

Little Atom Buster-Eight-year-old Stefan Olsen gets an early insight into the mysteries of atomic energy, using this toy atomic laboratory. Though it includes radioactive minerals and a workable Geiger counter, the set is harmless and stresses the peaceful possibilities of nuclear research

take a chance on Pratt as coach, there was considerable head-shak-

ing, to put it mildly. Even his best friends and sincerest admirers

doubted whether the fun-loving

Babe would come through. But

weeks to lead his club into first place in the Pacific Coast Hockey

they've been up there ever since.

League's northern division - and

Not only do the Royals lead the

standings by a tidy margin, but

A lot of color went out of the up to now, McKenzie hasn't any regrets as it took Pratt just a few National Hockey League when big Pabe Pratt skidded or was shunted --you pays your money and takes your choice which—to the minors. Babe was born 10 or 15 years too late. He believed that hockey was fun, rather than big business. He thought that discipline was a word in the dictionary, and that home or your hotel room was somewhere to o when every other place was York Rangers, in their balmy days, closed.

All of which was quite out of place under present-day conditions. Still, you never were in any doubt as to whether it was the big guy in person, or just a reasonable facsimile, that was out there on the ice; and that's a lot more than we can say for a whole heap of highly publicized modern stars.

So it will be good news to thouands who still have fond memories of The Babe to learn that he is still in hockey to a large extent, and not doing any too badly, at that.

When Owner Kenny McKenzie, announced, at the start of the pres-



"Because I got sick of nothing but stripes, stripes, stripes!"

once, and Vancouver didn't get a single shot at the open Royal net.

CLASSIFIED ADVERTISING AND CHICAS AND CH

according to coast observers, their precision passing is a treat to watch—about as close to that of the New York Rangers, in their balling days, as you are liable to see anywhere.

Babe was always a bit of a gambler, and right from the start of the season, he has had unusual success in pulling his goale out of the nets in the closing moments of a light game. But a couple of his chance-valcing stunts in recent continues, the mark to a simple the puck, and had to retire to the mesters of the puck, and had to retire to the dressing room for minor repairs. The final period still had seen maintents tor un at the time.

There was the usual "time-out called to await the return of his goale—but Pratt couldin't see any reason for such a delay, ("Maybe he had a heavy data and was at every commented, but that, of course, is merely surmise).

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The final period still had seven content the final period still had seven on for such a delay, ("Maybe he had a heavy data and was at every commented, but that, of course, is merely surmise).

Look at it this way. If good of severy commented, but that, of course, is merely surmise).

The goal heavy data and was at every commented, but that, of course, is merely surmise).

If eggs are selling for only thirty seems are a surface concerned, thing are bound to the higher cost.

The goal had to retire to the decessing room for minor repairs. The final period still had seven had to retire to the goale—but Pratt couldin't see any reason for such a delay, ("Maybe he had a surface, the repair had been provided from the control of the provided from the provided from the provided from according to coast observers, their precision passing is a treat to watch

Here are some marks well worth

14

Now, here are some hints you

might find worth while. A high

death rate can push up your costs

of raising laying pullets as much as

twenty to forty cents per bird. Aim at saving 98 out of every 100 chicks

Moore, for example, holds his mor-

First, he cleans his brooder house

thoroughly - scrubs it with lye

He starts his brooder stoves at

Moore uses a sulfa-medicated

150 200 * *

Eggs per Eggs per Pullet 12 14

shooting for:

Month

September

October

December

anuary

March

June July August

Total

working right.

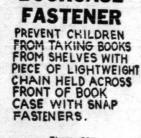
is more, he got away with it, the substitute holding the Portlands off the score sheet for the balance of the period. * * *

More recently still-in Vancouver this time-Pratt pulled an even more incredible stunt. Midway through the final period, Vancouver had a 5-2 lead. When a Vancouver player received a five-minute penalty, Pratt sent his goalie to the bench and brought in an extra for-

HOWEDER



- By Harold Arnett



PIPE STEM CLEANER

CLEAN PIPE STEM HAVING WIDE HOLE BY KINKING CLEANER CAUSING IT TO CONTACT BOTH SIDES OF HOLE.



as the bacteria in it create vitamin B₁₂, or something like it.

* * *

The right sorts of feeders really save feed. Aim at raising broilers (one to 12 works) and the same than the s extra eggs to more than cover her extra cost. ALL SHE LAYS BE-YOND THE FIRST THREE ARE ALMOST CLEAR PROFIT. Another thing to bear in mind is

(up to 12 weeks) on three and a half pounds of feed for each pound this: it's not only HOW MANY
eggs you get, but WHEN you get
It's not the

half pounds of feed for each pound of poultry:

It's not the feed your birds eat that costs you money. The feed the birds waste is what runs up your feed bill. Leslie Norton cuts down this cost by using four different sized feeders.

SNOWSHOES: All aizes and styles. Bates' more oblistered toes! Folder, "Snowshoes harness (pat). No lin Cemfort," on request Bates Snowshoes. Metagama (via C.P.R.), N. Ontario.

New JOHNSON Outboard Motors. Canadian Cana them, that makes money for you. sized feeders. He starts out by feeding on egg flats for three or four days. Then

he uses a chick-size feeder. At three weeks he switches to a larger size, and to a still larger feeder at six weeks. George Roche has found that doesn't pay to fill chick feeders more than half full. If you put more in them, the wasted feed will cover the feeders will cover the feeders for the feeders in them, the wasted feed will cover the feeders for the feeders doesn't pay to fill chick feeders in them, the wasted feed will cost | 8 you more than the extra labor of

filling the feeders oftener. Aim at cutting your rearing losses. A good mark to shoot for is saving 97 out of every 100 pullets you start on range. As simple a thing as picking the

right day to move your pullets to range can make a lot of difference in death losses. Donald Crooks your brood. Here's how Clarence | found he had more coccidosis when he put his birds on wet range. Now he waits for dry weather, and save more birds. He won't vaccinate in rainy weather for laryngotracheitis, bronchitis, or Newcastle disease,



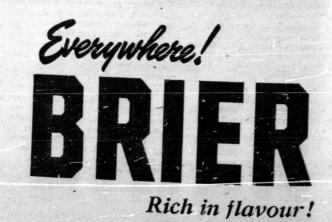
BAGS, BARRELS & DRUMS

TRACTOR OWNERS

SPRAY WITH A SPRAMOTOR

How I Subdued





CLASSIFIED ADVERTISING

Wild Fiery Kch-



ISSUE 12 - 1950



The Ontario Society for Crippled Children, aided by 150 service clubs, sees that every crippled child in Ontario in need of attention gets it. Here a patient chats with his sponsor, Robert Thompson and Lindsay Scott, chairman of the crippled children's committee of the Hamilton Shriners. The Society's Easter Seals appeal for funds continues until April 9. Donations may be sent to Timmy, Toronto.

When They Opened The Erie Canal

Finally, the Erie Canal . . . astonished the world, for it was an undertaking of such magnitude that the like of it had hitherto been accomof the Old World and by means of the labor of slaves.

It is but natural, therefore, that

the unique spectacle of the celebration of the opening of the great waterway, upon a stage stretching from Buffalo to New York, before an audience composed of a large part of the population of the state, should appeal to English artists in search of American views, and that their sketches should be used to decorate the pottery of Staffordshire. It is with pride, mingled with wonder and no little amusewaterway, upon a stage stretching from Buffalo to New York, before with wonder and no little amuse-ment, that one reviews the story of

He's Laughing Out Loud

Dick Collier, who is probably the

buck, he's ready to titter, giggle, snicker, guffaw, shriek, howl,

snort, chuckle, gurgle and other-wise convulse himself for all com-

ers. He'll laugh any place, any

time, anywhere, if the pay is right.

Collier's vocal talents alone are

inflicient, since he has a truly in-

ectious laugh and has proved

same through appearances on the

radio and on records. But when you throw in his physical appear-ance (which is a big job, because

he's well over 200 pounds) you've really got something.

Dick Collier looks like a laugh.

belly-laugh, with a built-in chortle.

As such, he's an up-and-coming

television performer and has his laughing eyes focused avidly on the

He laughs for a living for two

commercially-minded guy and, as

ne says. "Take a look at my puss.

Doesn't it make you laugh? Sure, it does. So why shouldn't I cash in

Secondly, he's a happy character.

He traces his happiness to the war,

when he was badly hurt. For a

dime, there was some question of

his coming out of it all right. But

"I found out that just being

alive," he says, "is the most wonderful thing. So now I get a kick
out of a rainy day."

During the war, he'd been a
one-man show for Army special
services. He spent 17 months in
Persia, giving above at services.

easons. First, he's a down-to-earth,

fertile fields of Hollywood.

fact, he looks like a walking

world's only professional laugher, started in business with a guffaw

(At the Drop of a Buck)

Great Lakes were mingled with the Atlantic in New York harbor. No the tow-path drawing the canal boat, Seneca Chief, which bears Governor Clinton and his associates resplendent Doge of Venice, standing upon the prow of his gayly bedecked Bucentaur and casting the jewelled ring into the waters of the Adriatic, thereby symbolizing the Governor Cinton and his associates followed by the canal boats Superior, Commodore Perry and Buffalo. At the end of the procession is Noah's Ark, from the "unbuilt City of Ararat," having on board a bear, marriage of Venice to the sea, was ever more proud than was Governor fish, besides two Indian boys in na-Clinton as, standing upon a primitive canal boat draped with the Stars and Stripes, he poured a barrel of Lake Frie water interest and a stripes of the Frie water interest and stripes of the stripes of Stars and Stripes, he poured a barrel
of Lake Erie water into the Atlantic
Ocean thereby accomplishing the
One smiles at the allegorical pic-

to awe, one listens to the sound of ment, that one reviews the story of the opening celebration, as it is recorded in the old china illustrations.

The colclustion is not the story of that reverberating cannon shot, which fired at Buffalo and repeated in succession by cannon stationed along the entire length of the

ing to approach domains not theirs by right, to enter through the open lock. Upon the deck stand two The celebration began at Buffalo, the junction of the canal and Lake Erie, continued at each little hamlet and city along the banks, culminating at last in a blaze of glory and along the entire length of the canal, proclaims in one hour and 20 minutes to the people of New York City that the little fleet is under way. Four gaily bedecked horses then proudly prance along brightly painted kegs marked "Lake Eric"—the water from the lake which is to be used in the celebration in New York.

—From "The Blue China Book,"
by Ada Walker Camehl.

Machine Solves Chess Problems

Chess players will either be de lighted or furious—it all depends on how they feel about the game by the invention of Mr. T. Nemes, Chief Engineer of the Hungarian Posts Research Station. It's a chessproblem-solving machine, an inger ious, fearsome looking contrivance of thermionic valves, photo-electric cells and cathode-ray tubes amid a mass of wires, lights, dynamos and other intricate gadgets. All the player has to do is to feed his problem into the machine, which works at lightning speed through all the possible combinations of three legal moves—one by Black and two by White. After brief space, out comes the solution

If there is no solution the machine

tells the player so! Mr. Nemes is not content with producing a problem-solving ma-chine. He is now at work on another more intricate affair which will play a game of chess and which, Dick Collier-He laughed the he says, "may surpass the schemes of thought of the great masters." What a jolly evening the chess best paid laugh ever laughed. player can have by letting the maact around his laugh, a piercing shriek that had been a big hit with chine play-and win-his games fo him while he gets on with some thing more urgenti

An indolent Vicar of Bray, His roses allowed to decay. His wife, more alert, Bought a powerful squirt And said to her spouse, "Let us spray."

pleasingly plump people"). A Broadway producer hired him to sit in the audience of a new musical comedy and laugh in the right places. His laughter made others laugh, and the play became a hit. Then comedians took up the idea, and Collier made a nice living laughing in radio studios, night clubs and theaters. But his code of ethics makes

He studied laughter, and devel-

oped a routine that encompasses

(he says) more than 200 different

kinds ranging from the timid laugh

(used "when the little woman is-

the shaking laugh ("peculiar

sues her orders for the day") to

Persia, giving shows at remote camps. He'd play the piano, sing songs, tell jokes and look funny. The GI's liked him. him refuse to laugh unless something is funny.
On one television program, Col-When he was discharged, he demided to give show business a
whirl, despite the fact that he had
spent five years at Boston Coustudying spent five years at Boston College. calls his crown studying psychology. He built his the last laugh.

tion were extremely primitive, of simply iron tubes with holes pierced who coyly hang back as if hesitat-

his discovery. When a newspaper dangerous to take a lighted candle into a room full of coal gas, he

Cigarette Lighters-A Milestone In History of Conquest of Darkness

several large cotton mills were lit

Institution in London. Electric

a hundred years—Carl Van Wels-bach invented the incandescent gas

struck with a wheel. He thus pro-duced the first "flint" But it is

important to remember that this a pound."

Most people don't realize what a wonderful thing the modern cigarette lighter is. It is almost a magical trick, when you come to think of it. You whip out a little metal gadget, press the top, and a flame appears for your cigarette. This familiar, everyday gadget, which we casually use and take for granted, represents an interesting milestone in the long history of the conquest of darkness by Man.

The was not until the First World War that the flint was incorporated in a primitive form of cigarette lighter consisting of braided tow enclosed in a small metal cylinder (sometimes a cartridge-case). This was surmounted by a fine-toothed wheel and flint.

Friction between the two produced a spark, and this ignited the tow, which when blown upon, created a red glow sufficient to light a cigarette.

conquest of darkness by Man.

Strangely enough, the most primitive methods of illumination were mathematical and vegetable kingdoms, in all our drink and victuals. mitive methods of illumination were still in use 150 years ago, and the tremendous acceleration in the dis-It forms a part of ourselves."

Despite these shady beginnings, the Pall Mall was illuminated by gas five years later, and, by 1811, coveries which led to the modern forms of gas and electric lighting corresponded with the Industrial Revolution. Even the Eddystone by this method.

A year earlier, Sir Humphrey
Davy demonstrated the electric arc
between two carbons to the Royal Lighthouse was maintained by candles at the beginning of the

nineteenth century.
Oil lamps of various kinds appear to have been used, roughly, om the year 2,500 B.C.; lamps of hollow stone or sea-shells have been found in many parts of the world. The Greeks and Romans knew almost as much about lighting as was known in the eighteenth

we know how primitive Man produced fire by rubbing flints and sticks together. An ancient Per-sian legend describes its discovery. "A great hero named Hushenk hurled a mighty stone at a snake. The snake escaped, but the stone struck a rock. Light shone through the dark pebble, the heart of the rock flashed out in the quarry, and fire was seen for the first time in the world."

Inventive processes in the mind of early Man are difficult to trace, but it is easy to imagine a caveburning in fat dropped from a roast-ing carcass and proceeding from that observation to build a primitive lamp. The production of fire by striking a flint in such things as the tinder-box and flintlock rifle came very much later.

Various kinds of oil lamps have been used in the intervening years, mination by gas dates back to 1765, when a man named Spedding, who loved near Lord Lonsdale's coalgas to his offices, where he used it for illumination. He tried to obtain permission to build gas reservoirs to light the streets of his village, but this was refused by the local magistrate.

Early experiments in gas illumina-

in them, and the slightest obstructioin or rust resulted in a dim, over-cooled flame. The discovery fell into hands of a financial "tycoon," as we should now call him, named Winsor. He was not particularly scrupulous about the claims he made f

substance bears no relaion to the genuine flints, the geological depo-sits used in the tinder-box and flint-lock rifle. It was not until the First World

light a cigarette. From this developed the modern cigarette lighter, though some years passed before the cigarette lighters were perfectly satisfactory and could be accepted as a respectable

Easy Money

mechanical gadget.

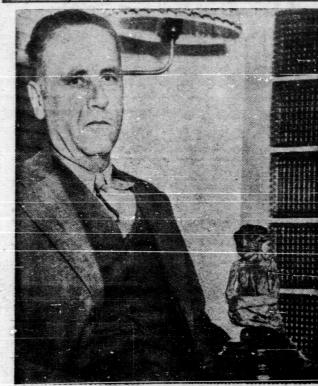
lighting developed at a slower pace | An American had an invitation to than gas. New kinds of improved gas-burners were introduced, and in 1885—after an interval of over in 1885 after an interval of over the erack shots in the States. Tomorrow you will be loading fo

mantle.

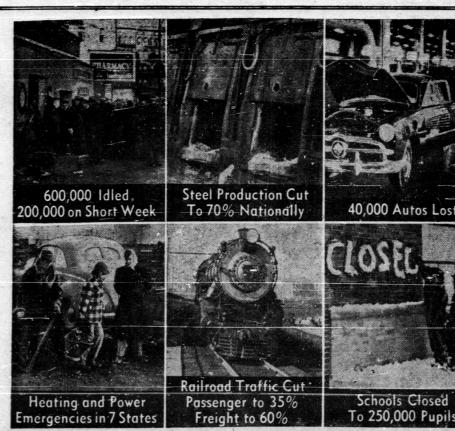
It was he, too, who discovered

The following average of the f The following evening the gamethat cerium and iron fused together resulted in a hard substance which

emitted a brilliant spark on being emitted a brilliant spark on brilliant spa ridge," he said, "I'd have made just



Midget Mummy Up For Exams—Ivan P. Goodman, holds the 14-inch figure which he believes to be the mummy of a miniature prehistoric man. The "mummy" was found by a group of workers in 1934 in a formation of solid granite inside a sealed cave. Goodman bought the figure from a man who believed it brought bad luck. Scientists are studying the piece to deterly was the body of a man.



Cost Of The Coal Strike—Here is what the month-long general strike by 372,000 United Mine Workers and the resulting coal shortage cost in industrial lay-offs and other hardships.

The Newschart gives highlights of a nationwide survey on effects of the strike.









