Rays From Lamp Can Kill Germ

New Invention, Infection From Operations Is Reduced To a Minimum

A new lamp whose beams protect person against catching the other low's cold was announced at eeting in New York last week of e American Institute, New Yorks dest scientific society. The first installation is at the tel-

r's window of the Lafayette Bank d Trust Company at Sufferin, N.Y. was described as the culmination ten years' search for a form of ra-violet light to purify air and that man touches, without hurs his eyes.

n the bank window the m a curtain of oluish light falling am a long, horizontal, overhead e of mercury vapor. The curtos between teller and custome aths are instantly sterilized. The t kills bacteria in less than i

he rays also kill germs on the er surfaces of hands passing ey through the window, The n kill the germs on the exposed of the money,

his killing of the germs carried ouch is, for most of the infectidiseases, more important than lizing the air. The new light has n in the Sufferin bank a month hat time, officials said no irriteof eyes has been noticed.

ew Zealand Plans r Future Slumps

or Premier Is Ready For Them hen They Come - Wagelates to Be Maintained. ichael J. Savage, New Zealand's or Prime Minister, is ready for ible future depressions.

e has a plan of action all work. ut. It is largely a problem of y, he says, and the Government termined to base New Zealand's ces on production. If bad times in other countries, New Zeas standard of living will be prod by maintaining wage-rates of syment and protecting the inof farmers.

ere will be no cutting of public programs on the score of ecoand improved social services e maintained. The Premier al-Il not hesitate to use public to bolster prosperity if the nearmes.

announced that legislation will bmitted to Parliament whereby sisting pensions scheme will beapplicable to those of statutory ho have 10 years' residence in

re isn't any slump in New Zeaow, says Mr. Savage, since Der. 1935, unemployment has educed from 57,000 to less 0,000. Private income has ind by 36 per cent, in two years.

Antitoxin freatment Used

en Inhale Fumes, Aveil Painful Injections

very of a new method of adring diphtheria antitoxin to by inhalation instead of injections is announced in England. The antitoxin is as a fine mist and it acts by absorbed from the large surposed in the lungs.

by volunteers are described cet," the British medical joureven doctors stayed for 50 in a small sealed room bathfine mist of the antitoxin, a careful watch on each othanger symptoms.

eemed well and the dose was I in a fortnight. This time ame ill, with fainting sickness lache. In spite of these sympwhich the doctors say were no big a dose, the experiment ared successful.

lests showed the amount of in the blood had much inin one case by more than nes. The doctors now want the experiments with smalleaker amounts.

ouse In A Tree

d woman of the fairy tale d in a tree has a real-life art in the French village of re. Her home isn't so unble as it sounds, for actulives inside the trunk. fifty-four feet in circumat its base, the tree has roty in its centre, leaving a e enough for the old village stall bed, stove, chairs and ous kitchen utensils. nds her dwelling comfort-Warm.

slaughter on Skyway

ng commercial pilot has been with "manslaughter by e" at Bendix, New Jersey. arge, believed to be the first and ever lodged anywhere, om a crash in the air bevo planes. A passenger in hem was killed.

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SINGER DROPHEAD SEWING MACH-Ines - Reconditioned, guaranteed like new, \$14.00; new Williams Dropheads, \$9. Shipping and creating, \$2. extra, Sutherlands, 358 Gerrard East,

DON'T REBORE THAT ENGINE, USE Ovehaul patented mineral plating, restores compression, stops piston slap, smoking and oil pumping. Works while driving. Saves 50 p.c. of oil. Saves gas. 560,600 satisfied users. Highest British recommendations. Costs 13.75. Money-back guarantee. Free information. Ovrhaul Distributors, Box 63, Kitchener, Ontario.

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RING OCTOBER, NOVEMBER AND December last, C.W.S. sold 1700 dozen . thus, from 400 Bray White Leghorns, 34 cents dozen. Income, 578 dolars Feed costs, 204 dollars, Profits for 3 months, 374 dollars, Send for catalogue. Bray Hatchery, 130 John

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Beautiful chesterfield suite, 3 pieces, upholstered in a fine mohair with reversible Marshall cushions, brand new solid walnut chesterfield table, new table lamp and shade, new end table new modern smoking stand, new bridge lamp and shade, full size steel walnut ed, sagless spring, new all-felt mat tress, new pair feather pillows, large dresser in rich walnut finish, kitchen table and 4 chairs enamelled in ivory new 6' x 9' floor rug. 3-burner gas stove and a beautiful 32-piece dinner

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India Has Special Home For Snakes

BOMBAY. - Active in health research of all kinds is the Haffkine Institute of this city, which in recent years has performed such useful work as investigating the causes, incidence and remedies of bubonic plague. One of its departments is a "nursing home" for snakes, where at present there are about 40 specimens, including cobras, vipers, kraits and echis.

There is a considerable export from India of snake venom. Cobra venom is used in relieving acute pain from cancer and angina pectoris, and that of the viper has been found effective in checking excessive hemorrhage. One problem the institute has to battle is the habit the cobra has developed of going on hunger strikes. When the proposed "snake farm" in the institute is established, the reptiles, under natural conditions, should have better appetites, and thrive and multiply. This would relieve the transportation companies of the anxiety involved in bringing snakes from the jungle to the institute.

Haffkine Institute got its name from Waldemar Mordecai Haffkine, distinguished bacteriologist, under the Indian Covernment, who died a few years ago.

Claims Prior Right To British Crown

"King Anthony" Hall Says He Is Descended from Both Tudors And Plantagenets

"Yes, I am King Anthony of Eng-

land. Come in, sit down and I'll light This was the greeting given to journalist who went to a suburban home in London, England, to interview a bald-browed, tall man named Anthony William Hall, who spends his

time addressing public meetings to

prove that he, and not George VI.

should be King of England. Hall, who says he is descended both from the Tudors and Plantagenets, and, incidentally, claims the crown of Ireland because his mother's name was "Eire," bases his claims on the following contentions:

James I a Changeling

1. He believes the tradition that James I, King of England, was changeling and was actually the son of the Earl of Mar. So the Act of Settlement, establishing William of Orange on the throne of England, was invalid, for his claim was derived through his Stuart wife, Mary, and if

Mary was a Mar, the claim collapses. 2. He claims that Henry VIII had a child by Anne Boleyn before he had divorced Katharine of Aragon. This child, a son, he believes, was brought up by a farmer named Hall, in Sussex, and he can trace his ancestry directly to this son, known as John Hall. The son, he claims, did not dare claim the throne from Elizabeth when he came to manhood. He adduces the fact that Edward VI was never created Prince of Wales.

No Barrier to Inheritance

3. He claims that illegitimacy is no barrier to inheritance, as William the Conqueror and Edward VII both had illegitimacy in the blood, and Henry's claim as a Lancastrian, was admittedly through illegitimacy.

Hall makes frequent public speeches to keep his claim to the throne alive.

Smiles and Chuckles

April fool comes but once a year, the other kind come every day.

Young Son-"Say, Dad!" Dad-"Now what, young fellow " Young Son-"Nothing much. I was just fighting these pesky flies and wondering if Noah had two flies in Dad-"Why, I guess so. They say

he had two of every kind of living creature on that old boat." Young Son-"Then, what I can' figure out is why he didn't swat both of them when he had the opportunity.

Read It Or Not April Fool's Day is called: Trick Day in Portugal. Cuckoo Day in Scotland. Fop Day in Holland. Fish Day in France.

Doll Day in Japan. Joke Day in Russia. Boob Day in Spain. The word "April" is derived from the Latin aperire, to open, as the buds | Sulphur Acquires begin to open at this time of the year,

Neronaus. Woman (to new acquaintance) -"Now you aren't the kind of a woman who lets the dishes pile up in the

In Nero's time the month was called

sink, are you?" Friend-"I should say not. I make my husband do them."

The same fellow who can run a newspaper with all ease and please all the people, is having a heck of a time to keep people pleased in his own line of business.

Helen-"What is an octoroon?" Jacob-"An eight-sided cuspidor."

We want the best and it is only fair that we should try also to furnish the best.

The proof of the pudding is the eating-not the making:

Two men were hotly liscussing the merits of a book. Finally, one of them said to the other: First-"No. Friend, you won't ap-

preciate it. You never wrote a book Second-"No. and I never laid an egg, but I'm a better judge of an omelet than any hen in the country."

Mandy - "Rastus, why don't you work? Hard work never killed any-Rastus - "Dat shows what you knows about it. I've already lost two

Another approach to world amity: Never write a peace treaty until 10 years after the Armistice." He (throwing stones into the water) "I'm just a little pebble in your

wives dat way."

She-"Then why not try being a lit-

GARDENING

are removed.

freely and also, of course, to produce a symmetrical plant. Naturally any dead or weak growth should be re moved and also branches that rub against each other.

Where a fairly large quantity of flower or vegetable plants are to be started early indoors, a hot bed i indispensable, but where only a few of each variety are wanted, the job may be carried out successfully in a sunny window. The hot bed is usually prepared in March and simply consists of a bed of fresh horse manure, which supplies the heat, about 18 inches deep. On this, two or three inches of fine soil are placed and after the bed has heated up and then cooled down again-a matter of three or four days-the seed is sown in rows a few inches apart. The bed is protected by rough boarding along the side or heaped up earth and on top, about 10 to 18 inches above the bed, is placed a window sash well glassed and sloping towards the south. When the plants have developed their second set of leaves they are thinned out and before being transplanted outside they are hardened in a cold frame which is simply a hot bed without any heating material. The window hot bed is simply a shallow box two or three inches deep filled with fine soil, kept well

Into The Twilight

moistened.

Outworn heart, in a time outworn,

Sigh, heart, again in the dew of the

Your mother Eire is always young, Dew ever shining and twilight grey; Though hope fall from you and love

decay.

For there the mystical brotherhood Of sun and moon and hollow and

And God stands winding His lonely And time and the world are ever in

And love is less kind than the grey twilight. And hope is less dear than the dew of

New Importance

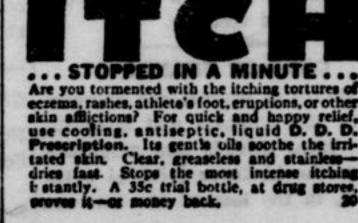
In The Story of Industrial Minerals In Canada

It is not just of gold that mining men talk these days. Talk two minutes to John McLeish, Director of Mines and Geology, Ottawa, and you will find that the big advance of nowadays is in sulphur and nepheline

syenite, says the Globe and Mail. Nepheline syenite is being shipped from Ontario for use in ceramics in the United States. Anhydrite is being shipped as fertilizer to England. The Algoma Steel Corporation is opening up the old Helen Mine for iron, and the big copper and silver mines are going after the production of sulphur for use in the paper-making industry. "Great things have been done these fields in Canada today and there are great things yet to be done," says

John McLeish. Had Been Importing It He used sulphur as an illustration. Canada for years, he pointed out, imported sulphur for paper manufacturing from Texas and Louisiana. And at the same time sulphur belching from the smokestacks of smelters blighted the countryside of mining towns in Northern Ontario and Brit-

ish Columbia.



PRUNING

From March until June is considered the best season for pruning, but there are a few specific exceptions. Most of these are the early blooming shrubs. These should be left until after blooming. Grapes must be pruned early in March to avoid excessive bleeding. Raspberries are pruned after the crop has been produced and then all the year old canes

The main object of pruning is to open up the centre of the growth so that sunshine and air may penetrate

A HOT BED

opening up for the mining of sulphur from pyrites, said Mr. McLeish. Nepheline syenite, another of the new discoveries, is a form of feldspar, which is cheaper than the feldspar now being used in china and glass making, he said. It is being mined in the Peterborough district and now is being exported. It was the discovery of new methods of processing the rock, to get rid of its iron content. that opened up this new field in Canada, he pointed out. Royal Winter Fair Continues To Grow Optimistic Outlook For 1938 Show-Ever-Widening Import-

Scheme. At the annual meeting of the Royal

ance In National Agricultural

speaker, the directors, reviewing the

now in its 17th year, gives abundant

sure its permanence, and that public

recognition of the annual service it

performs within the national agricul-

tural scheme continues to grow in

The last Fair was notable for exten-

sion in several departments and for

consolidation of established lines of

work in other departments. One of

the most significant developments was

the expansion to twice their previous

size of exhibits of Seed and Grain.

There is no doubt, the report adds,

that with more suitable grain-growing

seasons the Show at the Royal Winter

Fair will attain truly national import-

Signs of Healthy Growth

Show, as also in the local and historic

steady improvement noted for several

years past was carried forward with-

out abatement in every department

The growing number of American

live stock owners who exhibit proves

the confidence it has established.

notably in the Royal Horse Show and

in the cattle divisions. The director

look upon this feature as one of the

best signs for the healthy growth in

their institution in the coming decade

The financial statement shows a

Service Started

small but satisfactory surplus for the

Want Orthopedic

About 400 Infantile Paralysis Vic-

tims In Ontario Still Need

Supervision

Establishment of a generalized o

thopedic service throughout Ontario

for the prevention of child deformi

ties was advocated last week by Miss

Gretta Ross, supervisor of nurses fo

the Society for Crippled Children, in

addressing the annual meeting at To

Miss Ross pointed out that about

400 infantile paralysis cases still

needed suprevision and it was in this

connection that she expressed th

hope that some day orthopedic ser

vice would be created to serve the

whole of the Province.

in 1934.

in 1937.

past year.

Expansions also were made in the

ever-widening importance.

Come clear of the nets of wrong and

Laugh, heart, again in the grey twi-

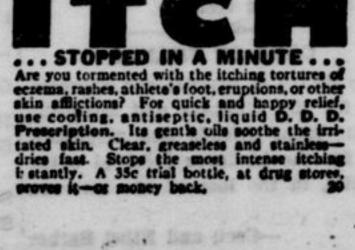
Burning in fires of a slanderous Come, heart, where hill is heaped up-

And river and stream work out their

Women's Exhibits and in the Dog exhibits of rural activities, and a ne activity was the revival of the Silver Fox and Mink Show. In fact, the

-W. B. Yeats.

Researchists went after the problem. At first they captured the sulpher from the smokestacks in the form of sulphuric acid. Now they have captured it in its elemental form both from the smoke and from pyrites. The Aldermac Mines, Noranda, was now



Gadgets Prove **Drivers Drunk**

"A bigger plug-

as a Nutl"

The PERFECT Chewing lobacco

and Sweet

Can't Be Fooled-Show Amount Of Alcohol In Breath, Blood

The defendant who stands in court and pleads that he had "just two beers, judge," may in the not too distant future find a couple of coldblooded little gadgets stacked against him to prove that he was lucky to miss the pink elephants that go with the D.T.'s.

One is a combination of suction pump and test tubes for "assaying" the subject's breath. The other is a hypodermic needle with which to extract a specimen of the subject's

Blood Tests Taken Winter Fair on March 23 when the The Journal of the American Medi-Hon. G. Howard Ferguson was guest cal Association discussed the situation at length last week and found: past year, found ample cause for con-1. That even one glass of beer ingratulation, they stated, that the Fair, creased the incidence of error in simple experiments: proof of a freshness and vigor to as-2. That two or three whiskies

caused "definite variations" from the

2. That slight intoxication started

normal acts of the ordinary driver.

when the patient showed alcoholic content of one-tenth of one per cent in the blood. Dr. Sidney Selesnick, of Boston, found that blood drawn directly from the body offered the most positive proof of intoxication and the best medium because it was "always available" and required no effort on the

Auto Radio Warns Nearing Train

part of the subject.

New Invention Causes It To Blare A Warning of Approaching

Danger

A red light will flash on the dashboard and the auto radio will blare a warn'ng of trains approaching grade creesings with a new radio invention | would permit larger profits from high described last week at Gary, Indiana. | grade ore, more and more low grade Designed to work in autos that are

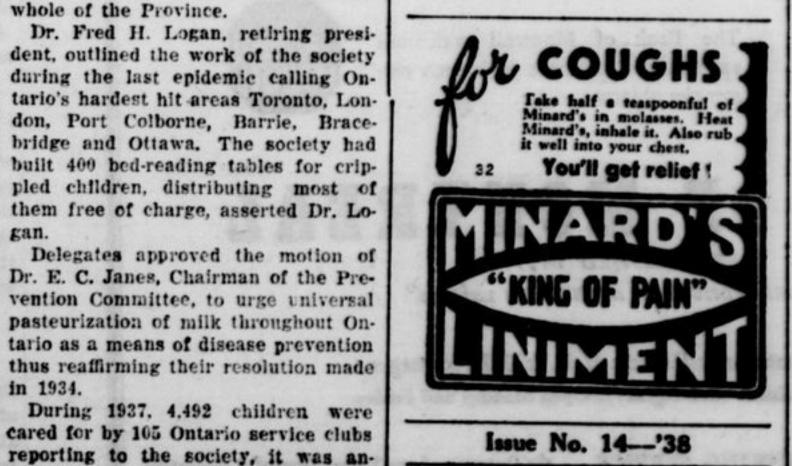
within the danger zone when a train

approaches a crossing, the device signals the auto dashboard at the same time that it starts the usual crossing lights and bells. The device, Clausing, one of its in ventors, explained, consists of a small radio transmitter placed at grade crossings and actuated by approaching trains as are warning bells and gates. A wire is strung from the transmitter to a distance of about one-quarter

mile along the road on both sides of the crossing.

Picks Up Waves Waves emanating from the wire within a 100-foot radius are picked up by a mechanism installed in auto radio receiving sets. The pickup in the auto radio can be set to operate at varying distances from a crossing. It operates only when a train is ap proaching. Even if the auto radio is playing music, the warning signal will drown out the harmony, said its inventors. Installation of the red warning light on the dashboard can be op-

The pickup, it was said, could be built into radio sets for from \$3 to \$4. and the crossings transmitters could be installed for small cost.



Insect Could Not Travel That Fast

Scientist Devotes Time to Debunking Deerfly Speed of 800 Miles An Hour

The speed of the Deerfly-which scientists have called the fastest thing alive-was reduced from its 800-mile-an-hour record to a mere 26 in experiments announced in Sci-

ence by Dr. Irving Langmuir. Dr. Langmuir went into his New York laboratory and made imitation deerflies which flew with precision equal to that of his chemical experiments which won him the \$50,000 Nobel Prize. He calculated mathematically what would happen with a deerfly at 800 miles an hour and the effect was teriffic.

Terrific Wind Pressure

The wind pressure against the fly, he found, would be eight pounds a square inch, probably enough to crush the insect. It would take onehalf horsepower a second for the fly to keep up the speed.

The fly would have to burn up 11/2 times his own weight every second to produce the energy needed, And, if a deerfly flying 800 miles an hour, hit a human being in the face, the fly would penetrate deeply into the

Engle Keeps Record

With these mathematics out of the way, Dr. Langmuir swung imitation deerflies on the ends of threads at measured speeds ranging from 13 to 64 miles an hour. They were against a good white background for clear seeing. At 26 miles an hour, the Nobel

ible. He concludes that 26 miles is This leaves the highest living speed record at present to the eagle, with about 180 miles an hour actually

Says Resources

measured during a swoop.

Mine "Depletion" In Canada Is Explained to Engineers

Mining engineers are growing aware of that liability known as "depletion," Hon, Michael Dwyer, Nova Scotia's Minister of Mines, told the annual meeting of the Canadian Institute of Mining and Metallary, meeting at To-

that your president finds it possible to record now, an observation that would not have been possible a few years ago, that is, the growing awareness by mining engineers of that liability known as depletion," Mr. Dwyer Mining More Low Grade In mine after mine, he said, it was found that the leaner ore was being

"It is with considerable appreciation

increased by millions of tons. At the same time mining companies had maintained dividend payments and ensured longer continuity of production and employment. "Notwithstanding the increase in

stopped and the richer ore conserved.

By this policy ore reserves had been

ore is being mined," he said. Exploration Limited The question of depletion was important because Canada's mineral resources were not boundless. Mining engineers recognized the fact that

if this prosperity was to be maintained "we must not only take stock of our known ore bodies, but increase the facilities for prospecting and geological exploration, encourage the search for new deposits and strive for ways and means of extending the life of

our present mines."

"Mind what you're doing."

of coffee?"

Trite Remarks

"I'll bet you say that to all the

"Is it cold (or hot) enough for

"Whose business is it?" "How much for the old bus?" "Is that the best you can do?" "How about a few rubbers of bridge?"

Wife (to husband)-"Can you let me have a little money till pay-day?" Husband (to wife)-"Do you think

with her war paint off." "Would you care to subscribe-?"

winner reports, the flies were "merely a blur." At 64 they were invisclose to the correct speed.

Not Boundless

the price of the gold ounce, which

geographical limitations of exploration were very definite. Phenomenal growth and prosperity of the industry in Canada was due to the intensive exploitation of the nation's immense mineral resources and

Father (to 'teen-age son) - Don't stay out late." Mother (to 'teen-age daughter) -

"How's chances for a little kiss?" "Can you spare a dime for a cup

"I know it's none of my business, "What you need is more exercise." "Make it snappy."

"I haven't get a thing to wear."

"You and who else?"

I'm made of money?" "I'd like to see what she looks like

"Aw, Mom, you're old-fashioned."

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