

This Canadian mine is one of the greatest sources of uranium in the world. Uranium is basic raw new atomic bomb. It is found in pitchblende, which is also the source of buildings make up the plant of the El Dorado Mining and Smelting Co., taken

By DR. FRANK THONE

You much Have when bus, tion unlet and hour chile thin, and

Not even the sky will be the limit to the world-shaking effects of atomic power, if science can harness this spectacular new discovery to peacetime use.

If atomic power is technologially manageable, if atoms of the more abundant elements (say sodi-ium, or magnesium, or silicon) can be put in a sufficiently unstable state for practical use, and if the economics of the whole procedure can be kept right-sire up, then the world we live in will be a fantastic

You can take as many flights of fancy on your mental wings as you like. Here are just a few of the possibilities: Jet propulsion of aircraft, and

of ships and land vehicles as well, could be enormousy simplified. An atomic jet-engine might consist simply of a casing with a "disintegrator" suspended in it. On this, water might be rermitted to drip Split into oxygen and hydrogen, which would immediately mite as steam, this would provide a light power-source costing almost nothing for fuel and nothing for inbrication.

Space Ships Possible Or, if one of the abundant and cheap elements, like silicon from common sand, could be persuaded

to split up and supply atomic power, rocket-propelled space ships could soon become realities, ever carrying human passengers, hardy enough individuals could be found to man them-which would undoubtedly be easy enough. One or more of these jet of rocket units could be secured to ends of short crosspieces on a revolving shaft - and behold, you have a simple but efficient reaction-turbine, ready to run a big electric generator or to turn d rectly all the wheels in a factory Despite the warning in Presi-

plication of atomic power to the

course of research and develop-

ment, speculation about its postware effects is inevitable.

BURMA STAR

dent Truman's first announce ment, in which he stated that ap-

Will there be no further need for coal, or oil, or water power? Are stocks based on these commodities and the utilities consuming them destined to hit bottom and never come up again? Will cheap power be so' plentiful that even Hottentots can own whole batteries of milking machines? Will atomic power, in short, bring on an earthly para-

dise after it has swiftly finished

We know the terrific power re

about how they are developed .It

may very well turn out, when all

the facts are released, that more

power is required to extract the

to find new jobs for everyone in

these industries, or support there

on the proceeds of the new atomic

Since atomic power continu

for the time being at least, to be

obtainable only from uranium

Other fuels will continue in use,

there won't be so much of it

but there will always be an un

easy uncertainty about their fu-ture. And we can doubtless ex-

pect fevered prospecting for new

bodies of uranium ore-"uranium

rushes" like the gold rushes of

Finally, as long as atomic pow

er remains on anything like its

present basis, a terrific instrument

of political and social control will

be held by the Federal Govern-

ment. For, according to the official

announcements, all patents cover-

ing the precesses and uses of the

material are assigned to the gov-

ernment, which has spent two bil-

lion dollars of taxpayers' money on

PACIFIC STAR

and cheap.

powered ones.

the past.

iranium from the ore than the

ased by the new atomic bombs

but we don't know a thing

its present job of raising concentrated hell? No dogmatic, hard-and-fast an-swers can be given as yet. We just haven't facts enough. The questions have to be met with other questions. Here are two or

How far are we from practical application of atomic power for purposes less violent, more controlled, than bombings? If it always develops in such shattering, blasting outbursts it may take a long time to harness it.

Remember, one of the first attempts at an internal combustion engine was a Frenchman's invention, in which gunpowder was to be the fuel. It was not success-

Atomic "Fuel"

It has been suggested that the energy of atomic disintegration be used indirectly, to avoid this violence of action. Minute quantities of an atomic "fuel" might be released at a time, in contact with water, to generate steam. That might work, or it might "crack" the water into hydrogen and oxygen, forming an explosive mixture. There'll be no way of knowing until it's tried. So we come back to the President's declaration that there will have

to be a lot of research first. Is uranium, apparently the only element used in the new bombs, likely to be the sole source of atomic power? If so, the question may become pretty much an academic one, unless much larger bodies of uranium ores can be dis-covered. There isn't enough uranium in sight at present to power the world's industries. It would be like discovering that diamonds are the project.

CAMPAIGN RIBBONS FOR CANADIAN FORCES

1939-45 STAR AFRICA STAR DEFENCE MEDAL

These campaign ribbons have been officially authorized by His Majesty, covering service in Africa, Italy, the Pacific, Burma, Northwest Europe, and Atlantic convoy routes. The ribbon for these campaign "Stars" and for the Defence Medal, which is for non-operational service outside the Western Hemisphere, is in short supply, but there should be sufficient by the end of November for those entitled to wear them. Most home-coming personnel have already been issued with ribbons denoting service in Europeon theatres.

PREMIER'S LADY ROMPS WITH PET

FRANCE AND

GERMANY STAP

ATHLONE TAKES SALUTE OF TROOPS MARKING VJ.DAY





In the arch of the Peace Tower of the Parliament Buildings, Ottawa, Canadian's Governor-General, the Earl of Athlone, takes the salute of Ottawa's official celebration of VJ-DAY when hundreds of servicemen and women marched past the reviewing stand. With his Excellency are Prime Minister King and Defence Minister McNaughton. In the lower picture, Maj. Gen. B. M. Hoffmeister, General Officer Commanding the Canadian Army Pacific Force, spoke to all ranks at Brockville headquarters, thanking the their replanting to present the properties.

GENERAL EISENHOWER WELCOMED TO MOSCOW



Marshal Gregory Zukov, left, and General of the Army Dwight D. Eisenhower, salute as the American and Russian national anthems are played at Moscow airport. Generalissimo Stalin invited Eisenhower to review parade of 40,000 Soviet Athletes from atop Lenin's tomb. He is the first American accorded such an honor.

DELIVERS NEWS



Swiss Charge d'Affaires Max Grassli delivered the good tidings that Japan had accepted surrender ultimatum. He arrived at the office of Secretary of State James Byrnes at 6:10 p.m., with a portfolio containing the historic answer.



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CHRONICLES of GINGER FARM

ed by events, rather than lays or weeks.

cided with the termination of r son's thirty day-furlough and had fond hopes when the good broke it might facilitate his arge which he had applied since his dad is no longer carry on alone.

t could he get it - or even ension of leave? The answer 'no, a thousand times no". But er was his request rejected suppose all the letters, papers affidavits are lying forgotten ome little pigeon hole until cone gets around to digging out. Apparently the only way tion from his superiors is to AWOL. And then he finds out hurry how much the army him and how determined i get him back. Not that son has ever tried anything quite



by Laura Wheeler

oider this restful countryside on a wall-panel. Do the easy re; color chart; stitches twenty cents in coins s cannot be accepted) for ttern to Wilson Needlecraft Room 421, 73 Adelaide St. onto. Print plainly pater, your name and ad

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ISUE 35-1945

like that. There is so much work waiting to be done at home.

Gwendoline P. Clarke

We have threshing to do, oats to draw in and barley to cut — and son Bob, because a wire from headquarters has been held up some place, is on draft for Camp Borden! Partner isn't able to cut the barley; we can't draw in oats until we have threshed; and we can't thresh until Bob gets back home to look after things. And the threshing machine is on the line and will probably want to move in sometime tomorrow. We are also afraid to leave the house very long in case "long distance" should call, If I have to go out I generally warn Partner to listen for the phone. But that idea doesn't work too well because he generally falls asleep if he is left in the house too long alone, I tell him his guardianship is parellel to that of King Alfred and the cakes. . . .

Since I had to be in the house so much lately I thought it might be a good idea to get a room papered - a job that has been hanging fire for some time. Our young niece Betty is staying with us so it occurred to me that with her help I might even be able to paper the ceiling — a job I have never yet tackled alone. The ceiling was low enough that I could reach it from a chair and

the room not so terribly big. So I hopefully cut and measured one strip of paper - I thought one piece would be enough to experiment with. Well, I wrestled with that piece of evil for nearly an hour — pasting and repasting. At one time I had it wrapped around me like a winding sheet and of course I finished up by tearing it into any number of pieces. In desperation I came downstairs and phoned a neighbor - "How do you get one end of a strip to stay on a ceiling while you fix the ther?" I asked. Well, after she had finished laughing at me she said - "You just leave it for now

and I will come down after supper and help you." So that was that. The ceiling was done that night and Betty and I papered the walls next day. It is grand to have neighbours and neices! . . .

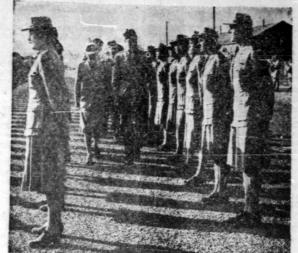
Another telephone call ... Bob, from down town . . . he was on to Camp Borden when his name was called and he was sent back home again. "All's well that ends

Auntie: "How did Jimmy get o in his history exam?" Mother: "Not very well, but it wasn't his fault. They asked him things that happened before the poor boy was born."

DREAM TURNS REAL



For nearly 15 years, Dr. Syngman Rhee, above, has been presiden of the provisional government of Korea. For most of that time he has headed a mission in Washington seeking U.S. aid for his Korean independence campaign that his government might take over. Two years ago the United Nations pledged his country independence. With Japan beaten, Dr. Rhee's dream nears reality



Conducting his first inspection of troops since returning from overseas, MAJ.-GEN. B. M. HOFFMEISTER, C.B., C.B.E., D.S.O. and two Bars, Commander of the Canadian Army Pacific Force, recently reviewed C.W.A.C. personnel of the 2nd Echelon, C.A.P.F. at Brockville, Ont. Gen. Hoffmeister is shown here inspecting the ranks. The inspection coincided with the 4th Anniversary of the C.W.A.C. organization.

From Canada's Kitchen in the Dominion Department of Agriculture come these tested methods or canning peaches. Yield—One 20 lb. crate of peaches, yields about 10 quarts of canned fruit. One 6 quart leno (heaped) basket, 10 lbs., yields about 5 quarts of fruit. Quantity of Syrup-If peaches

Thin-16 cups water to 8 cups Very Thin-15 cups water to 5

21/2 cups sugar. Bring sugar and water to boiling point; skim. Peaches-Hot Pack Prepare syrup. Blanch peaches, remove skins, halve and pit; slice if desired. Drop in brine (1 tea-

once in clean hot jars; halved peaches cut-side down. Leave headspace: and cans-14 in.

a knife down and around inside of container. Partially seal screw and spring top sealers. Seal vacuum sealers. Process in boiling water bath:

from draughts: do not invert. Sugarless Canned Peaches Blanch peaches, remove skins pit and slice. Drop in brine (1 te

down until fuice covers fruit. Leave headspace: Screw and spring top sealers

Vacuum sealers-1/2 in.

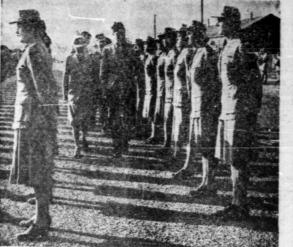


TABLE TALKS

are ripe they are quite sweet and require very little sugar. Either

cups sugar. 6 gt. leno basket Thin-8 cups water to 4 cups

declined, should he ask her again at some other time? 6. Is it correct for parents to introduce their children to adults? 6. What is the proper position to place a butter knife on the butter plate?

ANSWERS 1. Yes, and it is also safer than getting out on the traffic hide. Of course it would be more con-venient for the driver to get out on the left side. 2. Before the guests enter the diningroom. 3. The hostess should accept the refusal and not make the offer a second time. 4. That depends entirely upon the manner in which she refused his first request. He must use his best judgment as to

Climate Note

whether the girl really cares to extend the friendship. 5. Yes, and it is excellent training. Well-bred parents should do so at every opportunity. 6. Diagonally across the

Passengers on a Portland, Ore., even with the windows open, it was hotter in the bus than outside says the New York Times. Only the driver, a discharged war vet-

YANKS IN PARIS CELEBRATE PEACE

jeep, American G.I.'s and a Wac ride ris, waving Allied flags and cheering the

Remove air bubbles by running | the tropics.

Piling aboard a passing jeep, Am

C.W.A.C.'s REVIEWED

cuum sealers and tin cans.

Process in boiling water bath:

Pints and 20 oz. cans-20 min.

Cool tin cans quickly under cold

Quarts and 28 oz. cans-25 min.

water. Cool glass containers away

Modern Etiquette

By Roberts Lee

1. Would it be permissible for

a man to pass in front of a wo-man, in order to get out of an

2. When giving a luncheon,

when should the bread and butter plates be put on the table?

3. What should a hostess do if

a caller refuses a cup of tea or coffee?

4. If a man has asked a girl

for permission to call and she has

automobile on the curb side?

Very Thin-71/2 cups water

spoon salt to 1 quart cold water to preserve colour. Drain. Sim-

Pints and 20 oz. cans-15 min. Quarts and 28 oz. cans-20 min Cool tin cans quickly under cold water. Cool glass containers away

spoon salt to 1 quart cold water) to preserve colour. Drain. Heat slowly in just enough water to prevent sticking, until juice begins to flow, about 3 to 5 miutes. Pack a oce in clean hot sealers. Pack

and cans-1/4 in.

a knife down and around inside of container. Partially seal screw and spring top sealers. Seal va-

Canned Peaches

a thin or very thin syrup is suit

mer 5 minutes in syrup. Pack at

Screw and spring top sealers Vacuum sealers—½ in.
Remove air bubbles by runni

"Boy! She looked it. War surely has it compensations." "Yes," said Roger wryly. "It's been a great war for the Fabres. We'll all be sorry to see it end." He fell si ent, thinking of that last lovely picture he had taken away with him, the bright faces of the children, madame's burning black eyes and the pride in them and the tears that were like jewels in the eyes of Meridel. Behind them the gray walls of the chateau; behind it the hills crowned with the dark green beauty of the spruce trees and the pines.

Gen. Deuglas MacArthur, ap-. . . memory of it for me-not the mountains and the seas between; not years it I should be kept away the driver, a discharged war veteran, remained cool and calm.

Finally, it was discovered that all the heaters were going full blast; the driver had recently roturned from the South Pacific and he was more components, the driver had recently roturned from the South Pacific and he was more components. The came there once for a little while and possessed it, and he does not easily let go. I'm sorry the code for him before the components when the code for him before the code of the co

more comfortable than at any time since he had come back from so dark, so shamefully dark. 1 would rather have bested him in fair fight or at least have had the chance to fight, even had I lost. There's something hollow about this victory, something that robs it of its savor. Dreaming thus, he dozed off and it was not until they had rolled into

"Did I miss much, Pete?"

Gradually, quiet descended on the great house as the laughter, the busy tongues were stilled by sleep. Rudolph, the incorrigible, went to the kitchen soon after dinner, to sit n the chair he loved, to talk gravewith Gesner and the cook and Florian and the other domestics, of

CHAPTER XVI "What's in the wind, Peter? Any

"Ah, well!" Roger looked at the

clear blue sky and thought of Meridel's eyes and closed his own.

It would be good to fly again, to range the heavens wide and free.
"By the way," said Peter Ayscough, "I heard they found that

ritzy station wagon of yours aban-doned at Sainte-Barbe, not far from the border. The fugitives grabbed some farmer's truck there and took it almost to the line

And they're over, I guess. They

seeem to have vanished into thin

"I thought they'd get away.

Nervy beggars."
"It's a devii of a note— That

Kehl-Captain Manfred Kehl -a big shot Nazi; the other lad,

Faber, was a hell-raiser too. No end of trouble with him in the

camp, I heard from a chap who did duty there. They'll find some pals in the States, you may be sure. I suppose they'll turn up next in Tobruk."

Roger, deep in his heart, did not

know whether to be glad or sorry that Michel had escaped. For a

a pursuer's gun would be the best

answer to it all. Now he did not

know. His own happiness was so great, so wondrous. Perhaps the

Americans, this time, would grant

no bail, would take the men and hold them prisoners until the war

was over. Certainly it would be foolhardy to let those two escape.

Well, anyway, it wasn't his worry

The children had presented Pe-

ter Ayscough with a huge basket or ribbon-candy, barley toys, bon-

bons, fruit and nuts, which he con-

sumed happily along the way at the

constant hazard of wrecking the machine and breaking their necks.

the princess?"
"Yes—that was the princess."

"It will be a relief to get up in

any more.

they of castles, inns or cottages. He, who was to the manner born," found his greatest ease and happiness in the inglenook.

Madame and Meridel shared the fire in the room upstairs. It had been a good day. The events of than the wine stain on the taupe carpet. But the beauties of the day had taken some of the ugliness from them; the sweet and gentle spirit, the love that had pervaded the house had driven those dark shadows into hiding and both of them prayed, the old lady and the

young girl in whose eyes the dreams refused to die, that they would not come again. "You sent Roger away happy this time," said madame. "Never before have I seen him go so gayly leave so much that he loved be-hind and depart singing. But it was so teday. I think he must have taken something very precious

Meridel colored, looked at he hand that he had kissed. 'Something very small I think, madame. He asked for my love and I told

while he had thought, with Tante Mimi, that perhaps a bullet from him it was freely given."

The old lady looked at her shrewdly for a moment: then at the fire. She rubbed her chin on the gleaming knob of her stick. "Freely, yes," she said after a moment. "Sometimees, I know, it we should like to give.

"And is not that selfishne madame?" The thin shoulders shrugged. 'Say, rather, it is human naturea perverse, stubborn, sometimes hateful thing. Logic stops at human nature. Why do we do the things we do, hein? Why should we cause pain to those who love us most? Roger adores you, but you know what it is in love-one who loves, one who permits herself to be loved. It is like that in any

the air again, Pete," said Roger gives, the other takes. Oh, I have as they slewed away from the edge of a gully and grazed a telephone "You think it is like that withpole on the other side of the road. "So safe up there." with Roger and me?" "It is a bit slippery, sir. Gosh, you must have had a swell time

her hands. "I do not know. Oh, he at your aunt's place, if this is a sample of it. Was that pretty girl is so fine. He is what you call a noble knight. I am nothing. By accident of birth I was taught to consider myself something for a while. Not now. Where is my no bility compared with his, with that of so many thousands of men like

him-kings, princes, knights-'
(To Be Continued) Hirohito For First Time Takes Orders Emperor Hirohito-whom the Japanese believe descended from the sun - becomes a mouthpiece

pointed Supreme Allied Commander to receive the Japanese surrender, will tell Hir when they accepted the surrender terms. Nothing like this-taking orders from a white man or any foreigner-has ever before happened to a Japanese Emperor. Hirohito has no choice. He has agreed to carry out orders given him by the Allies.

the outlying districts of the city where Ayscough had a chance to do some really fancy driving, that he awakened—just as their front fender grazed the mighty bumper

"You have no idea, sir." Pete grinned cheerfully. "All men, espeially truck drivers, will remember the passing of Peter Ayscough."
"With a blessing, I'll bet." "Well, I did hear some of them mention names that go with blessings, though their faces belied their words. But I do my best, my very best, and do it every day. Always the first to spring to arms at the call of duty. that's me, Pete."

wars and tre aftermath of war, of his own experience in the army of France in the First World War. He spoke of the great generals of history, of the first great Churchill, Corporal John, Duke of Marlborough; of Prince Eugene, of Napoleon, We'lington and Blacher. He



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ITALY STAR

Unawed by her insband's elevation to Prime Minister of England, Mrs. Clement R. Attlee plays with the family dog on lawn at the family home at Stanmore, Middlesex. Looks like both the lady and the pup have a strong grip on things.





Surrender of Japan brings freedom again to one of the war's early heroes—Lt. Gen. Jonathan Mayhew Wainwright, above, the must who took up the fight where MacArthur left off and held Betan to the end, the man who so inspired his troops that they changed the name of Corregidor to "Wainwright's Rock." Since he surrendered Corregidor on May 6, 1942, he has been a prisoner of the Japs.

