

What Followed A Cut.

A Magistrate's Wonderful Experience With Zam-Buk.

Mr. J. E. Arseneault, a Justice of the Peace, and station master at Wellington, on the Prince Edward Island Ry., has had a wonderful proof of the healing power of Zam-Buk. He says:

"Four years ago I had an accident. I slipped in the station and fell on a freight truck, sustaining a bad cut on the front of my leg. I thought this would heal, but instead of doing so it developed into a bad ulcer and later into a form of eczema which spread very rapidly and also started on the other leg. Both legs became so swollen and sore that I could only go about my work by having them bandaged. My doctor said I must stop work and lay up.

"After six months of this trouble I consulted another doctor, but with no better result. I tried all the salves, liniments and lotions I heard of, but instead of getting better I got worse.

"This was my condition when I got my first box of Zam-Buk. Greatly to my delight that first box gave me relief. I continued to apply it to the sores, and day by day they got better. I could see that at last I had got hold of something which would cure me, and in the end it did.

It is now over a year since Zam-Buk worked a cure in my case, and there has been no return of the eczema or any trace of it."

Such is the nature of the great cures which Zam-Buk is daily effecting. Purely herbal in composition, this great balm is a sure cure for all skin diseases, cold sores, chapped hands, frost bite, ulcers, blood poisoning, varicose sores, piles, scalp sores, ring-worm, inflamed patches, cuts, burns, and bruises. All druggists and stores sell at 50c box or post free from Zam-Buk Co., Toronto, upon receipt of price.

Snow In Balkans Stops The Fighting.

London, Feb. 25.—Practically the whole war area in Thrace is covered with snow and movements of troops are impossible. No fighting is reported from any point.

The menace of the row between Bulgaria and Roumania over Silistria is regarded as having been finally removed by the acceptance of the mediation of the powers, which was announced yesterday.

All the alarms, but one, over the differences between Austria and Russia over Albania, have quite disappeared. The one point that remains to ensure lasting harmony is the decision of the point as to whether Serbia or Albania shall have the squalid little town of Djakova, of 6,000 inhabitants. The rival claims of the two countries are supported respectively by Russia and Austria. The Vienna commentator of Daily Telegraph, while again predicting a peaceful settlement of all these troubles treats the divergence on this point in

EXTRACT OF WHALE.

New Food Supply From Hitherto Neglected Sources.

Experts in the United States are giving careful study to the methods in vogue in certain fish factories in northern Europe, with a view to the economical preparation of products from fish that hitherto Americans have regarded as useless.

Among these is the preparation of fish pastes from fish that have no commercial value either as fresh or salted food, but which at the same time possess a high nutritive value. It is said that the flesh of both the shark and whale (which latter cannot, of course, be properly classified as a fish) is largely utilized for the preparation of a fish extract that resembles in some respects the popular extracts of beef, being at the same time far cheaper. All fishy flavor is eliminated by chemical processes, and the extract is valuable for the foundation of soaps and in general cookery.

Whale meat is nutritious, but its excessive amount of fat renders it unpalatable to most persons, so this fat is removed before the extract is boiled down to a sirupy consistency and sealed in jars.

In many of the fish factories of Norway a "fish meal" is made that is eaten extensively by the nations of northern Europe. In these several ways fish which were formerly rejected as being unfit for food are being utilized to the advantage of many.—Chicago Tribune.

SAFETY IN ELEVATORS.

Automatic Device Guards Passengers From Accident.

An automatic safety installation designed to prevent the numerous accidents liable to occur in using passenger elevators is being placed on the market by a Baltimore concern. By means of a hinged yielding section in the floor of the elevator at the entrance and electrically connected with mechanism in the basement the movement of the elevator is prevented when



SAFETY DEVICE FOR ELEVATORS.

a person is entering or leaving or when one is standing so near the door as to be in danger of injury from the movement of the elevator.

Another feature of the installation is a device in the roof of the car over the door. This consists of a yielding section, contact with which, by the head or body of a person about to be caught and crushed, instantly stops the car.

Latest Golder Theory.

Another medical problem possibly has been solved. The swelling of the thyroid gland, which lies in the front of the neck, commonly known as goiter, is known to originate in drinking water, and it also is known that certain wells and certain streams bring on the disease. For this there has never been a satisfactory solution. The latest theory emanating from Dr. M. Wilms of the University of Basel is interesting. He noted that these goiter districts always were characterized by the same geological conditions. The water invariably comes from soil that has been sea bottom at some remote period in the world's history, never from granite or chalk deposits or from ancient lakes. Wilms' theory is that some subtle poison is generated by the decay of fossilized plants and animals of a remote geologic age. This is borne out by the properties of the water, which is dangerous up to 75 degrees C. and altogether harmless when heated above 80 degrees C., which is a common attribute of organic poisons.

Why Prairies Are Treeless.

Professor B. Shimek of the State university of Iowa has been studying this question in Iowa, where the treeless prairie originally covered more than seven-eighths of the total area of the state, says the Scientific American. He finds that the absence of trees is not due primarily to the soil or the topography nor to such causes as prairie fires, the former abundance of the bison, etc., but is an effect of climate. Moreover, it is not due to a deficient rainfall so much as to an excessive rate of evaporation. The prairie areas are uniformly so situated that they are fully exposed to the factors which cause rapid evaporation—namely, the sun and the wind. During much of the year they may present conditions quite favorable to plant growth, but there are seasons and there are portions of the year, especially in midsummer, when evaporation and consequent desiccation become so extreme that only those plants which are especially adapted to dry regions can survive.

Reversible Floor.

The floor in the Apollo theater in Paris is reversible, one side being made for dancing, the other being the usual inclined floor equipped with the folding seats of a theater auditorium. The floor is mounted on a horizontal axis on which it revolves. It is built on a framework of steel girders, has an area of 2,500 square feet and weighs 100 tons. The axis, which is parallel to the front of the stage, is not in the middle of the thickness of the floor, says the Cement Age, but nearer to the seating surface than to the dancing surface. The floor swings through an excavation over thirty feet in depth.

The Durability of Steel.

It has been shown that nearly all the failures of steel occur very early in its history, says Harper's Weekly. If a plate or bar of mild steel lasts for a year in service it may be trusted to last for many years. The most injurious thing is continual bending backward and forward. In what is called the "panting" of a boiler end. As one authority puts it, steel has a somewhat "tumultuous youth," but "in middle age it is trustworthy and in old age beyond reproach." In regard to corrosion there is difference of opinion, some holding that steel corrodes more readily than iron.

Mine Telephones.

The use of mine telephones is extending very rapidly, and they will eventually supplant all other methods of signaling. In deep shafts communications by means of telephones is almost imperative. In fact, mining legislation in some states compels their use. A modern mine telephone system, first, enables the mine superintendent to get in communication with the foreman or any operative in a few seconds or minutes, instead of having to dispatch a messenger to the place of operations, which might require many minutes or an hour or two before results could be obtained; second, in case of danger, such as explosions or floods, a telephone system enables the foreman or operative to communicate with the surface at once and possibly save lives and property; third, in case of injury to an employee word can be telephoned outside, and by the time the employee is brought to the surface a physician can be in waiting.—Engineering Magazine.

Decay of Dunfermline Abbey.

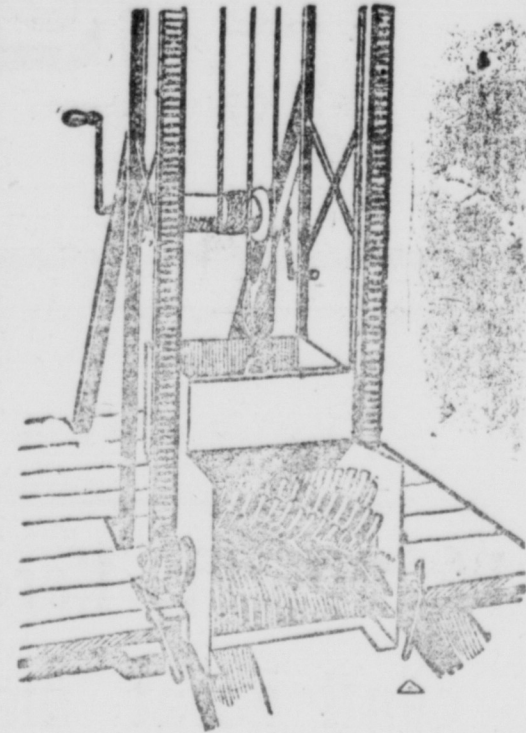
With the object of arresting the decay in the stonework of Dunfermline Abbey church, says the London Globe, part of the building is being treated with silicate of soda. So pronounced was the erosion of many parts of the stonework that the heritors decided to obtain the advice of Sir Rowand Anderson, who estimated that it would take a sum of nearly \$5,000 to overcome the ravages of the decay. The proposed treatment is purely experimental, and before any further work of the kind is undertaken the heritors' engineers will be asked to get a full estimate.

ROUGHCASTING WALLS.

Automatic Machine For Laying on Pebble Dash or Cement.

The finishing of exterior wall surfaces with pebble dash or roughcast or even with plain stucco or cement is always an item of considerable expense, as hitherto it has had to be done by hand labor, says Popular Mechanics. Recently, however, an inventor has perfected a simple automatic machine which does this work quicker, better and at less expense than it could be done by the most experienced building constructor using the ordinary methods of trowel work that have prevailed for centuries.

In the illustration the machine is shown operated by hand power, although there is nothing in its construction to prevent a gasoline engine or electric motor being used to furnish the power, thus reducing the attendance to a single operator. The pebble dash, roughcast, stucco, etc.,



DETAIL OF MACHINE, SHOWING WINDLASS, HOPPER AND THROWING DEVICE.

are placed in the hopper and fall on to the spirally arranged blades below, which, by their rotation as the carrier is being lowered, throw the material forcibly against the wall surface in much the same way as a plasterer throws the stuff from his trowel in doing the same kind of work. Lowering and raising of the carrier are effected by the windlass arrangement shown near the base of the machine, and the throwing device is rotated by the action of a pair of gear wheels, one at each side, which mesh with the long straight racks on two of the vertical uprights.

It is obvious that with this machine a vertical strip of wall equal in width to the carrier can be roughcasted in a few minutes and that by moving along the device to successive positions the covering of the whole surface of an exterior wall is an easy matter.

Tumors on Oak Trees.

A unique feature of Cape Cod, to which Dr. Horace Packard of Boston has called attention, is the existence of many dwarfed red oaks bearing cancers more completely resembling the malignant tumors of animals than any other plant tumors known. Some trees have hundreds of these great black knobs, covered with very rough bark and composed inside of dense woody material, and like human cancer, the tumors are due to localized primary infection, causing enormous multiplication of the host cells, with infection of neighboring parts and resulting in death. The parasites are believed to be bacteria. A common tumor of the pansy has been lately traced by Dr. Edwin F. Smith to a special bacterium, and experiments are now being made with a peculiar micro-organism that is suspected of responsibility for the oak disease. The reason these red oaks have been so extensively infected is thought to be their weakness from poor soil. The Cape Cod of the pilgrims bore a great growth of fine needled pine, the one tree thriving on sand, but this growth has been destroyed, and the succeeding red, white and scrub oaks make only a feeble struggle on the nearly pure silica.

The President Saw Him.

A dear old Irish woman in Chicago is the proud mother of a successful politician, who, no matter how busy he may be, never fails to write to the old lady regularly.

When he was in Washington last year he kept his mother fully advised as to everything that was going on. Finally there came a letter wherein he described his presentation to the president. The old lady read it with eagerness, hardly able to restrain herself until she had told some one what had happened. When at last she got through the letter she hastened to a neighbor's house and announced:

"I have just got a letter from Washington, and, do you know, the president has seen Richard."—Jippincott's.

A Story With a Moral.

Here is a little story with a moral. A young man who was known among his fellow workers as somewhat of a prevaricator, did not appear one day at his desk. He sent a letter, however, to the manager announcing that his absence was caused by one of his children having caught cold. He got in reply a note which gave him one week's leave of absence without pay.

Famous for Fifty Years
CHASE & SANBORN'S COFFEES
SEAL BRAND
 IS THE HIGHEST GRADE
 CHASE & SANBORN MONTREAL

...he feared the contagion might spread into the homes of some of the other employees.—St. Louis Globe-Democrat.

Baboons and Oysters.

A liking for oysters is supposed to indicate a somewhat advanced gustatory taste, and yet, according to a book entitled "Monkeyfolk in South Africa," by F. W. Fitzsimons, baboons share this predilection with gormands. Shellfish of all kinds are welcome food to them, and troops of baboons often make excursions to the seaside to get these salty delicacies, opening the shells either with their strong teeth or by striking them on the rocks.

A Long Pedigree.

Sir William Lever, the well known soap manufacturer, once remarked that when he got his baronetcy, the college of heralds had no difficulty about his pedigree.

"All they had to do," he said, "was to take away the 'L' in front of my name and the 'R' at the end, and there it was! Ever!"—London Answers.

So Say We All.

"What kind of music suits your taste?"

"Well, I'm not particular. I like it either rare or well done."—Lippincott's.

Barbarism.

Wille—Pa, what are the cruelties of barbarism? Pa—Having the barber cut you and then charge you a dime for sticking plaster.—Exchange.

Idleness is the refuge of weak minds and the holiday of fools.—Chesterfield.

A PUNCTURE PROOF TIRE.

French Invention Successfully Withstands Severe Tests.

A resident of Havre has recently patented and put into practical use an invention for preventing punctures in pneumatic tires which he calls "a puncture proof metal band for pneumatic tires."

The chief feature of the invention is a band of canvas covered with small hexagonal metallic disks. These disks are arranged to fit close one against another and are riveted to the canvas so as to form a flexible armor. The band of canvas thus prepared is placed in a sheath of rubber. In order to safeguard the tire this sheath is placed between the air tube and the outer cover. In this way puncturing the air chamber becomes impossible, and even cuts in the outer cover are in no way harmful. Experiments have shown that there is considerably less heating of the tire and that resilience is the same.

Different experiments have been made before responsible witnesses to prove that nails, broken glass, etc., cannot cause punctures when the air chamber is thus protected, and the results are reported to the consulate to have been entirely in favor of the invention.

For example, two one-inch nails were driven into the outer cover, and the automobile, with four passengers, was driven five miles before an examination was made. Then the tire was removed, and it was found that the air chamber had not been touched by the nails and that even the armored device had not suffered. The nails having met the quite impenetrable steel disks.—Cambridge Express.

Meals!

LOTS of home baked bread, cake and pastry are always welcome. But baking is not always an easy job. Perhaps we can help you. Here is a truth backed by honest proof.

Help:

Regal Flour readily yields the best quality and the utmost quantity of bread per barrel of any flour in the world. Makes light, white loaves. And such meltingly flaky pastry.

Proof:

Try Regal once. If it is not just as good as we have promised, your dealer will return your money. We then have to pay him back. So unless you like Regal we lose completely. Isn't it fair to expect that Regal will mean easier, nicer meals?

Regal Flour is sold in 50 lb. bags and 100 lb. barrels.