

Rubber Enters Some New Fields of Usefulness.

Rubber's field of usefulness has recently been greatly enlarged. In the first place, it was a few years ago found practical to ship this material in its original form, that is, the latex or milk of the rubber tree. Formerly it was subjected to a cooking operation at the place of its origin and transported in the shape of huge lumps, but this method was open to some irregularities that in time became serious.

The natives who gathered the latex and prepared it for transportation learned some tricks in the way of penetrating some frauds on the purchaser. Often when these masses of crude rubber were opened at the factory for further treatment they were found to be filled with stones or other foreign matter which added greatly to their weight and to the cost of the latex. There were some other forms of deceit practiced in the preparation which interfered with the quality. It was then found that by partial evaporation the latex could be handled in bulk and the new method proved much more satisfactory, and this has been mainly responsible for the enlarged field of usefulness.

For glazing purposes a very superior putty has been made by mixing the latex with whiting. The usual method is to mix the whiting with linseed oil and in the course of time this dries out and breaks away, leaving the glass loose. It has no clinging property to the woodwork or the glass, and when it becomes thoroughly dried out it crumbles and falls. With the rubber latex used, instead of the linseed oil, a cement is made which takes hold of both the frame and the glass and makes a joint which is absolutely waterproof.

An excellent substitute for hair has been made by the use of this latex. Certain materials now used for stuffing furniture as a substitute for hair are unsanitary and others are subject to the attacks of moths or other vermin. Straw or other substitutes are now coated with rubber and vulcanized and a perfect elastic stuffing is obtained which is clean and which will hold its life indefinitely. The best of hair will not do this, for it must be removed and curled at intervals to restore its "life."

A wonderful cement is reported as the result of the use of latex. It is said that a strong and perfectly waterproof joint is obtained between materials which have not heretofore lent themselves to the cementing process. Metal, glass, mica and waxed cloth may be secured together indissolubly. Barrels are easily made waterproof by a coating of this compound. Violin wood first subjected to a soaking in rubber latex makes a very superior instrument, said to approach the famous instruments of the old masters.

Seeing Through the Skin?

We know that blind people are consulted in some measure for their loss of sight by the greater alertness of their other senses.

But a statement has recently been made that the blind might actually see—not with their eyes, but with the skin of the face, neck and chest. Apparently such a gift is common to all, but in the average person the sight-seeing power of the eyes overcomes the weaker sight of the other organs. If we all had this power developed, it is stated that it would be possible for us to see in a surrounding circle from various angles of the body through "myriad eyes."

M. Jules Romain, the French scientist, has made this discovery.

The first essential for the man or woman who wishes to develop this gift is to bring about a complete concentration of all his attention. Considerable time must elapse before the result of this quiet concentration can become apparent. Sitings of about an hour's duration, if persisted in, should eventually enable the patient to perceive light, and then to visualize shapes and sizes of surrounding objects. After that swift progress is assured, and in time M. Romain claims that it is possible to read type almost as rapidly and accurately as one would with eyes.

Gold.

I followed, one September day, A vagrant path that ran astray Through field and wood and open glade.

Where shade and sunshine's fine brocade Was traced in colors gold and jade, Till last, at sunset hour I came Where black-eyed Susans' golden flame

Lay on a field, fanned into play By evening airs, a sight so gay, The fleece of gold on Colchis' strand Was never half so rich and grand. The sun, a glowing miser, here Bent low to view this treasure dear.



And Has To Be Pulled Out. "You find it hard to get out of bed?" "Yes, my bed's so soft every time I try to drag myself out I slip back."

RED ROSE TEA "is good tea"

The ORANGE PEKOE QUALITY makes finer tea and more of it

Surnames and Their Origin

BOYLE
Variations—O'Boyle, Boghill, Hill.
Racial Origin—Irish.
Source—A given name.

These family names are anglicized forms of another of the Irish clan names, though, of course, the one variation, Hill, has an English origin which in the majority of cases explains its existence.

The Irish form of the name is "O'Boaghail," which isn't half as hard to pronounce as it looks when it is considered that the "gh" in this case happens to be virtually silent, leaving the four vowels, "aoi," for pronunciation as a diphthong. In short, the English spelling of Boyle represents the true pronunciation.

The less frequent form, "Boghail," has no connection whatever with the English words, "hog" and "hill." It is simply an attempt to preserve the Irish spelling, and was arrived at merely by the elimination of "a" from the first syllable and "m" also from the second, with the addition of another final "l" simply from English habit.

In turn there are cases on record where families bearing this name have arbitrarily shortened it still further to "Hill" in the effort to obscure its Irish origin. Changes of this nature occurred chiefly at times and places in Ireland when English law made it compulsory to drop the native names.

The clan traces its origin to a chieftain of the O'Donnells of Tyrconnell, whose given name was "Boaghail."

MACKIN.
Variations—MacMackin, Meekins, Makin, Meekin.
Racial Origin—English, also Scottish.
Source—A given name.

There is a peculiar paralleling of the forms of the English and Scottish family names. In this group, which have come from the same given name, but through a different form of development.

The given name, though you might not suspect it, is Mathew, the same that has given us the family names in the Mathewson and Matheson classifications.

The change from the "ch" in Mathew to a "ck" or "k" in English was brought about as the result of the use of one of the Anglo-Saxon diminutives of the name, "Mat" was a short form of Mathew. "Mackin," through the addition of the diminutive ending "kin," meant "Little Mat." Hence the meaning of Mackinson is clear. But that combination of "tk" in the middle of the name was as hard for the English tongue of the Middle Ages as for us, and the "k" being the more dominant sound, the "t" just naturally dropped out.

The development of the Scottish name is somewhat different. One of the older forms of the Gaelic "MacMhathain" (Mathewson), was "MacMachain," met with about 1263, and it is from this form that MacMackin is developed.

Words With Changed Meanings.

If we wish to label anything strange or barbarous we say it is "outlandish," but when the Bible speaks of an "outlandish woman" it means a foreigner. Metal, glass, mica and waxed cloth may be secured together indissolubly. Barrels are easily made waterproof by a coating of this compound. Violin wood first subjected to a soaking in rubber latex makes a very superior instrument, said to approach the famous instruments of the old masters.

When the Authorized Version of the Scriptures was first printed the word "careful" meant "full of care and anxiety," as in "careworn," but if a man were said to be careful it would today be a good testimonial. Thus, when the New Testament tells us to "be careful for nothing," it is not enjoining waste,fulness and speaking against thrift.

but simply telling us not to worry about anything.



Reliable Wet Profits.

She—"Do you take any stock in these dry profits, Mr. Smith?" He (having bootleg investments)—"No; I've always found the wet profits very reliable, Miss Brown."

Mix Mustard this way

Mix Keen's Mustard with water to the consistency of a thick paste. Add water until the desired thickness is obtained. If a milder flavor is desired mix with milk. Mix mustard freshly for every meal.

but it must be Keen's

Less Pot-washing

SMP Enamelled Ware has the smooth surface and polish of fine crockery—without the breakage. And it is so very easy to clean—just like china, and therefore makes light work of pot washing.

Try this test. Take an **SMP Enamelled Ware** sauce pan and an all-metal sauce pan of equal size. Into each pour a quart of cold water. Put on the fire at the same time. The **SMP** sauce pan will be boiling merrily when the water in the other is just beginning to simmer.



SMP Enamelled WARE
"A Face of Porcelain and a Heart of Steel"

Three finishes: Pearl Ware, two coats of pearly grey enamel inside and out. Diamond Ware, three coats, light blue and white outside, white lining. Crystal Ware, three coats, pure white inside and out, with Royal Blue edging.

THE SHEET METAL PRODUCTS CO. OF CANADA
MONTREAL TORONTO WINNIPEG EDMONTON VANCOUVER CALGARY

An Interesting Discovery.

One of the stone tablets discovered in the ruins of the ancient temple at the foot of Mt. Sinai may possibly have been inscribed by the hand of Moses himself. The message, which is in primitive Hebrew, reads: "I am the son of Hatzepout, overseer of the mine workers of Sinai, chief of the temple of Mana and Jahu (Jehovah) of Sinai. Thou, O Hatzepout, wast kind to me and drew me out of the water of the Nile; and thou hast placed me over the temple which is on Sinai." It is well-known that Hatzepout was a great queen of Egypt who ruled about 1500 B.C., and who opened copper mines on Sinai. The date, moreover, corresponds with that which Jewish tradition assigns to the lifetime of Moses.

RICH, PURE BLOOD RESISTS DISEASE

Dr. Williams' Pink Pills Make Rich Blood and Restore Health.

Thin, pale people lack the power of resistance to disease that rich, red blood gives. Nervous breakdown is the direct result of thin blood. So is anaemia, indigestion, rheumatism and many other troubles. People suffering from thin, impure blood need just the help Dr. Williams' Pink Pills can give. For thirty-five years Dr. Williams' Pink Pills have been world-famous as a blood builder and nerve restorer. Not only do they purify and enrich the blood, but they make new, rich, red blood which imparts fresh vigor and life to all the organs of the body. Their first effect is usually to stimulate the appetite; then the spirits revive and restlessness at night gives way to health restoring sleep. For sufferers from anaemia, nervousness, general weakness, digestive troubles, the after effects of acute diseases, mental or physical exhaustion, Dr. Williams' Pink Pills are a restorative of the utmost value. If you are weak or ailing give these pills a fair trial and the result is sure to be beneficial.

Dr. Williams' Pink Pills are sold by all medicine dealers or by mail at 50 cents a box from The Dr. Williams' Medicine Co., Brockville, Ont.

Old Toys.

Hour before Death.
What do you hear me
In your beautiful hands?

There are mountains of blue,
Made of all the eyes
Of all the loves
Of your youth.

There are valleys of green,
Made of all the seas
And all the fields
And all the paths
Of your youth.

There are silver rivers,
Swinging and leaping
And laughing
In the midst of the dreams
Of your youth.

Hour before Death.
You bear me these things
You bear me in your cool white hands;
For they are all I have
To take with me.

—Art Smith.

How Did You Catch It?

A well known doctor has ascertained that outbreaks of infectious disease may very easily originate in trees and shrubs and be carried by the insects inhabiting them to neighboring localities.

It appears that in the first place certain prickly plants sometimes harbor living germs known as flagellates, which, though minute in size, have long, prickly, and very active tails. The germs are eaten by insects visiting the plants, and remain alive in their bodies.

Further experiments were made in connection with the deadly disease known as "black sickness," and also with one so-called trypanosoma infections. In both cases it was disclosed that the prickly plants on which the tailed germs were first discovered, and the enormous spread of such diseases in swampy countries where parasitical insects may infect large areas can well be imagined.

It is always safe to send Dominion Express Money orders.

The Plaintiff on the Jury.

Since it is a place where human nature is constantly under examination and illustration, there is plenty of humor to be found in the solemn proceedings of the court room. One of the very best court anecdotes is told by the eminent English advocate Sir Ernest Williams-Walker.

A civil action was being heard in a certain court of justice, and counsel, having opened the case, called the plaintiff, whereupon a member of the jury rose, left the jury box and made his way to the witness box. Asked what he was doing, he said that he was the plaintiff.

"Then what are you doing on the jury?" said the judge.

"I was summoned to sit on the jury," said the man, producing the summons.

"But surely," said the judge, "you know that you cannot help to try your own case?"

"Well," said the baffled one ruefully, "I did think it was a bit of luck."

Minard's Liniment Relieves Pain.

Good Progress Made in Control of Arctic.

Good progress has been made by the C.G.S. Arctic in the annual patrol of the Arctic archipelago according to reports received by the North West Territories and Yukon Branch of the Department of the Interior by wireless.

The 1924 expedition sailed from Quebec on July 5 with Mr. F. D. Henderson, D.L.S., representing the Department of the Interior, in charge, and Captain J. E. Bernier in command of the Arctic. The object of this year's patrol of the Dominion's northern possessions was the re-provisioning of the posts at Pangnirtung and Ponds Inlet on Ellesmere Island, the establishment of another post and a general inspection.

When about 200 miles north of the strait of Belle Isle and off the coast of Labrador, the Arctic ran into a storm and shipped some water, which necessitated the throwing overboard of a part of the cargo of coal. The Arctic proceeded on its way and reached Cumberland gulf on July 22, where Inspector C. E. Wilcox, of the Royal Canadian Mounted Police, was taken aboard for his tour of inspection of the post. The ship arrived at Godhavn, Greenland, on August 11, sailing the next day for Ponds Inlet, which was reached on 5th August and Craig Harbor on the 6th. On arriving at the latter post it was learned that the main building there was burned in February, but all the men at the post were well. The Arctic proceeding north reached Rice Strait on August 11 and established a cache. Rice Strait is the body of water separating Pim Island, of which the eastern extremity is Cape Sabine, from the mainland. The Arctic then returned southward and made Dundas Harbor on the 17th, where the new post was established, and the buildings erected. The latest wireless message received August 23 indicated that the Arctic was then at Ponds Inlet and that all were well.

The mail for Captain Donald B. MacMillan, the United States explorer, was not delivered, as he was not seen nor any word received from him.

The success which has been attained in maintaining communication between the Arctic and the civilized world has been chiefly due to the regular commercial set. The short wave set has proved more satisfactory in the latter part of the trip than in the earlier.

THANKFUL MOTHERS

Once a mother has used Baby's Own Tablets for her little ones she would use nothing else. The Tablets give such results that the mother has nothing but words of praise and thankfulness for them. Among the thousands of mothers throughout Canada who praise the Tablets is Mrs. David A. Anderson, New Glasgow, N.S., who writes:—"I have used Baby's Own Tablets for my children and from my experience I would not be without them. I would urge every other mother to keep a box of the Tablets in the house." The Tablets are a mild but thorough laxative which regulate the bowels and sweeten the stomach; drive out constipation and indigestion; break up colds and simple fevers and make teething easy. They are sold by medicine dealers, or by mail at 25c. a box from The Dr. Williams' Medicine Co., Brockville, Ont.

Measuring Brides for Dowries.

A quaint ceremony is observed at Roydon, in Norfolk, England.

About three hundred years ago the Lord of the Manor bequeathed the sum of £1000, the interest from which was to be voted annually to provide dowries for four brides. Under the terms of the bequest, the money has to be divided between the youngest, the eldest, the shortest, and the tallest brides married during the course of each year in the parish church.

This entails the "measuring of the bride." After the marriage ceremony the bride and bridegroom proceed to the vestry to sign the register, and the bride is then measured by the officiating minister. In order that her correct stature may be ascertained, she is required to remove her shoes and let down her hair. At the end of the year the marriage records are examined, and the dowries awarded to those qualified to receive them.

To-day many people seem inclined to do as little as possible, but to get as much money as possible and to spend it extravagantly.—Field-Marshal Sir William Robertson.

BUSSES FOR SALE

Two 1918 Dodge Ten Passenger Busses suitable for use in Towns or Villages. No reasonable offer refused.

YELLOW CAB, LIMITED
37 Jarvis St., Toronto

WANTED FULL RIGGED SHIP MODELS

Send description and full particulars to L. COSTELLO
73 W. Adelaide St. Toronto

BENEFIT FROM TANLAC LASTING, HE ASSERTS

Ontario Man Says It Put Him in Such Fine Condition 2 Years Ago He Hasn't Needed Any Medicine Since.

"Well, sir, it looked like I was going to have to give up my job, but Tanlac kept me on the payroll and, of course, I'm strong for it," is the striking statement of Wm. Cranker, 84 Louis St., Brockville, Ont., who for 30 years past has been employed by the Canadian National railroad.

"My stomach went wrong 10 years ago and then I gradually got out of fix in lots of ways. I couldn't eat or sleep to do any good for nervousness and

The Cruise of the Belgenland Around the World.

Around the world in 133 days! To visit countries famed in song and story, countries whose history reaches back to the very beginning of time, lands of strange peoples and unaccustomed sights, such is the pleasure in store for passengers on the Red Star Liner Belgenland sailing from New York on December 4 next.

The first stop on this voyage of enchantment is at beautiful Havana, then on through the Panama Canal, along the colorful Californian coast to Hawaii, gem of the Pacific. Ten days of the balmy sunshine and smooth seas which characterize the Pacific in the winter season, brings the Belgenland to the mystic Orient. The Land of the Rising Sun offers many curious scenes for the Canadian, while Hong Kong is of special interest as an outpost of the British Empire. Shanghai and Singapore, the West Indies, Calcutta, Bombay and Ceylon, what visions of tropical grandeur these names suggest! A trip up the Nile, a view of Luxor, Cairo and Alexandria is followed by a visit to the Holy Land. Mediterranean cities next claim the attention of the traveller, who may continue his tour to include Switzerland, France and the British Isles.

Happiest of choices for this long journey is the Belgenland, of 27,200 tons register, 69 feet long and 78 feet broad. She has turbine engines, triple screws, and oil-burning boilers—the latter an important feature on a long voyage, as the use of oil fuel eliminates the soot, dust and cinders inseparable from the use of coal. She is the largest liner ever sent around the world. Equipped with all conveniences, powerful and steady, with generous breadth of decks and luxuriously fitted rooms, with two gymnasiums and a swimming pool, the Belgenland provides her passengers with every comfort at sea. The tourist is also well cared for on the overland trips and is free to enjoy the rich panorama day by day.

Full information may be had from H. G. Thorley, Ontario Passenger Office, 41 King St. East, Toronto.

The Dead-head.

The dead-head is not extinct; at least, he is not extinct in Crumville, where a fit-up company was giving "She Stoops to Conquer."

A resourceful man, wishing to see the show, approached the box office keeper.

"Pass me in, please," he said.

The man in the box office gave a loud, harsh laugh. "Pass you in—what for?" he asked.

The applicant drew himself up, and answered, haughtily: "What for? Because I am Oliver Goldsmith, the author of the play."

"Oh, I beg your pardon, sir," replied the other, and hurriedly wrote out an order for a box.



Say "Bayer"—Insist!

For Pain Headache
Neuralgia Rheumatism
Lumbago Colds

Safe Bayer package
which contains proven directions
Handy "Bayer" boxes of 12 tablets
Also bottles of 24 and 100—Druggists
Aspirin is the trade mark (registered in Canada) of Bayer Manufacture of Monopropionic Acid of Salicylic Acid

Sprains!
Avoid further pain and stiffness by rubbing with Minard's. It kills inflammation, soothes and heals.



Classified Advertisements

FOR SALE
APPLE BARRELS, ALSO BARREL STAVES, MILL SHAB WOOD, AND CORD WOOD. Reid Bros., Bothwell, Ontario.
Honor.
There is more honor in preventing a forest fire than in extinguishing one. Fighting a fire may be more spectacular and may gain public praise; Preventing a fire is usually done quietly and alone, but to the individual it brings the enduring satisfaction of duty well done, and, after all is not that what counts? Think it over.

Minard's Liniment for Rheumatism.

Follow Directions.
Mother had to leave little sister and the new baby in charge of big sister for the first time.
Baby was crying lustily.
Big Sister—"Oh, dear, why doesn't she stop crying? I don't know what to do with her!"
Little Sister—"Why? Didn't the directions come with her?"

Half the world is on the wrong scent in the pursuit of happiness. They think it consists in having and getting, and in being served by others. It consists in giving and in serving others.

MURINE For Your EYES

Refreshes Tired Eyes
Write Murine Co., Chicago, for Eye Care Book

FACE TERRIBLE FROM PIMPLES

And Blackheads. Irritation Intense. Cuticura Heals.

"I suffered terribly with blackheads and pimples. The pimples were large, festering and scaled over. They burned causing intense irritation. After washing my face the scales would fall off causing eruptions. I had to dispense with all pleasures because my face was terrible."

"I tried numerous remedies but all failed. I began using Cuticura Soap and Ointment and after using one box of Ointment and one cake of Cuticura Soap I was completely healed." (Signed) Miss Felicia E. Smith, 2271 E. 46th St., Cleveland, Ohio.

Cuticura Soap, Ointment and Talcum are ideal for daily toilet uses. Sample Each Free by Mail. Address: Canadian Importers, Ltd., 100 St. James St., Montreal. Write for new Shaving Stick.

FOR JOY OF GOOD HEALTH

Manitoba Woman Thanks Lydia E. Pinkham's Vegetable Compound

Crandall, Manitoba.—"When I was a young girl at home and working I had terrible pains, almost more than I could bear, and I was not regular. These troubles kept me so tired all the time that I had no strength and no ambition to join in with my friends and have a good time. I was just tired and miserable always and life just seemed as if it wasn't worth living. I saw so much in the papers about Lydia E. Pinkham's Vegetable Compound, and then I had a friend who had taken it and told me about it, so I got some. Every month after taking it I got stronger and I soon did not suffer every month. It stopped the pains and helped me and it made a new woman of me and able to do my work, and it helped me through confinement. You see I am a farmer's wife with a big house to look after, and three babies now. I have told over so many women about your medicine. Just last week I got a letter from my old chum in the East. Her baby was born fifteen days before mine and she told me she was not feeling very well, her back aches so much, and that she is going to take the same medicine I took. You can use my letter and I hope some one will be helped by it."—Mrs. Jos. H. Kidd, Box 56, Crandall, Manitoba. C

ISSUE No. 39—24.