

BROUGHTON'S BLOWOUT BOOT
 Made entirely of STEEL
 Will hold 1,000 lbs. pressure.

Saves buying new tires. Best for emergency. The Spare Tire in the tool box. Wears for thousands of miles. Your hands the only tools you'll need. At all jobbers and dealers. Resilient. Neat. Cheap. Quick and Non-skid. We guarantee each B.B.B. Agents wanted by

The GEO. H. BROUGHTON Co.
 126 Wellington St. W., Toronto
 See us at Can. Nat. Exhibition, 1921.

Power of Radium.

The "gamma" rays from radium are so powerful that they will penetrate virtually every known substance. To human flesh or other live tissue they are very destructive.

It is this tendency of the rays to destroy tissue, says the United States Bureau of Standards, that makes them valuable in the treatment of cancer and for certain other surgical purposes. For while both healthy and diseased tissues are attacked by the rays, their destructive effect upon diseased tissues is much greater and more rapid.

Thus if the patient is treated for exactly the right length of time the diseased tissue will be destroyed while the healthy tissue is not much injured. Obviously, to accomplish a satisfactory result the surgeon must exercise the highest degree of skill and must employ the radium with utmost caution.

There is always danger to the laboratory worker in dealing with this formidable substance unless the most careful precautions are taken, and under no circumstances should any person be continually exposed to its rays.

Means to Stay.

Little Madge was excited. A baby brother had arrived on the scene. She spread the good news, and among others told the gardener.

"The question is," said the old man, "is the new baby going to stay?" "Oh, yes, he means to stay," said Madge; "he's got his things off."

MONEY ORDERS.

Dominion Express Money Orders are on sale in five thousand offices throughout Canada.

More farmers die from being tired than from being tired.

Surnames and Their Origin

FINLAY.

Variations—Findlay, Findley. Racial Origin—Scottish (Celtic). Source—A given name.

Scottish family names, taken as a class, do not parallel those of Ireland in one respect. They are not overwhelmingly Celtic, either in language or in the method of formation. And there are reasons for this.

In the first place, the blood of Scotland is far from being overwhelmingly Celtic. At the time of the Roman domination of Britain, the country north of the great wall which marked the northern limits of the empire's government was inhabited by the Picts, a race more similar to the Cymric branch of the Celtic race, like the Welsh, the Cornishmen and the Bretons. About the third and fourth centuries of the Christian era the Gaelic Celts of Ireland came over from Ulster and settled themselves in the Highlands. Then, when the Anglo-Saxons invaded England, they cut well north into the lowlands. Norman and then English conquest and occupation followed on a large scale before surnames became true family names. Hence there were influences of many races at work.

The name of Finlay, however, is truly Celtic. Originally, its form as a given name was Fionnlaoch, a compound of "fionn," meaning "white," and "laoch," meaning "fighter," or "soldier." When it first became a family or clan name, of course, it was preceded by "Mac," meaning "des-

Worry.

The thing called worry, if you please, is quite a dangerous disease, so dodge it fully if you can and thereby be a lucky man.

For worry, if it gets control, will make you pay a heavy toll. Just let it once get into power and you'll regret it every hour.

There's nothing like the worry ill that's out to conquer and to kill. It takes the joy of life away and quickly turns the hair to grey.

It kills good humor—quells the grin, and places frowns where smiles have been. So reader, if you'd be in luck, when worry comes be wise, and duck.

KEEP CHILDREN WELL

DURING HOT WEATHER

Every mother knows how fatal the hot summer months are to small children. Cholera infantum, diarrhoea, dysentery, colic and stomach troubles are rife at this time and often a precious little life is lost after only a few hours' illness. The mother who keeps Baby's Own Tablets in the house feels safe. The occasional use of the Tablets prevent stomach and bowel troubles, or if the trouble comes suddenly—as it generally does—the Tablets will bring the baby safely through. They are sold by medicine dealers or by mail at 25 cents a box from The Dr. Williams' Medicine Co., Brockville, Ont.

The World's Most Inaccessible Oil Well.

An oil well that can be reached only by swinging in a rope sling operated from a stiff-leg derrick at the top of a 107-ft. cliff, was recently completed at Point Firmin, California. The well is located on a narrow ledge of tide land, and at the bottom of the cliff. The ledge is so narrow that, at high tide, the water rises to within a foot of the rig. Despite the fact that all material and workmen had to be lowered and hoisted from above by means of the derrick and sling, the well was completed without a mishap. This remains still the only way to reach the well.

Minard's Liniment Relieves Neuralgia

THE CAUSE OF BACKACHE

Only in Rare Cases Does Backache Mean Kidney Trouble.

Every muscle in the body needs constantly a supply of rich, red blood in proportion to the work it does. The muscles of the back are under a heavy strain and have but little rest. When the blood is thin they lack nourishment, and the result is a sensation of pain in those muscles. Some people think pain in the back means kidney trouble, but the best medical authorities agree that backache seldom or never has anything to do with the kidneys. Organic kidney disease may have progressed to a critical point without developing a pain in the back. This being the case, pain in the back should always lead the sufferer to look to the condition of his blood. It will be found in most cases that the use of Dr. Williams' Pink Pills to build up the blood will stop the sensation of pain in the ill-nourished muscles of the back. How much better it is to try Dr. Williams' Pink Pills for the blood than to give way to unreasonable alarm about your kidneys. If you suspect your kidneys, any doctor can make tests in ten minutes that will set your fears at rest, or tell you the worst. But in any event to be perfectly healthy you must keep the blood in good condition, and for this purpose no other medicine can equal Dr. Williams' Pink Pills.

You can get these pills through any dealer in medicine, or by mail at 50 cents a box or six boxes for \$2.50 from The Dr. Williams' Medicine Co., Brockville, Ont.

Tricks An Architect Plays on Us.

In the construction of any large building where effectiveness to the eye has to be considered the architect who knows his business takes into view certain illusions of the eye. Thus, for example, a diminishing tower can be made to look higher by decreasing the size of its successive portions more rapidly.

All of what we call perspective is, of course, illusion. Where two objects of equal size are concerned the more distant one looks smaller. A straight railroad track seems to meet at a point in the distance. All the principles of optics that apply to architecture are based upon illusion.

The ancients understood this sort of thing wonderfully well. Take, for instance, the famous Parthenon of Athens. Its superb columns look as if vertical and parallel, but in reality they are inclined toward one another so much that, if they were continued upward, they would meet at the height of about a mile.

Tall columns must be made with a considerable bulge. If their outer lines were straight they would look shrunk in the middle. In the columns of the Parthenon this bulge amounts to three-quarters of an inch.

The long lines of the beam which surmounts a row of columns would appear to sag if they were straight. To satisfy the eye—i.e., to look straight—they must be curved.

The stories of a building, to look of equal height, must increase in height as they go up. On one famous temple in the Orient there is an inscription with its letters arranged vertically; but to make the letters appear of equal size they are increased in size progressively toward the top.

The ancient cathedrals scattered over Europe are full of such expedients of illusion, and from those sources our modern architects have acquired many of the hints on which their own designs are based.

Hand-Gun Riveter Has Wonderful Power.

During the war, the Germans had a gun that did actually fire a projectile 75 miles. Up to the present that has been considered the very limit possible in long-range weapons. But there is no limit to modern progress, and a new development in this line has inspired the inventor and others to claim a possible range for a projectile of 300 miles. The new principle has been embodied, as yet, only in a device resembling the ordinary hand-gun riveting machine. In place of the hammer of the riveter, steel slugs are dropped into the barrel of the machine, which is charged with some special smokeless explosive, and fires these slugs into a steel plate 3/4 in. thick. Tests of this machine were made in New York by engineers of repute, and their report of the results, if it came from any other source, would sound like a paradox. For instance, in spite of the enormous power developed by the explosive that makes possible a penetrability that drives a steel slug into a boiler plate, there is practically no recoil to the gun, and no more noise than the click of a typewriter.

Apart from its possibilities as a gun, it has been tested, with highly encouraging results, as an underwater riveter. A diver, at a depth of 35 ft., shot a slug through a plate of steel 3/8 in. thick.



Good Waiter.

"How old was the wall that fell on me?" said the Irishman to the policeman who was carrying him on the ambulance to the hospital.

"Oh, I should say about eighty years," answered the policeman. "Just my luck," said Pat. "I only arrived from Ireland yesterday, and it waited all that time for me."

Regular Clean-Up.

Mrs. Newrich was having her house redecorated.

"I've just finished the drawing-room," said the foreman; "what shall we do next?"

"You can do the dining-room on Thursday," said Mrs. Newrich.

"What shall we do in the interim, madam?"

"Oh, paper that, too!"

A Fashion Critic.

The city girl spending her holidays in the country, was complaining to the farmer about the savage way the bull regarded her. "Well," said the farmer, "it must be on account of that red waist you're wearing."

"Dear me!" said the girl. "Of course, I know it's awfully out of fashion, but I had no idea a country bull would notice it."

No Wonder.

One autumn little George entered the same kindergarten that his brother Henry had attended during the previous year. Very frequently the teacher called him Henry by mistake, until she became provoked at herself and said to him:

"I am sorry, George, but I don't know why I always call you Henry."

"I guess I know," said George, seriously. "I've got on Henry's shirt and his pants and his shoes."

Her Order.

A woman on her first railway trip noticed the communication cord overhead, so she gave it a pull with her umbrella. The whistle sounded, the brakes were put on, and the train began to slacken its speed.

Presently the guard appeared and asked, "Who pulled the cord?"

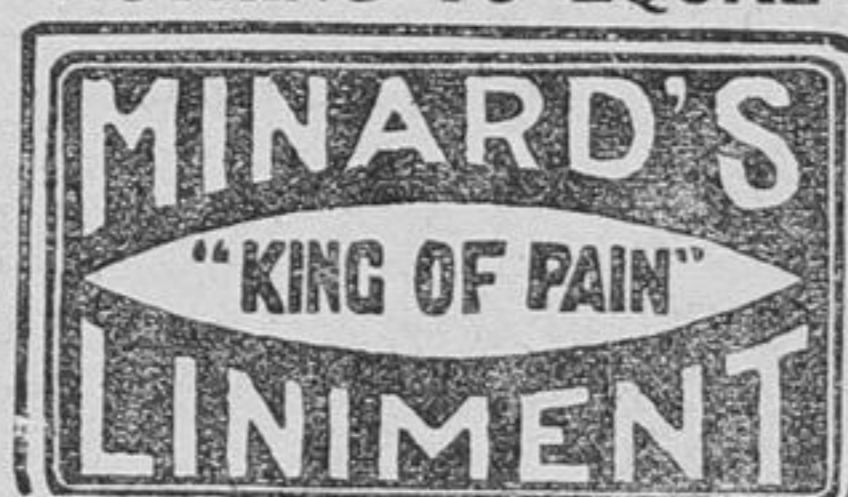
"I did," replied the woman, meekly.

"Well, what do you want?"

"Some ham sandwiches and a cup of tea, please."

Married women are not so steady and reliable workers as are single women.

NOTHING TO EQUAL



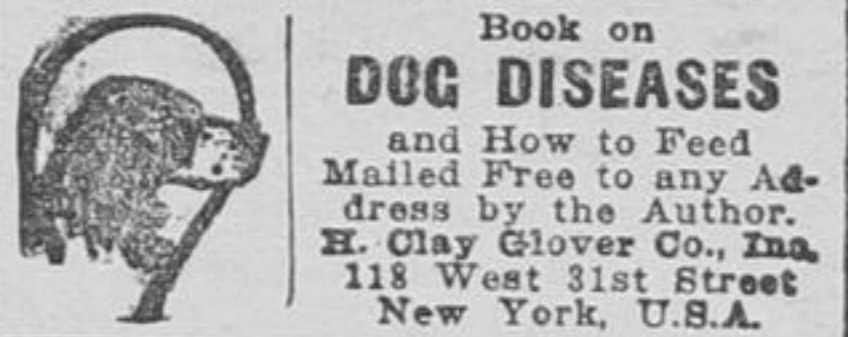
For Sprains and Bruises.

The first thing to do when you have an injury is to apply Minard's famous Liniment. It is antiseptic, soothing, healing, and gives quick relief.

COARSE SALT LAND SALT

Bulk Carlots
 TORONTO SALT WORKS
 G. J. CLIFF - TORONTO

America's Pioneer Dog Remedies



DOG DISEASES

and How to Feed Mailed Free to any Address by the Author.

H. Clay Glover Co., Inc., 113 West 31st Street, New York, U.S.A.

ASPIRIN

"Bayer" only is Genuine



Warning! Take no chances with substitutes for genuine "Bayer Tablets of Aspirin." Unless you see the name "Bayer" on package or on tablets you are not getting Aspirin at all. In every Bayer package are directions for Colds, Headache, Neuralgia, Rheumatism, Earache, Toothache, Lumbago and for Pain. Handy tin boxes of twelve tablets cost few cents. Drug-gists also sell larger packages. Made in Canada. Aspirin is the trade mark (registered in Canada), of Bayer Manufacturing of Monoaceticacidester of Salicylicacid.

FEARED SHE HAD HEART TROUBLE

MRS. SMITH SUFFERED AFTER EVERY MEAL.

Toronto Woman Says Since Taking Tanlac All Her Troubles Have Disappeared.

"Before I had taken half a bottle of Tanlac I began to straighten right up and now I feel just fine," said Mrs. O. E. Smith, 169 Yarmouth Road, Toronto, Ont.

"I was told that I had high blood pressure, but whatever my troubles were they began to disappear when I got Tanlac and now I haven't a trace of any of them. For one thing, I suffered from indigestion something awful. After eating, the gas from my undigested food would press up into my chest until my heart fluttered frightfully and at times I actually thought it would stop beating.

My head ached terribly at times and I got so dizzy I couldn't stand up. My kidneys also bothered me and my back and legs hurt constantly. My legs hurt worse while lying down and nights I couldn't sleep any to speak of, so that I always felt tired and worn out.

"But all my troubles are gone now. My digestion is just perfect and I never have a headache or dizzy spell any more. Even those pains have disappeared from my back and legs and I'm so thankful for my good health that I just want to praise Tanlac all the time."

Tanlac is sold by leading druggists everywhere. Adv.

Revenue for the net profits tax to be imposed on all business concerns operating in Manitoba will exceed \$1,250,000 this year, according to estimates. Revenue derived by the provincial government from the Corporation Taxation Act already exceeds \$800,000.

Minard's Liniment for sale everywhere



Cuticura Is Just Right For Baby's Tender Skin

Bathe him with Cuticura Soap and warm water. Dry gently and if any sign of redness, roughness, irritation or rash is present anoint with Cuticura Ointment to soften, soothe and heal. Finally dust on a few grains of the fragrant, delicately medicated Cuticura Talcum.

Soap 25c. Ointment 25c and 50c. Talcum 25c. Sold throughout the Dominion. Canadian Depot: Lyman, Limited, 344 St. Paul St., W., Montreal.

DO ALL MY HOUSE WORK

Before I took Lydia E. Pinkham's Vegetable Compound I could hardly get about.

Cobourg, Ont.—"For many years I have had trouble with my nerves and have been in a general run down condition for some time. I could not do my work half of the time because of the trouble with my monthly sickness. I was told of Lydia E. Pinkham's Vegetable Compound by friends and advised to try it. It has done me good, and I strongly recommend it. Since I have taken it I have been able to do all my own work, and I also know friends who have found it good. You can use these facts as a testimonial."—Mrs. ELLEN FLATERS, Box 761, Cobourg, Ont.

Why will women continue to suffer so long is more than we can understand, when they can find health in Lydia E. Pinkham's Vegetable Compound?

For forty years this good old fashioned root and herb remedy, which contains no narcotics or harmful drugs, has been the standard remedy for female ills, and has restored the health of thousands of women who have been troubled with such ailments as displacements, inflammation, ulceration, irregularities, etc.

If you want special advice write to Lydia E. Pinkham Medicine Co. (confidential), Lynn, Mass. Your letter will be opened, read and answered by a woman and held in strict confidence.

This food builds strength

Maximum nourishment with no burden to the digestion is secured from that famous food—Grape-Nuts.

The nutriment of wheat and malted barley, from which Grape-Nuts is made, builds strength and vigor—and delights the taste.

"There's a Reason" for Grape-Nuts

Sold by all grocers