

# INCO TRIANGLE

VOLUME 7

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NUMBER 7



*TACKLING A PROBLEM AT COPPER CLIFF*



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Don M. Dunbar, Editor  
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## HOW IS YOUR BRAIN-POWER?

Bluebeard's previous wife had been Mrs. Joyce, and Mrs. Bluebeard was Young's second wife. Yep, that's the way things were in that marital mixup we tossed at you last month, and anybody who doesn't agree should try it over again slowly.

We hereby doff the editorial chapeau to a flock of people who doped out the answer and forwarded it in terms so clear and convincing that even we could understand. Probably the best submission was that of John Groeneveld, who works on 1600 level at Frood and has been with the Company for seven months. John laid it all out as you would for a small child, and with quivering hands we cling to his careful exposition; he says he spent four hours on it, bless him. Another reader who served the right answer up on a platter was Tom Dunn, the sedate steward at the Copper Cliff Club, for whom our previous great respect automatically multiplies tenfold.

Margaret Mowat, Copper Cliff, slipped us the needle when she wrote that the riddle took her only a few minutes to solve, and all we can say for Margaret is that we fervently hope she stubs her toe on this month's problem. That fellow Ron Silver, of Mines Efficiency, who always bobs up with the right answer about 10 minutes after he gets the paper, is another brain-truster we pray will come to grief on the next poser.

Picked at random from the batch of solutions, for every one of which we want to say thanks, were the following: Wilf Duchesne of the metallurgical department, who doped it out on the street car riding home from work; Mrs. D. Reynolds of 241 Hyland Ave., Sudbury; Mrs. Tom Porter of Humberstone, next-door neighbor of Port Colborne; Ted Dauchy and H. S. Lewis of the New York office, and it's always a pleasure to hear from these two inveterate puzzle fans; Don Wulff of Copper Cliff, who adds to his note that his solution is submitted by the son of the man who likes to eat a missionary's daughter (see last issue); J. L. Roy of the Copper Refinery, a mathematician whose perspicacity always puts us back on our heels; Robert Boudignon of the paymaster's office, not so long ago a Triangle picture contest winner; Tom Crowther of Safety, whose reply is stamped 4:15 p.m. of the day of publication, making him the first reader under the wire; Vic Stone of the Garson time-office, from whom we don't hear often enough; Bill Zyma of Creighton, who hit the answer right on the nose.

From A. H. Olfert of Frood comes the suggestion that we start running a crossword puzzle each month. An enterprising follower of the synonym pastime, Mr. Olfert even submits a puzzle which he has composed himself. We would like to hear from our readers on the subject; if enough say yes, we'll certainly start a monthly crossword puzzle.

Now, kids, are you ready for the next question?

This issue we will discuss the case of the

## Robert C. Stanley Receives High Honor



Recognition of his outstanding contributions during the war and in the period of reconversion was the award last month to Robert C. Stanley, president of Inco, of the King's Medal. The announcement was made in London, during his visit to subsidiaries of the Company in the British Isles. The medal, instituted by the King in 1945 "for civilian services to the Allied cause," was given to Mr. Stanley for his valuable work both in the industrial sphere and with the British War Relief Society in the United States. In the above photo Mr. Stanley is seen performing a function which always gives him keen satisfaction—presenting a Quarter Century Club button to an Inco employee. The recipient in this case was Guido Cherzi; seated are Vice-President R. L. Beattie and W. J. Hutchison, treasurer of the Company.

man who had no money (probably an Editor) who wanted to stay at a farmhouse during the entire month of July (July has 31 days). He had no money to pay for his board but he did have a bracelet which contained 31 links and the farmer kindly offered to let him stay if the gentleman in question would give him one link from the chain every day in payment. In order that the boarder could give him one link a day, every day, during the month and would at no time owe him any links or be owed any, the farmer said three links of the bracelet could be cut. By cutting three links of the bracelet, the boarder was able to give the farmer one link a day. It was also permissible for the farmer and his guest to make change with the links. Just how was the bracelet cut so that this plan worked out? In other words, for example, at the end of the 19th day the farmer would have 19 links and the boarder 12 and so on.

### THE FRONT COVER

To get the action picture of rugby which is featured on the front page of this issue of the Triangle, four members of the Copper Cliff High School team went through their paces on the school campus time after time while the camera clicked. The hardy quartet which co-operated to produce the cover shot were Keith Cleland, Dario Nicoli, Bernard Leclair, and Louie Core. Thanks, fellows!

### POOR PREACHER

An Indian named Big Smoke was employed as a missionary to his fellow Smokes. A white man asked Big Smoke what he did for a living.

"Umph!" said Big Smoke, "me preach."  
"That so? What do you get for preaching?"

"Me get ten dollars a year."  
"Well," said the white man, "that's pretty poor pay."

"Umph!" said Big Smoke. "Me pretty poor preacher."



### RECORD SQUASH

Nothing seemed too good for the prize exhibit from daddy's garden, so Wanda and Pam McKenzie took it for an airing in their doll carriage. A Hubbard squash. It was really some baby, weighting 47 lbs. and measuring 49 inches in circumference and 23 inches in height. Gardens were exceptionally good at High Falls this year. In addition to a bountiful yield of squash and other vegetables, Art McKenzie picked 125 quarts of luscious strawberries from a plot about 10 feet square.

A dime is a dollar with all the various taxes deducted.



## Record Crowd Of Visitors In Tour of Plants

When 175 businessmen from Montreal, Toronto and New York, accompanied by representatives of Sudbury Chamber of Commerce, toured Inco plants on Sept. 22, they formed the largest group of visitors to which the Company had ever played host. Organized by Montreal Board of Trade, the party travelled by special train, inspecting mining properties in Northern Ontario and North Western Quebec.

A week later, on Sept. 29, about 55 members of Toronto Board of Trade also toured Inco plants. A group of 100 school teachers, and some 75 delegates attending a young people's convention in Sudbury, are other parties for which arrangements have been made to see something of the industry.

### Five Buses Carried Group

In the top picture is the scene across the north end of the Frood section of the Open Pit as the Montreal expedition viewed the operations. The five buses carrying the visitors are parked on the promontory from which the visitors got an excellent view of the big electric shovels loading the 30-ton trucks, and the churn drills pounding their 9-inch drill holes into the orebody. The size of the pit, now about a mile and a quarter long and 300 feet deep, and the magnitude of the equipment, particularly impressed the delegation.

The 34 rumbling mills in the concentrator grinding aisle, the seething baths of molten metal in the fiery hearts of the smelter furnaces, and the vast area of electrolytic units in the tankhouse at the copper refinery, were other sights which prompted them to call Inco one of the greatest "shows" they'd ever seen.

In the second picture some of the visitors are seen as they inspected a display of products at the copper refinery. One of the most keenly interested was Mayor Camillien



Houde of Montreal, (front centre, with cane), whose questions showed a quick grasp of the processes.

Addressing the Toronto Board of Trade members following their day's inspection Hon. Leslie Frost, provincial minister of mines, said, "There is no study in which the Toronto Board of Trade could engage which would mean more to Toronto and to Ontario than a study of the mining industry." He traced the history of the nickel industry, and said that since the first shipments up to the end of 1943, the production of Ontario's copper-nickel mines has amounted to the sum of \$1,500,000,000, and wages and salaries paid out aggregate more than \$400,000,000. He stressed the importance of science and research to the past and future of the industry.

### Highlights of Inco Record

Among the information picked up by the visitors were the following highlights of recent Inco operations in Canada alone:

Paid \$21,000,000 in wages and salaries to an average working force of 8,200 employees in one year.

Paid over \$6,000,000 for railway freight in one year.

Paid approximately \$30,000,000 for supplies and equipment in one year.

Used almost 150,000 h.p. of electric power in one year.

Used over 77,000,000 board feet of timber in one year in the mines.

Used almost 600,000 tons of coal in one year.

Used more than 250,000 tons of coke in one year.

Used 4,500 tons of explosives in one year.

### CREIGHTON BOWLING LEAGUE

With a total of 38 teams, comprised of 228 bowlers, the bowling league at Creighton Community Hall is all set for another big season. There are eight teams in the men's major loop, nine in the men's B, seven in the ladies', and 14 in the mixed.

Master-minds have been elected as follows: men's league, president, Norman Reid; secretary, Vic Tremblay; treasurer, Ted Whiting; ladies' league, president, Ilma Maki; secretary, Helen Cassel; treasurer, Irene Seawright; mixed league, president, Albert Cassels; secretary-treasurer, Bob Seawright.

\* Shouting is the effort of a limited mind to express itself.—Our Wife (Columbia Picture).



## Adopt New Method of Artificial Respiration



### INCO PLANTS TO USE EVE SYSTEM

All Inco first aid rooms are being equipped with specially designed stretchers for using a new method of artificial respiration which is recognized as much more effective than the Schafer method regularly practised.

Since a simple substitute such as a door or a plank will serve in an emergency where a stretcher cannot be obtained, the new method should be carefully studied by all our readers as well as by first aid men. Its use may avert a tragedy at home or at camp where other systems of artificial respiration might fail.

This method of resuscitation, developed by Dr. Frank C. Eve, is known as the Eve or rocking system and is standard in the Royal Navy and the U. S. Coast Guard. It is reported to give 12 times more air per rhythm than any other accepted method.

#### Anybody Can Do It

In the illustrations the stretcher shown is 6'0" in length. The head end is 18" wide and the bottom end 13" in width. Slots are located at various points in order that the patient may be securely lashed to the stretcher by means of wide lamp wick. The fulcrum is the centre of the stretcher and this allows the patient to be tilted at a 45° angle at either end. When the head end is down the intestines push the diaphragm against the lungs and deflate them. When



the foot end is down the intestines and diaphragm fall back and air is permitted to rush into the lungs. The method is simple and can be performed satisfactorily by any untrained person.

The following rules apply:

- (1) If the stretcher is immediately available place the patient face down on it and lash him securely.

(Continued on Next Page)



## No Ration on Strokes for Open Pit Golfers

(2) Raise the feet and pull the stand into position. The head should be kept down until all water has stopped flowing from the mouth which has been forced open and foreign bodies such as false teeth removed.

(3) Tilt the stretcher 10 double tilts per minute and continue until breathing commences or the patient is pronounced dead.

If the stretcher is not available at once, start the Schafer method and continue until a stretcher can be obtained. Transfer the patient to the stretcher but continue the Schafer method until you are ready to commence rocking.

It should be clearly understood that it is not necessary to have a standard stretcher to carry out this work. A plank or old door placed on a trestle, loop of wire or tree stump will serve the same purpose. However, the fulcrum should be at such a height as to ensure a 45° angle at either end.

### Pictures Show How

Use of the Eve method is illustrated in the accompanying picture layout. In the first photo the Schafer method is being applied while a stretcher is brought. Then, between two rhythms of the Schafer method, the patient is turned on his side while the stretcher is placed beneath him, as seen in the second picture. The Schafer method is continued while the patient is being firmly strapped to the stretcher (third picture), and also while the stretcher is raised and the rocker or fulcrum is dropped into position beneath it (fourth picture). Then the rocking motion, at the rate of 10 double tilts per minute, is commenced (fifth picture).

Those taking part in this demonstration for the Triangle camera were Tom Kierans, Tom Crowther, and Angus Harrison of the Safety Department, and Jeffere Perrins, first aid man at Copper Cliff Smelter. The "patient" was Darryl Pollock.

### TEACH HIM WATT'S WATT!

Judge, to prisoner: "What is your name and occupation, and what are you charged with?"

"My name is Sparks, I am an electrician, and I am charged with battery."

Judge, after recovering: "Officer, put this man in a dry cell."

### SCHOLARSHIP WINNER

Morris Wasylenki is one of the winners of this year's Dominion-provincial scholarships, valued at \$400. After attending Coniston Continuation School for four years and Sudbury High for his final term, he has entered the University of Toronto for the course in medicine. He is the son of Mr. and Mrs. Walter Wasylenki of Coniston, where his dad is employed in the smelter.

## Cliffies Take Title In Mercantile Loop

After reaching the finals the hard way in a gruelling best-of-three series with Shamrocks which went to six games, Copper Cliff polished off Demarcos in three straight to take the championship of the Mercantile Softball League in Sudbury.

The Cliff club sailed through the 12-game schedule without a defeat, finally broke the stalemate with Shamrocks, and then left no doubt of its superiority by routing the Demarcos tribe. It was Laurie Boulet on the mound, backed by some powerful hitting, that gave Demarcos the business. Boulet, long-time ace hurler in local softball, threw for three wins in successive nights and did not issue a walk in the last two games. Warren Thompson was the mighty man with the stick in the finals; he had six hits, scored six runs, and batted in seven runs, in 16 trips to the plate. Two of his hits were homers. Oran Dickie and Lud Ryski each had a home run and a double, as well as singles. Pope Bray was a tower of strength in the field. In the last game every man on the Cliff lineup got at least one hit, with two or more going to Vern Johnston, Lou Scanlon, Jiggs Canapini, Oran Dickie, Warren Thompson, and Lud Ryski.

The victorious lineup: Bray, 1f; Newell, rf; Johnston, 3b; Thompson, c; Ryski, 2b and ss; Panke, ss; Scanlon, 2b; Canapini, cf; Dickie, 1b; Boulet, p.

\* The superior man is distressed by the limitation of his ability. He is not distressed by the fact that men do not recognize the ability he has.—Confucius.

As intimated in last month's issue of the Triangle, the annual Open Pit golf tournament, held at Sudbury Golf Club, had all the earmarks of a 30,000-ton blast except the smoke. The banquet and presentation of prizes will be held the latter part of this month, and will feature such special attractions as Jolly Jim Miles, Joker Jim Stanley, and Johnny "Trumpet" Juryczak and his Mining Minstrels, augmented by a truck and bulldozer engine minus exhausts.

Caught in an unusual quiet moment, the Open Pit golfers are pictured above: front row, Dick Walde, Tommy Fitzgerald, Bill Paulson, Jim Miles, Dick Dow, Wally McIntosh, Bill Young, D. Parker, Don Munn, Larry Munro, Cam Girdwood, Lloyd Morden, Pete Stewart, Jerry Marcotte, Les Thornton; centre row, Jack Garrett, Jim Stanley, Johnny Juryczak, Richie Gallagher, Mike Opabeychuk, John Serpell, Fred Beauchamp, Mac McAllister, Mac McNeill, Bill Oliver.

### Had To Leave Early

"Otherwise engaged" at the time the picture was made: Curly Malloy, Red Stuart, Tom Zaitz, John McAlpine. Also absent were Cliff Stewart, who had to leave early to catch a 5-lb. speckled trout for supper, and George Holmes, who smelled frost in the air and hiked for home to cover his rose bushes.

Strokes and good fellowship being unrationed, the Pit golfers helped themselves to liberal quantities of each, and had a rare old afternoon together. They are highly appreciative of the classy array of prizes made available for their tournament.

### MOVING IN SOON

As rapidly as they can be completed, in the face of a labor shortage and difficulty in obtaining materials, the 88 new homes now in the course of construction in the big Inco building program at Copper Cliff will be occupied by their new tenants. The new houses will go a long way to relieving the pressure on living accommodation in Sudbury, and the Company's initiative toward this end has received much favorable comment. Many of the new dwellings will be occupied by Christians.

### NOT A BAD IDEA, EITHER

Somebody has just discovered what Scotchmen do with old razor blades. They shave with them.

## Olympic Committee Should Check on These Two Fast-Travelling Prospects



They wanted a close-up of a blast at the Open Pit. And, as is the way with movie camera men when they want something, they were determined to get it, no matter what. They got it, but not without some excitement.

Doug Rothacker of New York, motion picture director who for years has periodically made films of Inco operations for educational purposes, was in the Sudbury District last month to bring his file up to date. One of the subjects on his schedule to be shot in detail was the Open Pit, and the prize sequence he was after was a blast close-up. Handling the movie camera for him was Allan Grayston of Associated Screen News in Montreal, assisted by Roger Bouchard. It should be recorded that Allan is the short,

comfy type, and Roger is styled in the lean, greyhound motif.

To film the blast close-up, it was necessary to have the camera as near the loaded face as possible, but that was no place for sensible people to be when the explosion went off. Even for determined moviemen from Montreal it was no place to be.

### Barricade The Camera

Pit Supt. Cliff Stewart and his personnel helped Allan and Roger over the hurdle. They moved a blasting shelter up to the nearest point at which Allan could get the picture in his view-finder, and barricaded it with powder-boxes filled with sand.

First of the above pictures shows the face to be blasted. It is already loaded, but as usual the shovel and trucks are carrying on

operations until just before blasting, when they make a strategic retreat from the scene. In the meantime (second picture), Roger and Allan are putting the finishing touches to the barricade in front of the blasting shelter which houses their camera equipment. The tripod has been lashed to the floor of the shelter and they hope the vibration of the blast won't jar it enough to spoil the picture. The lens of their camera can be seen through the small opening cut in the front of the blasting shelter.

The third "shot" in this sequence shows the face after the blast, with tons of loose muck lying ready for the shovel, but much has transpired in the interval.

In regular preparation for the blast, all men were cleared from the pit—all, that is, except Allan, Roger, and the blaster, who was snug and safe in another shelter a full 100 yards back from where the boys had their camera set up. About 16 seconds are allowed between the warning signal and detonation of the blast. To get the picture, the trick for Allan and Roger was to start their camera turning at the first note of the warning whistle and then get out of there. This they did.

### No Time Lost

Poised for flight, the two moviemen awaited the whistle. At the instant of its first hoarse warning Allan touched the trigger which set the camera in motion. Then those two fellows took off for the blaster's shelter 100 yards back. They had 16 seconds to make it, which was ample time for a slow-footed moose. Actually their total elapsed flying time should be brought to the attention of the Canadian Olympic Committee. But the pay-off was when short and comfy Allan skidded to a stop at the blaster's haven a full 10 feet ahead of lean and greyhound Roger. It will never happen again, Roger says.

## THE SPORTSMAN

The sportsman gives the game a chance, and if the bird can win.

He has a happy tale to tell at night when he comes in.

The sportsman sees a larger thing than victory or gain.

He'd rather never take a prize than have it with a stain.

The sportsman knows and heeds the rules. He will not stoop to take

A mean advantage of his foe, though victory is at stake.

He'll give his rival every chance to beat him if he can.

He'll battle or the goal he seeks, but battle as a man.

The sportsman has a code to which he clings in spite of all.

He may be hungry but he will not keep a trout too small.

He may be facing failure, but he'll face it with a grin.

And he will not strike a coward's blow or break a rule to win.

Oh, son of mine, when hope grows faint and bitter is the fray.

Stand up and take the punishment in honour's sporting way.

Play fair with man and bird and beast and keep your head erect.

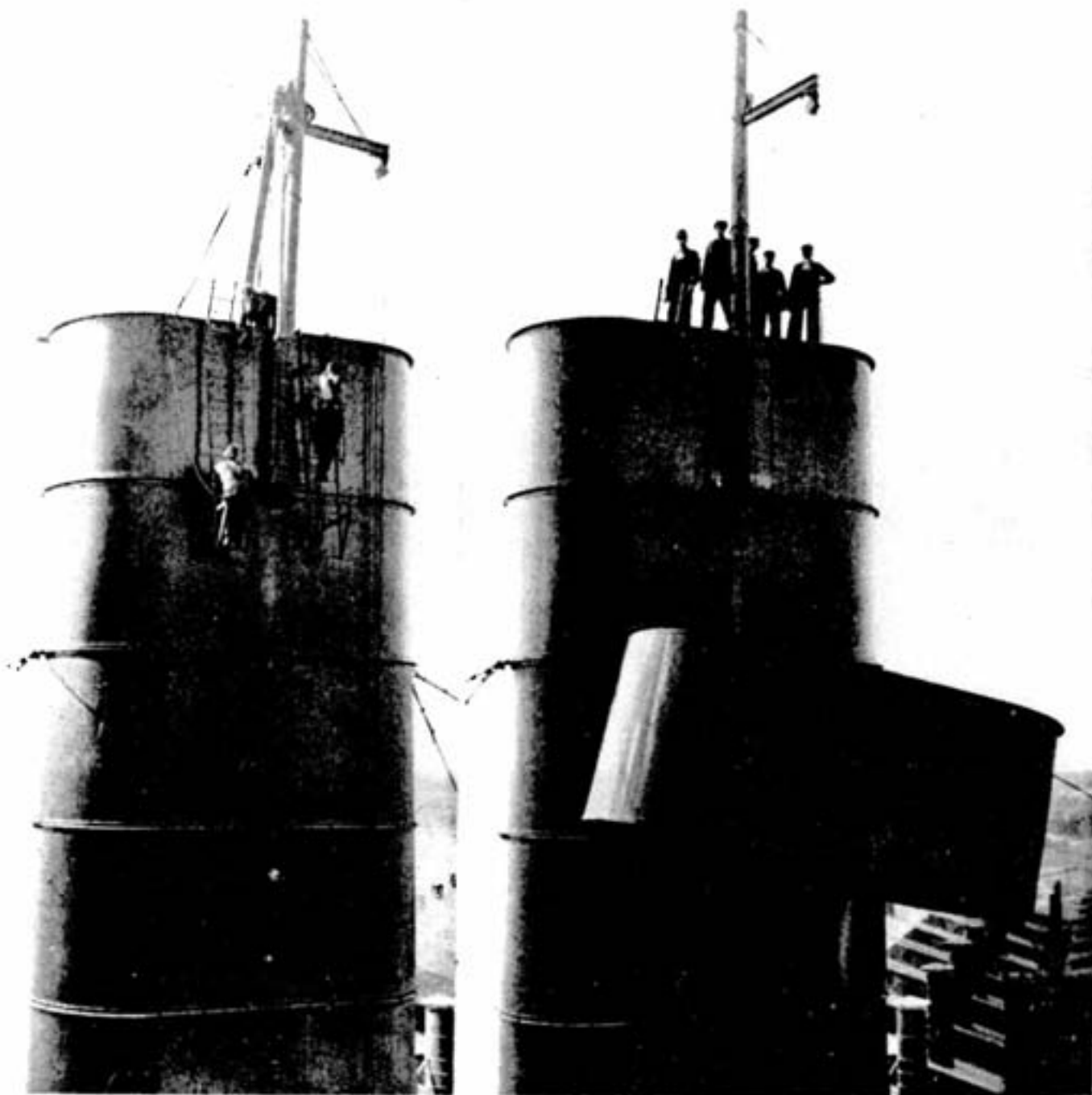
'Tis better far to lose the prize than lose your self-respect.

### FIFTY-FIFTY

Jack: "Who's the boss in your house, Jim?"

Jim: "We share the management. My wife bosses the servants and the children. I attend to the goldfish."





## RIGGERS DID SMOOTH JOB IN ERECTING VENTILATOR STACK

Erection of a ventilator stack over No. 1 converter at Copper Cliff Smelter posed a problem which the Mechanical Department took in its stride. Now in place, and reaching 88 ft. above the roof of the big building, the new stack is doing a swell job according to Smelters Supt. Dunc Finlayson, and greatly improves working conditions in the plant.

The stack was raised in sections, each of which is 8 ft. high, 9 ft. wide, and 20 ft. long. Made of  $\frac{1}{4}$ -inch steel plate, each section weighs 2½ tons. Total weight of the stack, which is supported on steelwork in the converter building monitor, is about 30 tons.

The first 40 feet of the stack was put up with a gin pole. Then the gang of riggers

switched to a smooth construction system for which Master Mechanic Bill Ripley gives full credit to Jack Beaudry, rigger boss, whose name is familiar to Triangle readers as a Suggestion Plan winner. Jack and his men worked out a slick plan of installing a jib on each top section for raising the next section, and thus "pulled themselves up by their bootstraps". In the first of the above pictures two of the riggers are engaged in bolting the jib to a section in preparation for raising another. In the second picture a section is being hoisted to be swung into position on the stack. At this juncture we would like to mention, just in passing, that, standing where those guys are standing, our knees would be knocking so hard they'd hear

them in Peru.

The men who worked with Jack Beaudry on erection of the ventilator stack were Leo Lafreniere, Art Schyrer, Russ Frank, O. Cooney, Jimmy Moulahan, Eddie Calssey, D. Lalonde, George Langdon, A. Lampl, C. True, Mose Vaudry and Abe Bergman, all miscellaneous fitters of the Mechanical Department.

### WALL STREET HUMOUR

Down on Wall Street, in New York, when the market is dippy-doodling and the boys with the dollars don't know which way to jump, they have their own brand of humour to relieve the pressure. For what it's worth we pass on a gag reported from Wall Street in the daily press last month. Asked a wag: "Did you hear about the report of a merger of Worthington Pump and International Nickel?" Said his victim: "Ridiculous! Why should those companies merge?" Gagged the wag: "To make pumpernickel."

# Creating

Although Canada consumes only a fraction of the nickel produced in the world, the country's extensive sales efforts by the Com. expanding industrial market and increasing that fraction in both importance. A powerful ally of the department at Toronto is the carded advertising program published in newspapers and periodicals. Broadly speaking, Inco's Canadian sales falls into two classes. C beamed directly at users of nick





# ing an Inco Advertisement

only a small ad by Inco, in company in an are steadily both size and of the sales carefully planned in Canada.

and appears for the most part in some 50 trade papers and similar media. The other class is designed and written to point up the value of our nickel in the Canadian economy as a means of employment, an export factor, and a leading force through its versatile application in thousands of alloys as a builder of the Canadian industrial fabric. This latter class is usually known as "institutional", and in the advertising field Inco is highly respected for the program it has

developed along this line since early in the '30s.

## Illustrates Interdependence

The current series of Inco institutional ads, appearing in some 85 newspapers, farm papers and periodicals from coast to coast and each aggregating more than 45,000,000 impressions, stresses the interdependence of Canadian citizens engaged in industry, and shows how much one man's job, possibly in a factory in Montreal for instance, means to another man's job in, say, Vancouver, how they are both vital cogs in Canada's young but vigorously growing industrial machine, and how with nickel as one of their most important tools, they are contributing richly to the progress of humanity in all parts of the world. This type of advertising, while naturally definitely associated with nickel, makes its appeal to Canadians from the national viewpoint, and is widely recognized as a real builder of the stature of our country's industry.

In the accompanying photographic layout the Triangle shows its readers how one of these institutional ads is produced. First step, of course, are the conferences at which the advertising idea germinates and grows into a full-fledged message. These are held many months before the ad is scheduled to appear, and are attended by the Company's sales directors and by representatives of the advertising agency which assists in creating the program and then handles the details of producing it for publication in the media selected to get it across to the public.

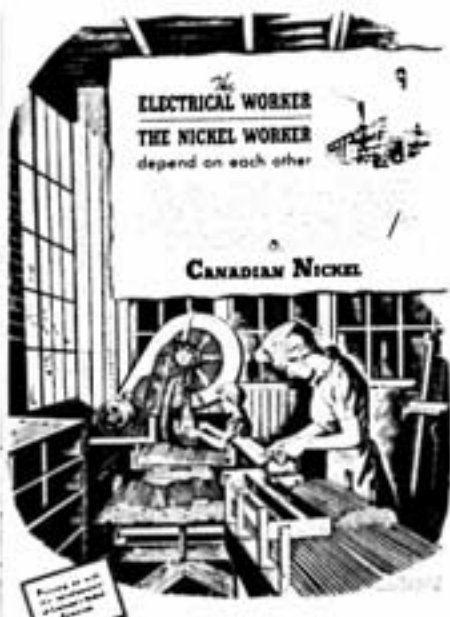
The first picture of the layout shows a typical advertising "huddle" in Inco's Toronto office. The theme of one of the institutional ads, previously decided upon, has been worked out by an artist and his rough draft is being discussed by, left to right, H. J. Caverhill, head of the creative division of the Cockfield Brown advertising agency; C. B. Stenning, account executive with the agency; C. E. Macdonald, manager of Inco's Canadian sales, and J. D. McLean, assistant manager of Canadian sales.

Then the working drawing goes back to the artist for the finishing touches. In the second picture Jack Bush, of Woolkey, Bush & Winter, is seen in his studio, deftly adding the final flourishes to an ad which appeared in the Sudbury Star and other Canadian newspapers on Sept. 16. A reproduction of this particular ad is shown on this page, top right.

## Producing The Negative

3. After the working drawing is accepted and approved, it is turned over to the photo engraver to make the necessary printing plates. The first step is to make a photographic negative of the required size. Here the operator is seen with the drawing mounted on his special camera. Two fluorescent lights, each of 5,000 candlepower, provide illumination. The drawing is photographed on a specially processed film of low emulsion speed which allows the operator plenty of latitude in making his exposure.

4. Then a zinc plate, covered with a thin coating of sensitized enamel, is placed in the engraver's camera and the negative of the Inco ad is printed on it just as an ordinary contact print is made in a photo studio. Where the light passes through the negative, the sensitized coating becomes hard and acid resistant. Where the light does not pass through, the coating is unaffected. Thus the image of the ad is transferred to the coated zinc plate, and when acid is applied the enamel is removed wherever the image does not exist. In this picture the engraver is putting the plate through a bath of acid, which is called etching. The equipment is made of stainless steel, one of nickel's many applications.



## Assembled With Type

After the zinc plate is etched to the required depth, and the image of the ad stands forth in clear relief, the excess metal is routed away and the plate is mounted on a wooden base. It is then sent to the typesetter where it is assembled with type of the reading material in the ad. This assembly of type and plate is known as a "form", which is locked tight in a steel frame and sent to the electrotypist.

5. The electrotypist makes a wax mould of the form, the thin sheet of wax being backed with a stiffening material. The picture shows the electrotypist removing the wax mould from the form after the impression has been made.

6. Then the wax mould is placed in an electroplating tank where a deposit of copper about 20/1,000 of an inch thick is formed on it. The picture shows the electrotypist removing the copper-covered mould from the plating tank. This copper shell is stripped from the mould and backed up with a molten lead alloy, levelled, and machined to 152/1,000 of an inch thick. This complete plate of illustration and text is called the electrotype pattern.

7. To avoid the expense of sending a metal plate to every newspaper in which the ad is to appear, the electrotype pattern is used to make mats by placing damp soft paper-mache material over the pattern and subjecting it to pressure and heat in a special press. A mat, carrying a clear impression of the pattern, is seen in this photo being removed from the press.

8. After being trimmed and dried, a mat is sent to each newspaper in which the ad is to appear. Here a mat is being wrapped for mailing.

9. In the newspaper plant the mat is placed between two steel plates, leaving only sufficient extra room so the cast will be type high, and molten lead alloy is poured in. The image of the ad is thus reproduced in a stereotype which is then locked up in a form along with the type of the news matter to appear with it on the printed page. The Inco ad is now within moments of press time. In this picture the stereotyper in the modern Sudbury Star plant has just made another paper-mache mat of the entire page, which he will use to produce a curved lead cast to fit on the rollers of the rotary press.

## This Is Last Stage

10. Here the curved lead cast, final stage in the reproduction of the Inco ad, is being placed on the Sudbury Star press. In a jiffy the papers will be rolling off, rushed to the waiting newsboys, and hustled to the public.





## CURTAINS FOR SOCCER SEASON

Well, the jerseys are back in the mothballs and the pigskin is back in the pawnshop, and it's all over for another season. Some mighty good football was played before some mighty small crowds, but the players got their full measure of sport and that's the main thing.

Garson, which can lay fair claim to being the only honest-to-goodness football town in Northern Ontario, is licking its chops over the lion's share of the spoils. The Anderson, Star, and Evans Cups will all keep warm in that soccer hotbed this winter. But to the determined Frood lineup went the final honor

of the season, the McCrea Cup. Taking a 3-1 lead in the first of a total-goal two-game series for this coveted trophy, Frood held firm against a withering attack by the Garsons, had their share of breaks, and emerged triumphant.

### Held Farewell Party

Most of the Garson team and a few of their executives attended a dinner party at the Idylwyde Golf Club to say goodbye to Billy

## Murray Doing Splendidly in Safety Campaign



### SAFETY "HUDDLES" IMPORTANT FEATURE

With no lost-time accidents so far this year (touch wood!) and only three months to go, Murray Mine is making a wonderful showing in its bid for the 1947 Ryan Award, emblematic of the Canadian safe-mining championship, which was won last year by Leveck. One of the important features of Murray's all-out drive for a no-accident year are the regular safety sessions conducted for supervision by Safety Engineer Norm Creet. In this picture Norm is using a model of shaft timbering to put his story across to the supervision of the George Moretto Shift, of which Nelson Belmore is shift boss. Other Inco mines are all "in there punching" for the Ryan Award, but none would deny that Murray is doing a great job in its first year of production.

Armstrong, who was taking off for school down south, and the top picture was made just before the gang started kicking the vistles around. Seated, left to right, are Hughie Rorison, Sammy Grassam, Tommy Armstrong, Ed Mills, Jock McIver, Art Thorburn, Bob McAuley. Standing are Vito Maki, Gus Della Vedova, Billy Armstrong, Gordon Young, Vilho Pajunen, Vito Toivola, Swede Engblom, Joe Jones, Tauno Perala, Taffy Davis, Ralph Armstrong, Charlie Williams, and George Cooper. There was a short program of speeches with Ed Mills doing his usual smooth job as chairman.

In the second picture is the gallant Frood team which, both last year and this, has given Garson its more serious opposition and has picked off one of the four trophies each season. In the front row, left to right, are H. Lavigne, J. Killah, Karlo Krakovsky, Harry Harrower, Billy Young, Jim Nemis, and C. Young, mascot. Back row, Jim Harrower, Cec Goodward, Bob Seawright, Bill Gaylor, Angus MacDonald, Andy Rayne, Bob Elliott, R. Woolcott, and Coach Jock Jardine.

And now here's a bundle of orchids to the Garson and Frood teams, and also to Legion and Falconbridge, for playing out an interesting schedule and keeping the grand old game of football in the limelight in this second year since its post-war revival. There are few districts in Canada boasting as good players or as much enthusiasm.

### LETTING DOWN THE BARRIERS

The Indian chieftain opened a speech to his tribe with: "You all know me as Old Chief Trainwhistle, but since I am entirely democratic, I hope that for short you will feel free to call me 'Toots'."

## Fire-Fighters Hold Annual Competitions

Second annual competitions for the Inco inter-plant fire-fighting championships commenced early in October and will continue until the 23rd of the month.

Twenty-two brigades, representing 13 plants and towns, are scheduled to take part in the fire-fighting Derby, arrangements for which are in the capable hands of Inco Fire Inspector W. A. H. Humphries. The competition is divided into two classes, one for pumpers and one for non-pumpers. A specially designed shield is awarded to the winning brigade in each class, and the members receive medals.

Defending champions in the pumper class are the hook-and-ladder lads of Leveck Town, while in the non-pumper event the defenders are Open Pit No. 1 brigade. Basis for judging the competitions is the total time taken to complete four standard fire-fighting evolutions and to extinguish a fire, the brigade requiring the least time in each class being declared winner.

### Have Been In Training

Keen competition has been aroused by the event, and the brigades have been practising regularly to perfect their movements. Closest contest last year was in the pumper class, with only four seconds separating Leveck Town and Leveck Plant.

Following is the schedule for the 1947 competition, the brigades in the pumper class being marked with an x:

Oct. 3, (x) Copper Cliff Smelter (Fletcher Brigade); Oct. 7, Refinery Shift; Oct. 8, Refinery Shift; Oct. 8, Frood Open Pit; Oct. 9, Murray Mine; Oct. 10, High Falls; Oct. 10 (x) Copper Cliff Smelter (Vaillancourt's Brigade); Oct. 13, Leveck Mine and Leveck Town; Oct. 14, Frood Open Pit; Oct. 15, Garson Mine; Oct. 16, Frood Mine; Oct. 16, Coniston Town; Oct. 17, Coniston Plant; Oct. 17, (x) Copper Cliff Smelter (Parker's Brigade); Oct. 20, Coniston Plant; Oct. 21 (x), Copper Cliff Town; Oct. 22, Frood Open Pit; Oct. 23, Creighton Mine No. 5 and No. 3 Shafts.

### SAFETY MINDED

A lot of people have had their lives saved because they were safety minded, but the case of John Lewis Guinter of New York probably is unique.

Preparing to jump from the 17th floor of an apartment house, he refused to be dissuaded by police, but did consent to drink one last glass of beer.

"Better give me the empty glass," said Policeman Joe Di Cicco.

"Why?" asked Guinter.

"You might cut yourself when you land," said Di Cicco.

Guinter looked down 17 stories to the street. He handed Di Cicco the glass. "Thanks," he said.

Four policemen grabbed him and whisked him off to Bellevue hospital.

"It's none of your business how I first met your mother, but I can tell you one thing, it certainly cured me of whistling."





## Flood of Entries Keeps Photo Contest Alive, Thank Heavens!

The gentle purring sound which has been emanating from the editorial sanctum during the past two weeks is not, as some unkind characters might suggest, due to the slumbers of ye ed., but to that vastly overworked person's contentment at the number of entries in the monthly photo contest.

Harkening to our forgotten-man bleat of last month, the readers responded with an avalanche of entries, and the pic race is again in full flight just when it seemed doomed to die in its tracks. Besides a fat heap of snaps submitted for the September contest, there is already a substantial number for October. We want to thank not only those who hustled in entries to keep the competition alive, but also those who, while not camera fans, just wrote in to say they hoped this feature would not be dropped from the Triangle. The interest is appreciated, believe us.

### Paul Takes the Gown

As judge for this month's contest we called in Walter Paul of the Engineering Department. While he doesn't pretend to be a camera shark, Walter takes the odd snapshot and he knows what he likes when it comes to pictures. For first place and the \$10.00 award he picked the entry of Jack Latrelle of the Copper Refinery, who sent in a snap of his son Jimmy, aged 3, caught in a fishing pose on the shore of Long Lake with his dog Queenie crouched meekly beside him. Jimmy's expression seems to indicate that while the big ones haven't yanked at his line yet, they'll be along any minute.

For first honorable mention Walter selected an unusual view of Toronto's Bay Street, looking north from the top of the Canadian Bank of Commerce building. It was taken by L. Storie of Open Pit during his holidays last summer, and brings home the fact that all the tall buildings don't grow in New York.

Second honorable mention was won by a picture we admired the minute we opened it in the mail. It came from Charlie Dorian, erstwhile sage of the accounting department who is now on Company pension. We were glad Walter picked it for recognition. In his accompanying letter Charlie wrote: "I want to enter the enclosed picture in your contest rather than suffer the discontinuance of this much enjoyed feature of the Triangle. This subject is the finest specimen of floral beauty I have seen anywhere at this season of the year. It is a gorgeous hydrangea on the property of Mr. and Mrs. R. L. Peck at Grimsby Beach. It is a ball of pink and white blossoms more than 10 feet in diameter. You literally have to 'beat about the bush' to find the two-story garage behind it."

### Many Excellent Entries

Acknowledgments of snapshots submitted which failed to make the grade with Judge Paul but nevertheless were mighty nice to get: from Oswald Beaudry, a picture of his son Jean-Marc, aged 3½, taken at Nepewass Lake holding a 7-lb. northern pike (and you should see the grin on the little guy as he holds the trophy up for the camera); three entries from Isaac Burns, two of them particularly good mountain scenes which suggest that he has a real eye for natural beauty; an uncommonly good picture from Marjory Page of Port Colborne of the waterfall at Belle Falls, Que., her father's birthplace, which she visited last summer; from Al Scammell of Copper Cliff First Aid a snap of the H. Waern summer home on an island in Fairbanks Lake, taken from the Harkins camp; an interesting shot of the logs going over the overflow when the water was high last summer at High Falls, below Big Eddy dam, sent by Mrs. Albert Tincombe of High Falls; an action picture of somebody taking off from the diving board at Baby Lake, along with best wishes for the contest, from Olga Hryciak of Coniston; a very good view of Onaping Falls from the Levack road, taken, developed, and printed by Thomas Mossey of Copper Cliff, who writes that he picked up his photographic know-how in the Boy Scouts, and more power to his shutter!; some excellent snaps of deer, taken by T. Mullen of Frood while passing through Algonquin Park on his vacation; an interesting study of two young ball-players which Clare Dredman of Copper Cliff First Aid titles "Backyard Baseball"; some suggestions from Robert W. Stevens of Toronto who unfortunately is not eligible for the contest but whose interest is appreciated just the same.

Now, on to the October contest, and may the entries never cease.

### GOLF WINDUP AT "PORT"

Inco people were prominent in arranging a field day and supper to wind up the golf season at Port Colborne Country Club, and also in picking off the prizes for the enjoyable event.

Merle Noyes, club champion, and Johnny Jamieson tied for low gross with cards of 76. Les Lewis banged out the longest drive, 250 yards. Bill Freeman hit the best tee shot on No. 3, eight feet from the stick. H. W. Walter had the low net score for the first nine holes. Jack Wilson had the broadest smile, and Mrs. V. A. Lynden and Bill Freeman won at bridge in the evening. In charge were V. A. Lynden, H. P. Roe, W. J. Cook, and Merle Noyes.



## If Every One

If every one who drives a car could lie a month in bed,  
With broken bones and stitched-up wounds, or fractures of the head,  
And there endure the agonies that many people do,  
They'd need to preach safety no more to me or you.  
If every one could stand beside the bed of some close friend,  
And hear the doctor say, "No hope," before the fatal end,  
And see him there unconscious, never knowing what took place,  
The laws and rules of traffic I am sure we'd soon embrace.  
If everyone could meet the wife and children left behind,  
And step into the darkened home where once the sunlight shined,  
And look upon "The Vacant Chair" where daddy used to sit,  
I'm sure each reckless driver would be forced to think a bit.  
If everyone who takes the wheel would say a little prayer,  
And keep in mind those in the car depending on his care,  
And make a vow, and pledge himself to never take a chance,  
The greatest crusade for safety then would suddenly advance.

—Author Unknown

### NIGHT GAME

Wife: "Well, what excuse have you for coming home at this hour of the night?"  
Husband: "Well, my dear, I was just playing golf with some friends."  
Wife: "What, at 2 a.m.?"  
Husband: "Yes, we were using night clubs."

## These Charmers are Inco Receptionists, 'Phone Operators



The combined duties of receptionist and switchboard operator in the main Inco offices require courtesy, tact, efficiency, and personal charm. To an outstanding degree these qualities are possessed by the young ladies who attend to our visitors and also, with patience and good cheer which often cover great exasperation, handle the heavy telephone traffic passing through the offices daily.

Presiding over the switchboard, ushers, and waiting room at the general offices in Copper Cliff is Ethel Walsley, whose varied Inco experience as telephone operator, lab. assistant, and mine yard office assistant, coupled with a quick mind and unfailing good humour, make her a "natural" for the position. Top picture shows her unloading some of that super-personality over the phone.

At the Copper Refinery the official greeter

and hello girl is seen in the second picture. Formerly Ruby Ballantyne, this charmer recently got the "number" of one of the Research Dept. staff at Copper Cliff, and is now Mrs. Morley Grigg. She has been with the Company for five years, during the past year and a half of which she has been at the Refinery switchboard.

Down at the Nickel Refinery at Port Colborne, the popular telephone operator and receptionist is Nema Peters, whose marriage also took place this year. She is seen in the third of the above pictures. She is the daughter of Mrs. May Lucas, the hostess at the Inco staff house at "Port", and if she can cook like her mother there's a very bright marital future ahead of her.

## Dewey Too Much For Ron Silver In Golf Finale

Sequel to the annual competition for the Beattie Trophy, emblematic of Inco inter-plant golf supremacy, is the knock-out play to determine individual championships for plants in the Sudbury district.

Upon the blushing brow of Jim Dewey, who in two seasons has developed with his golf clubs a prowess matching that for which he has long been renowned in hockey and other sports, rests the non-handicap crown for 1947. To win it Jim had to take the measure of his fellow-worker in the Mines Efficiency Department, Ron Silver, who had previously entered the hall of fame by capturing the championship of Idylwyld Golf Club.

The two are pictured above, Ron demonstrating his magic putting touch for the edification of the studious James. They played their final match in a stiff wind over a soggy course, and it was Dewey all the way.



He made the turn 2 up and won 4 and 3, carding 40-41. Silver, who never quite got going the way he can go, had to be content with 42-43, but with the Idylwyld title already safely tucked away after a ding-dong battle with the redoubtable Al Flood, he was shedding no tears.

In the handicap section two student employees, Don Beattie and W. F. Robinson, battled it out with Don taking the decision handily. Both have gone back to their text books and were not available for the camera.

Writing fins to another golf showdown in the Inco family, E. C. Lambert, the tourney organizer, has noted that interest and enthusiasm were at a new high, and that golf is probably here to stay.



## Creighton Juveniles League Winners

The Creighton camp has always been noted for its solid community spirit, and the all-out support it gives to any of its teams venturing out into the cold cruel world of sport. There was pride and jubilation in the camp last month when the juvenile baseball team came out on top in the final playoffs with C.Y.O. for the championship of the Nickel Belt. Pictured above is the winning lineup: left to right, front row, A. DeFilippo, J. Hreijac, J. Connors (mascot), D. McLaughlin, L. Vancilaf; back row, W. Greer, G. Gonnella, J. Smith, W. Ramsay (coach), T. Behenna, A. Zacharovsky, B. McLaughlin.

# Shamrocks Cop Baseball Title



In an agonizing series which had the fans delirious with excitement before it ended, Sudbury Shamrocks won the championship of the Nickel Belt Baseball League from Froed Tigers. Time and again the uncertain Shamrocks staged eleventh-hour rallies to nose out ahead.

Some of the standout players of the series are seen above. In the top row are three Shamrocks stars: 1, Harry Haddow, pitching ace who earned the lion's share of the credit for the Shamrock victory; 2, Lige Beaver, still tops in the clutch; 3, Gerry Wallace, easily one of the smartest ball players in the Nickel Belt. In the second row are three Froed performers: 4, Karl Brandy, sturdy hurler; 5, Johnny Barbeau, sensational young

left-hander; 6, Norm Flowerday, the hard-luck pitcher of the season.

In the bottom shot "Barney" Barnett, president of the league, is presenting the "Wiggy" Wainsley trophy, most-valued-player award, to Herb Perigoe, ace first baseman and coach of Copper Cliff, who won the league batting title.

## LONG DISTANCE CALL

An exceedingly lively gent was astonished to read of his death in an obituary column. He called a friend.

"Did you see the paper? They printed my death in it."

"Yeah," said his friend, "I saw it. Where are you calling from?"

# Platinum Group Has Wide Field Of Usefulness

The platinum group metals—platinum, palladium, rhodium, ruthenium, iridium and osmium—are usually thought of only as metals for jewelry and decorative purposes. However, they are valued more today for their ability to save money while performing difficult and versatile tasks in industry.

The world's production of all the platinum metals combined is only a few percent of that of gold. The leading source of platinum metals is the Sudbury district, where the metals are recovered from nickel-copper ores. Important quantities are also produced in Russia, South Africa, Colombia and Alaska.

## War Expands Uses

During World War II, the versatility and technical importance of the platinum metals were brought to the attention of many manufacturers when they began to produce war materials. Large quantities of platinum alloyed with ruthenium or iridium or other metals were used in airplane sparkplugs, magnetos, flight control and bombing equipment. Electronic devices, including radar, utilized platinum metals in various components—one of the most notable being the use of platinum and platinum-clad grids in the tubes in transmitters. Platinum alloys played a vital role in the production of military explosives, being used principally as a catalyst in the manufacture of nitric acid.

Released from active war service, the platinum metals continue to work for the nation's relays, assuring electrically contacts are vital industries. Palladium contacts are vital in relays, assuring electrically quiet contact with low contact pressure and maintain a low and constant resistance even at very low currents. Radar equipment, including that used in transmission to the moon, utilizes platinum. Electrical instruments which measure, record and regulate time and temperature factors, so important in the production and treatment of steels, make use of platinum or one of its alloys for contacts.

## Economical in Making Rayon

That platinum can be economical is demonstrated by its use in the rayon industry. The spinnerets which are used to produce silky rayon fibres are made of a platinum alloy. The average spinneret will produce yarn at a metal cost of less than one hundredth of a cent a pound.

Rhodium is useful both as an alloying element and as a white non-tarnishing electroplate with high reflectivity, finding extensive use in the jewelry field and for reflectors for motion picture projectors, searchlights and the like.

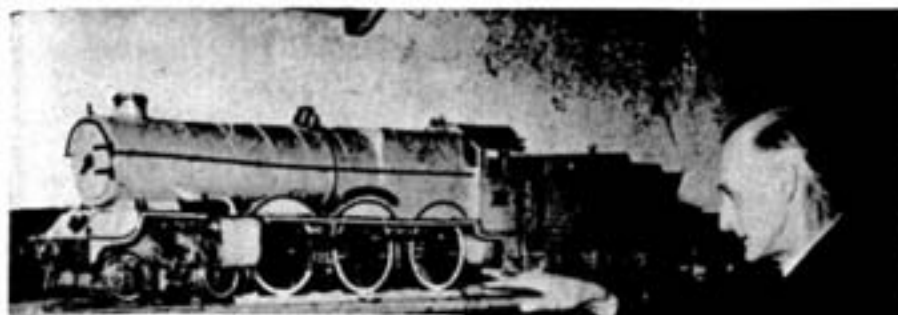
Ruthenium's chief use is as a hardener and strengthener for palladium and platinum. It is employed along with osmium in the tips of fountain pen nibs where resistance to wear and corrosion are essential.

Iridium is similarly used to harden platinum while the chief uses of osmium are in hard pen-tip and photograph needle alloys and special electrical contact alloys.

The uses of the platinum metals are widespread today. When you select a filmy negligee, take a vitamin tablet, dial a telephone number or sigh in relief as your dentist snaps a partial denture in place, the platinum metals are at work saving money for you.

\* There is no fit search after truth which does not first of all begin to live the truth which it knows.—Herace Bushnell.





## FRED COWLING RETIREES FROM ENGINEERING

Old war wounds, received at Gallipoli and in France in the first big fracas with the Germans and aggravated by yeoman service with the engineers in the second do recently concluded, have forced the retirement on disability pension of Fred Cowling of the Mechanical Engineering Dept. at Copper Cliff.

Fred is pictured above with some of the fruits of his chief hobby, a steam engine complete to the most minute detail which he made in his small home workshop. Turning out gadgets like this will help him while away the time at his new home down on the Bay of Belleville, where he has gone with his wife and one of their daughters to regain his health in well-earned retirement. Two acres with 110 feet of waterfront, the Belleville retreat is an ace he's had up his sleeve for some time.

Fred was born in Lancashire and served his time as an engineering apprentice with Wigan Coal Co., starting in as a blacksmith's striker (that's the man with the hammer) and working his way through all the shops, finally winding up in the front office as a draftsman. He enlisted in the first war as a private and emerged as a captain. Of the original battalion with which he went into action at Gallipoli he is one of the five surviving members. He was badly wounded there and twice again later in France, and spent two years in hospital.

### A Rousing Reception

The day he arrived in Montreal, in 1924, had been selected by a gang of gunmen for the Bank of Hochelaga holdup. Fred happened along when the shooting was going on, and promptly reached the conclusion that Canada was just as wild and woolly as it said in the story books.

His first job in this country was with Crawley-McCracken, who sent him to Sudbury as a cook. No great shakes as a chef, he let a batch of pies sizzle to a very deep brown one day three weeks later, and found himself a member of the unemployed. After a brief period during which he divided his talents between plumbing for J. H. Simpson and working on Mose Gatchell's farm, he joined the Inco engineering department at Copper Cliff. That was in March of 1925. Three years later he was transferred to Port Colborne where he became assistant to the master mechanic and had a hand in construction of the sinter plant. Then he took a two-year slier on his own in ship repairing. He returned to Inco at the Cliff in 1934.

Enlisting again in July of 1939, Fred was posted to the staff of OHQ in Ottawa with the rank of captain, organizing a works program for the internment camps, with which he created the dangerous precedent of showing a substantial profit. By the time his health forced him to call it quits in January of 1945, he was shuttling back and forth between a sawmill in New Brunswick, four

carpenter shops in various camps with an average of 200 men per shop, three camouflage net shops, two sock factories, three sewing shops making kit bags, etc., two boot repair shops handling 5,000 pairs of Army boots per week. In 1941 he had also become general manager of a crown company making machine tools, jigs, punches, dies, etc. And in his final year he was superintending the building of military hospitals. Never the robust type, he paid heavily in physical condition for this all-out army career, but feels confident that complete rest for a year will bring the old ticker right back to normal. His Inco associates, who greatly respect his engineering genius and will miss his quiet comradeship, certainly hope he is right.

Married in 1920 in Lancashire to Miss Marion Innes, Fred is the devoted father of two daughters, Mrs. Jack Campbell of Espanola who has three sons, and Bernice, at home. A gifted artist, his wife shares his keen interest in hobbies, and there will be few if any dull moments in their new home near Belleville.

## Bonds Make Saving Easy

The job of saving can be difficult and yet it is one of the most important things of our everyday lives. Most of us are only too familiar with the way in which money can slip through our fingers and how quickly it mounts into a fair sum.

During the war years, most of us bought Victory Bonds and War Saving Certificates for patriotic reasons. Then we made a discovery. This was a really good way to save! Those of us who bought through a Payroll Savings Plan or through some other installment plan, such as offered in banks, realized that we had discovered the automatic, regular, sure way of saving. It became a habit to put so much aside every payday.

To millions of Canadians, these bonds have meant that Old Mother Hubbard and her bare cupboard are just nursery rhymes. For they have managed to put away some savings to meet that proverbial "rainy day"—and the feeling of having something to fall back on in case of emergency can mean a lot to each of us. It also means a great deal to Canada—for a high level of personal savings is an

influence toward continued prosperity for the country as a whole.

It is not really surprising that this easy way of saving has acquired such widespread popularity. When the war was over, there were thousands upon thousands of Canadians who wanted the Government to continue with some sort of savings plan. Last year saw the first issue of Canada Savings Bonds enthusiastically received. Now they are back again to enable us to continue the wonderful habit of saving the easy way.

The details of this year's issue of Canada Savings Bonds are as follows:

Rate of interest—2½%, paid every year and dated November 1, 1947, and maturing November 1, 1957.

Redeemable at full face value plus interest, at any time, at any bank in Canada.

The bonds are registered in the owner's name. This means a protection against possible loss, theft or destruction.

No individual can purchase more than \$1,000 worth of bonds, though each member of a family can hold up to that limit.

Bonds to be sold in denominations of 50¢, \$100, \$500 and \$1,000.

If you wish to purchase through the Company, either by cash or on the installment plan, please enter on the application card the number and denomination of the Bonds you wish to buy and, if on the installment plan, the amount you wish to pay per week. The minimum deduction will be \$1 per week for a \$50 Bond, \$2 per week for \$100. You may pay more if you wish. The first deduction will start with your earnings for week beginning December 1st to December 7th (that is, the check issued December 15th) and continue for 50 weeks for those paying the minimum installments. There will be no charge for interest as the Company will take care of this.

For those who leave the Company's employ and for those who cannot keep up payments, the net amount paid on account will be refunded. Only one delivery of Bonds will be made to each purchaser.

To assist Inco employees to purchase Canada Savings Bonds, the Company is making available the same advantages arranged for buying Victory Bonds during the war.



### JUNIOR STOPE BOSS

In this corner, at 18½ months and weighing in at 30 lbs., is John Arthur Dundas, of Pine St., Sudbury. When not engaged in eating, sleeping, and growing to be a mighty fine broth of a boy, John Arthur master-minds things for his pappy, Art Dundas, who is a stope boss at Frood.

Take a lesson from the woodpecker: he uses his head when he works.

## Purchasing Department Changes



Of general interest within the Inco organization are recent changes in the nerve-centre of the Purchasing Department, which is closely associated with operations at all plants. The men involved are seen in the picture above, as they work out details of the new setup.

W. T. Waterbury, second from the left, who joined the stores department in 1909 and became general purchasing agent in 1929, has been named an assistant to the vice-president. His position as general purchasing agent is taken by C. C. Chapman, left, who joined the Company's accounting department in 1913 and was promoted to the post of purchasing agent for the mining and smelting division in 1929.

Succeeding "Chappie" in the buying job for the M & S division is B. M. "Mac" Forsyth, third from the left, who joined the organization in 1935 after graduation from Queen's in commerce and finance, had a chance to go professional as a hockey net-minder, and elected to make his mark with Inco. Promoted to the rank of assistant to the general purchasing agent is a veteran of the department, J. L. "Louie" McClellan, right, whose service dates back to 1928. Off the job he's noted for his regular attendance at hockey games, one reason for which could be the goal-scoring proclivities of his son "Tatter".

So it's congratulations all around to these key-men of the Inco team, and smooth sailing!

## SCOTTY FORGOT TO MENTION HE IS A HERO

When cheerful, peppy little "Scotty" Forsyth came home from the war, everybody naturally assumed that he'd been a good soldier and had done his full share of the fighting. So he went back to his job in Copper Cliff Smelter, where he was first employed in Sept. of 1929 and is now a labor boss on the reverberatory furnaces. He said little to his pals about his war service; certainly he made no mention of the fact that he was a hero.

Then, one day last month, Copper Cliff Branch of the Canadian Legion received a copy of a citation covering the award of the British Empire Medal to Gunner John Taylor Forsyth of the Royal Canadian Artillery, and "Scotty" was stripped of his modesty. Here, in official language, is the secret he was quietly keeping from his fellow-workers:

"Gunner Forsyth has served continuously with 51 Battery, 1 Anti-Tank Regiment, Royal Canadian Artillery, during the entire Sicilian and Italian campaigns, and during 1 Canadian Infantry Division's part in the campaign in North West Europe.

"At approximately 1,000 hours, 27 December, 1944, Gunner Forsyth was

proceeding along a road in Italy when he was stopped by an Italian woman who informed him that a Canadian soldier had been blown up by a mine on a nearby embankment.

### Area Heavily Mined

"Without any hesitation, Gunner Forsyth climbed the embankment, where he heard a man calling for help. In front of Gunner Forsyth were signs indicating that the area was very heavily mined. Without giving any consideration to the likelihood of having himself blown up by a mine, he made his way approxi-



"SCOTTY" FORSYTH

mately fifty yards through the minefield to where the wounded man was lying in the crater, bleeding profusely from the stump of one of his legs which had been blown off.

"After stopping the flow of blood, Gunner Forsyth carried the injured man back to safety through the treacherous and unknown maze of mines and arranged his evacuation to the nearest regimental air post. The life of this injured soldier was saved by the prompt and fearless courage displayed by Gunner Forsyth at the imminent risk of losing his own life. Gunner Forsyth's great gallantry in exposing his own person to unknown danger in order that he might be of service to a wounded comrade, won him the esteem of the whole regiment.

"His conduct during the campaign in North West Europe has been of the same high standard, and his courage and complete disregard for personal safety have been a constant source of inspiration to the other members of his battery. His cheerfulness, comradeship and devotion to duty in the face of all hardships have been a fine example to all ranks of his regiment."

"Scotty" Forsyth resides in Copper Cliff. His wife is the former Bernice Hickey.

## Jack Thompson Has A Habit, But Don't Cure Him—Please!



A habit of which Jack Thompson definitely does not want to be cured is his penchant for reaping rewards under the Employees' Suggestion Plan. Since June of 1943 his ideas for improving or saving equipment have clicked seven times with the Suggestion Plan Committee, and have paid him a total of \$199.

At his job in the salvage department at the Open Pit, Jack keeps an eye open for ways of reducing the wear and tear on the machinery parts which he sees relegated to the scrap heap, and works out ideas for stretching their span of service. About three quarters of the suggestions he has dropped in the box have been accepted. His latest brain-wave, a 4-way drill header, netted him \$57.00. He says he can use same.

Which prompts the question of how long it is since you, dear reader, stirred up the old grey matter and figured out an idea which may bring in some very handy tax-free bucks? The money lies awaiting, in denominations up to \$1,000. Could use?