with a smile: 'People may try as much as they like, they will never know my real age.' And, in fact, when M. Herold, who was some time a minister of the third republic, endeavored to obtain definite particulars of M. Grevy's age for a new edition of 'Vapereau,' M. Grevy persistently refused to supply them. 'The archives of Mountous-Vaudrey were burnt in 1813,' he said, 'and you must do the best you can. You'll get no information from me.' As a consequence, all M. Grevy's biographers gave the year 1813 as that of his birth, while in reality he was born in 1807."

The Discovery of Glass.

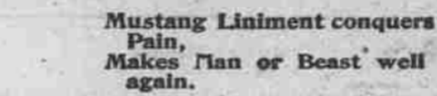
There is little or nothing known with certainty in regard to the invention or discovery of glass. Some of the oldest specimens are Egyptian, and the age of certain glass vessels made by that people, which are now kept in the British museum, is believed to be at least 4,194 years, dating back to the year 2300 B. C. Transparent glass was first used about 750 B. C., the credit of this latter discovery being given to the Phoenicians. The old story of its accidental discovery is familiar: Merchants who were resting their cooking pots on blocks of subcarbonate of soda found glass produced by the union, under heat, of the alkali and the sands of the desert.

Mexican Mustang Liniment

for Burns, Caked & Inflamed Udders, Piles, Rheumatic Pains, Bruises and Strains, Running Sores, Inflammations, Stiff joints, Harness & Saddle Sores, Sciatica, Lumbago, Scalds, Blisters, Insect Bites, All Cattle Ailments, All Horse Ailments, All Sheep Ailments, Penetrates Muscle, Membrane and Tissue Quickly to the Very Seat of Pain and Ousts it in a Jiffy. Rub in Vigorously. Mustang Liniment conquers Pain, Makes Man or Beast well again.

"The Regulator Line"

The Dalles, Portland and Astoria Navigation Co. Through Daily Trips (Sundays excepted) between The Dalles and Portland. Steamer Regulator leaves The Dalles at 7 a. m., connecting at the Cascade Locks with Steamer Dalles City. Steamer Dalles City leaves Portland (Famhill st. dock) at 8 a. m., connecting with Steamer Regulator for The Dalles.



THROUGH Freight and Passenger Line

Through Daily Trips (Sundays excepted) between The Dalles and Portland. Steamer Regulator leaves The Dalles at 7 a. m., connecting at the Cascade Locks with Steamer Dalles City. Steamer Dalles City leaves Portland (Famhill st. dock) at 8 a. m., connecting with Steamer Regulator for The Dalles.

Freight Rates Greatly Reduced. All freight, except car lots, will be brought through, without delay at Cascades.

Shippers for Portland received at any time day or night. Shipments for way landings must be delivered before 5 p. m. Live stock shipments solicited. Call on or address, W. C. ALLAWAY, General Agent.

B. F. LAUGHLIN, General Manager.

THE-DALLES, OREGON

J. F. FORD, Evangelist,

Of Des Moines, Iowa, writes under date of March 23, 1892:

S. B. MED. MFG. CO., Dufur, Oregon.

Gentlemen: On arriving home last week, I found all well and anxiously awaiting. Our little girl, eight and one-half years old, who had wasted away to 35 pounds, is now well, strong and vigorous, and well fleshed up. S. B. Cough Cure has done its work well. Both of the children like it. Your S. B. Cough Cure has cured and kept away all hoarseness from me. So give it to every one, with greetings for all. Wishing you prosperity, we are Yours, Mr. & Mrs. J. F. Ford.

If you wish to feel fresh and cheerful, and ready for the Spring's work, cleanse your system with the Headache and Liver Cure, by taking two or three doses each week.

Sold under a positive guarantee. 50 cents per bottle by all druggists.

NOTICE FOR PUBLICATION. LAND OFFICE, The Dalles, Or., Sept. 8, 1894.

Notice is hereby given that the following named settler has filed notice of his intention to make final proof in support of his claim and that said proof will be made before the register and receiver at The Dalles, Oregon, on Oct. 24, 1894, viz:

Patrik E. Farrelly, Hd E. No 4829, for the 2 1/2, 3 1/2, and 4 1/2 sec. 12, T. 12 N., R. 12 E., W. M.

He names the following witnesses to prove his continuous residence upon and cultivation of said land, viz: William Hensie, Isaac V. Howland, George L. Davenport, Frank F. Taylor, all of The Dalles.

JAS. F. MOORE, Register,

New York Weekly Tribune

AND Dalles Weekly Chronicle

One Year, ONLY \$1.75

"There is a tide in the affairs of men which, taken at its flood leads on to fortune."

The poet unquestionably had reference to the

Closing-Out Sale of Furniture & Carpets

AT CRANDALL & BURGET'S, Who are selling these goods out at greatly-reduced rates.

MICHELBAUGH BRICK, UNION ST.

D. W. VAUSE, Successor to Paul Kraft & Co. DEALER IN PAINTS, OILS AND GLASS.

And the Most Complete and Latest Patterns and Designs in WALL PAPER. \* WALL PAPER.

PRACTICAL PAINTER and PAPER HANGER. None but the best brands of J. W. MASURY'S PAINTS used in all our work, and none but the most skilled workmen employed. Agents for Masury Liquid Paints. No chemical combination or soap mixture. A first-class article in all colors. All orders promptly attended to.

Store and Paint Shop corner Third and Washington Sts., The Dalles, Oregon.

D. BUNNELL, Pipe Work, Tin Repairs and Roofing

MAINS TAPPED UNDER PRESSURE. Shop on Third Street, next door west of Young & Kuss' Blacksmith Shop.

THE CELEBRATED COLUMBIA BREWERY,

AUGUST BUCHLER, Prop'r.

This well-known Brewery is now turning out the best Beer and Porter east of the Cascades. The latest appliances for the manufacture of good healthful Beer have been introduced, and only the first-class article will be placed on the market.

PATENTS

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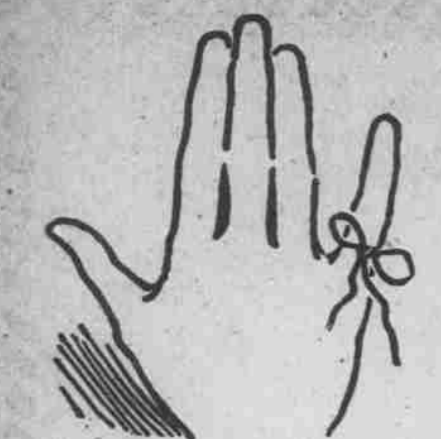
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Notice to Creditors. Notice is hereby given that the undersigned has by the County Court of the State of Oregon for Wasco county, in probate, been appointed administrator of the estate of August Detlefsen deceased. All persons having claims against said estate are hereby required to present them, with proper vouchers, to me at the law office of Condon & Condon, The Dalles, Oregon, within six months from the date of this notice. Dated July 28, 1894. HANS LAGE, Administrator.

DR. A. DIETRICH, Physician and Surgeon, DUFUR, OREGON.

All professional calls promptly attended to, day and night.



SOMETHING TO REMEMBER.

If you're a weak or ailing woman—that there's only one medicine so sure to help you that it can be guaranteed. It's Dr. Pierce's Favorite Prescription. In building up overworked, feeble, delicate women, or in any "female complaint" or weakness, if it ever fails to benefit or cure, you have your money back. It's an invigorating, restorative tonic, a soothing and strengthening nerve, and a safe and certain remedy for woman's ills and ailments. It regulates and promotes all the proper functions, improves digestion, enriches the blood, dispels aches and pains, brings refreshing sleep, and restores health and strength.

In all the chronic weaknesses and disorders that afflict women, it is guaranteed to benefit or cure, or the money is refunded.

Nothing else can be as cheap. With this, you pay only for the good you get.

"Was Miss Filmsay pleased with the new minister?" "Oh dear, yes, I'm sure from what she said." "What was it?" "She thought his sermon was so cute."—Chicago Interior Ocean.

Doctor—Well, Tommy, you found the pellets helped you, didn't you? Tommy—Yes siree; I sold them to a boy for 10 cents to shoot out of his new pistol.—Chicago Inter Ocean.

Deafness Cannot be Cured

By local applications, as they cannot reach the diseased portion of the ear. There is only one way to cure Deafness, and that is by constitutional remedies. Deafness is caused by an inflamed condition of the mucous lining of the Eustachian Tube. When this tube gets inflamed you have a rumbling sound or imperfect hearing, and when it is entirely closed Deafness is the result, and unless the inflammation can be taken out and this tube restored to its normal condition, hearing will be destroyed forever; nine cases out of ten are caused by catarrh, which is nothing but an inflamed condition of the mucous surfaces.

We will give One Hundred Dollars for any case of Deafness (caused by catarrh) that cannot be cured by Hall's Catarrh Cure. Send for circulars, free.

F. J. CHENEY & Co., Toledo, O. Sold by Druggists, 75c.

Doctor—I would advise you to take quinine in all the whisky you drink. Old Pepper—But, great Scott! doctor, isn't quinine in such quantities injurious?—Puck.

A Leager.

Since its first introduction, electric bitters has gained rapidly in popular favor, until now it is clearly in the lead among pure medicinal tonics and alternatives—containing nothing which permits its use as a beverage or intoxicant, it is recognized as the best and purest medicine for all ailments of stomach, liver or kidneys. It will cure sick headache, indigestion, constipation and drive malaria from the system. Satisfaction guaranteed with each bottle or the money will be refunded. Price only 50c. per bottle. Sold by Snipes & Kinersly.

"What did you do with the check your father-in-law gave you for a wedding present?" "Had it framed; no one would cash it."—Boston Saturday Gazette.

While in Chicago, Mr. Charles L. Kahler, a prominent shoe merchant of Des Moines, Iowa, had quite a serious time of it. He took such a severe cold that he could hardly talk or navigate, but the prompt use of Chamberlain's Cough Remedy cured him so quickly that others at the hotel who had bad colds followed his example and half a dozen persons ordered it from the nearest drug store. They were profuse in their thanks to Mr. Kahler for telling them how to cure a bad cold so quickly. For sale by Blakeley & Houghton Druggists.

He—I expect to make you the heroine of my next novel. She—On the strength of the fact that I read your last one?—New York Sun.

Bucklen's Arnica Salve.

The best salve in the world for cuts, bruises, sores, ulcers, salt rheum, fever sores, tetter, chapped hands, chilblains, corns, and all skin eruptions, and positively cures piles, or no pay required. It is guaranteed to give perfect satisfaction, or money refunded. Price 25 cents per box. For sale by Snipes & Kinersly.

Another Call.

All county warrants registered prior to January 1, 1891, will be paid on presentation at my office. Interest ceases after Sept. 10th. WM. MICHELL, County Treasurer.