CANADA'S LARGEST TELESCOPE IN B.C.

SECOND LARGEST IN THE WOLRD EQUALS BEST.

Was Built for Dominion Gov erament Just Before the War Started.

It will be news to many to learn that

been used continually from its erection in 1905, but the need of something greater was felt, and in 1913 the Government placed an order for one larger than any then in existence.

Two Types of Telescope.

Now there are two distinct types of Now there are two distinct types of telescopes, in one type there is placed at the upper end of the tube a lens, through which the light from the heavugh which the light from the heavenly body passes and is thereby con-verged to a focus, or, to form an image of the body. Such a telescope is called a refractor. In the second type there is a concave mirror at the lower end of the tube. This is of glass, silvered on the front surface, not the back as in an ordinary looking glass. Upon this the light falls, is thrown back, and thus brought to a focus. Such a teles cope is a reflector. The telescope at Ottawa is a refractor; that at Victoria we are meet accustomed to. Indeed, refractors could not possibly be made

The contract for supplying the mirgiven to the Brashear Co., of Pittsburgh; while that for the mounting was given to Warner and Swassy, cf Cleveland. This was in October, 1913. for the glass disc required for the great mirror. On the second attempt works of the company at Charlerol, Belgium; and by great good fortune it as shipped from Antwerp a few days efere the declaration of war. It arrived in Pittsburg early th August.

The glassworks were wrecked by the ity of my goods, are my best adver- Ask for Minard's and take no other.

ermans soon afterwards.
When it was received the great d's was 731/2 inches in diameter, 13 to 13% inches in thickness, weighed nearly 5,000 pounds.

an ordinary electric lamp, passing through a motor, is sufficient to move it promptly into any position required for observing any object in the sky.

Excellent to move the circus.

Races with valuable money prizes than certain streets of Chicago and for observing any object in the sky.

Excellent to move the circus.

Races with valuable money prizes than certain streets of Chicago and the circus.

It is a new form of telegraph instrument, and as the key of any letter is printed on a support of the sky.

cosses of the Legion of Honor.

In return for this hospitality they summer it was shipped to Victoria. The observatory, is on Saanich Hill, 700 feet above sea level and eight miles from Victoria. The BC, Electic Railway passes along the foot of the hill, and a fine road, one and a half miles long, to the summit, was built by the BC. Government. One section of the mounting weighed 9½ tons and twelve horses were required to pull the truck careful ments a large number of deservatory. The sheet metal observa.

The chservatory, is on Saanich Hill, 700 feet above sea level and eight miles from Justice, to warn the more lawless of their tribosment that the plundering of caravans must cease, to furnish quotas of region which they control and the partment a large number of desertions and twelve horses were required to pull the truck carrying it to the observatory. The sheet metal observaservatory. The sheet metal observa-tory building and the mounting were completed in the autumn of 1916, but the great mirror did not come until 18 months later.

The instrument has been in use over two years, and it has fulfilled all ex-pectations. The staff of the observa-tory consists of: Dr. J. S. Plaskett, who was for some years at the University of Toronto and later at Otta-wa; W. E. Harper, whose home was near Owen Sound; R. K. Young, of Binbrooke, near Hamilton; and H. H.

Plaskett, son of the director.
Some beautiful photographs of some of the heavenly bodies have been taken, but the telescope is chiefly used for photographing the spectra of stars, in this way determining what sub-stances are in those stars and also the speed at which thoy are moving ward or from us.

Pungent and acid tastes are per-ceived by the tip of the tongue; the middle tastes sweets and bitters; while the back and lower parts taste

AUTO SPARE PARTS

I Profit by Parcel Post.

After four years of selling direct consumers by mail, I have learned that the parcel-post system is one of the biggest boons that has ever come to country people, providing they use it intelligently. I have also discover-

During the spring and summer, when vegetables are in season, I run a small advertisement once a week in the local papers, telling of some vegetable that is ready for the market, and soliciting orders. This is all that is necessary, for after the first sale to a customer of each vegetable. I get enough repeat orders to exhaust my supply of that particular vegetable. In the fall I dispose of my poultry

in the same way. I raise ducks, geese and chickens. Of course, they must be dressed and packed in ice before shipping, but the higher price I get for them more than pays for my trouble. Dressed poultry always brings better ror and the other optical parts was given to the Brashear Co. of Pitts.

my products.

During the late fall and early winter, dressed wild rabbits are another Do battle with the very earth, and source of income to me. I have more orders for these than I can fill. Hickory-nuts and butternuts are easily shipped by parcel-post, and I usually sell all that I can gather. I never expect to get rich from the sale of nuts, And (they forgotten and unknown) but the best part of their sale is that! they are largely profit.

Attractively displayed and neatly

tisement. The repeat orders are the result of quality products neatly packed and shipped. They look ap-petizing to the consumer when he re-ceives them, and they taste just as

good as they look.

Some things, of course, can not be distributed by parcel-post, but it pays to deal direct with everything that be shipped by mail.

BABY'S GREAT DANGER DURING HOT WEATHER

near Victoria, B.C., is an astronomical observatory possessing a telescope which for some time was the largest and most perfect of its kind in operation, and which is still a good second in point of size, while equal to the best in efficiency.

In order to peer farther and farther into the depths of space and to discover the true nature of our universe, it is necessary to use more and more powerful instruments. For a number of years the largest telescope in Canada was at the Dominion Observatory at Ottawa, it is 15 inches, in diameter and about 20 feet in length. It has

reap.
No glory crowns his work. Elusive

Exploits of sword or pen may win

But not the humbler conquests of who dares

The issue of our tolls shall see, And (they forgotten and unknown) The harvest that the dead had sown.

Keeping Desert Chiefs Friendly

mirror, and leas as one approached the edge.

While the great mirror was being slowly fashioned the massive and complicated mounting had been constructed at Cleveland. It is a triumph of mechanical engineering. The moving parts weigh-45 tons, and yet it is so nicely balanced that the current from an ordinary electric lamp, passing an ordinary electric lamp, passing the circus.

Hotel de Ville and finally return to their own lands friends and allies of brance for the rest of their lives.

By a network of small oasis garrisons and desert patrols, recruited from the desert tribes and mounted on the tall, swift trotting camels known as Meharl, France has made the Sahara trade routes, if not as safe as Fifth Avenue or Piccadily, certainly of miles away.

13½ inches in thickness, and it weight nearly 5,000 pounds. After six mouths of work upon it, the edge had been cut truly round, the lower surface had been made flat and the upon a spherical shape. At the edge it was then 12 inches thick, at the centre H1.1 inches, and its weight had been reduct to 4,349 pounds.

Then began the process of "figuring" the surface is changed from a spherical to a parabodicidal form. To got this shape about one-the against of the removed from the centre of the firror, and joss and ies a so one approached the edge.

By her successful protection of the with the power and the generosity of prich, red blood. Therefore to relieve nervousness and run-down health to invite the caravan routes France has earned the grants and the process of the regions that border on the great Sahara. Many of these great trade caravans are interesting moving cities. They sometimes control to visit France occasionally as the guests of the nation. Excepted by French officers who can talk to them in their own language these Colonial visitors in their own language these Colonial visitors in their own language these control to an inch of glaza had to be removed from the centre of the mirror, and joss and less as one approached the edge.

By her successful protection of the with the power and the generosity of rich, red blood. Therefore to relieve nervousness and run-down health of the caravan routes France has earned the gravan routes France has earned the protection of the caravan routes France has earned the protection of the caravan routes France has earned the protection of the caravan routes France has earned the protection of the caravan routes France has earned the protection of the caravan routes France has earned the protection of the regions that the breaton of the surface is a foot of the protection of the regions that the protection of the gravity to the protection of the protection of the g

The Rich Flavor of

is at its best after boiling a full twenty minutes; and a well made cup of Postum is hard to beat.

Another form, INSTANT POSTUM. is made quick as a wink, in the cup. Grocers sell both.

DELICIOUS and ECONOMICAL



TWO CHARMING DESIGNS



Transfer Design No. 1045

9274

A TONIC FOR THE NERVES are employed every day and impro

The warrior's guerdon, scorns his The Only Real Nerve Tonic is a Good Supply of Rich, Red Blood.

"If people would only attend to their the plow . . . blood, instead of worrying themselves
Yet I would hail him super-knight,— ill," said an eminent nerve specialist, "we doctors would not see our con-sulting rooms crowded with nervous wrecks. More people suffer from worry than anything else.

The sort of thing which the special-ist spoke of is the nervous run-down condition caused by overwork and the many anxieties of to-day. Sufferers find themselves tired, low-spirited and unable to keep their minds on anything. Any sudden noise hurts like a blow. They are full of groundless fears, and do not sleep well at night. Headaches and other nerve pains are

part of the misery, and it all comes from starved nerves. Doctoring the nerves with poisonous sedatives is a terrible mistake. The

Fuifits All Expectations.

The mounting was completed in May, 1916, and during the following

The properties and sometimes with the mount of the series is leave they are presented with ornate saddles, gold up the Northwest Mounted Police as the model for all constabulary forces, the model f

o be the first marriage by wireless reported.

The bridegroom, Mr. John R. Wake

man, is a sailor on board the U.S.S. Birmingham, and the bride is Miss Mabel Ebert, of Detroit, U.S.A.

assembled in the First Presbyterian Here the Rev. C. E. Moir telephoned

willing to impart it to others.

An old milk can makes a good rattrap. Place bacon rind, cheese, cracked walnuts or other good bait in the bottom, and set the can in a likely place. Once inside the can, the rats will have a hard session to get out again.

Good stuff sells at a good price when poor stuff will not sell at all. Fire escapes were used in Paris as long ago as 1761.

When it comes to jumping, the toad has the college athlete beaten to a frazzle.

Rheumatism

Now is the time

to get rid of it! Nature is pulling for you— The warm weather's here— This is your chance-

Templeton's Rheumatio Capsules

Get it out of your system the easiest way!
Sold by reliable druggists for a
dollar. Ask our agent or write
us for a free sample. Templeton's, 142 King St. W., Toronto. 82

Many "Lost Arts" Are Merely Abandoned.

Tradition credits the ancients with many "lost arts." It is still common to hear people say that means unknown to us must have been employed to erect the pyramids, that the Danon enemous blade is hevond the power of mascus blade is beyond the power of modern cutlers, and that the art of hardening copper died with some little brown Aztec.
In point of fact, larger stones than

Ont.

The Farmer.

He loves his hearth, and seldom ventures far

Beyond his placid homestead on the hill;

Simple his wants, few his ambitions are;

His sturdy hands prepared his needs to fill.

Days pass, and find him ever in the fields;

The evening sees him in exhausted sleep;

Month follows month, and season to season yields;

Month follows month, and season to season yields;

Transfer Desigs

No. 1045

1 price, 25 cents, larger stone any found in the pyramids have been quarried in America, carried across ven ace and erceted in Duildings in England and France. If any one cared to pay for the cost there are plenty of the particular quarried in America, carried across ven ace and erceted in America, carried across vene acred to pay for the cost there are plenty of the parti

Sweet Potatoes.

The sweet potato may soon be much more common vegetable in our markets than heretofore. Its season has been restricted by the difficulty of keeping it for any length of time in storage. Unlike the white potato, began to deteriorate as soon as it

ame out of the ground.

This trouble is understood to have been overcome by new methods of curing, and plants specially designed for the storage of swest potatoes have recently been established at many points in the Southern States.

The sweet potato, of course, is not really a potato at all, but a kind of yam. It is, like the so-called "Irish" potato, an American vegetable

Wise Men Say-

That luck is only a short way pelling pluck

ed by prefixing an "s" to it.

That to make good resolutions is all right, but it is better to make good.

Is God's love sung. Within the calm Of hush upon the fields and moors A holy anthem swells and scars! Tired feet tread out a sweet delight, When paths of moss come into sight Spent hearts sing silently; dim eyes Turn looks of praise to quiet skies! And souls a-weary city-pressed Send God dumb thanks for country

Rough on Browne.

The Browne family possessed a whole sheaf of umbrelias, but they were all in sad need of repair. One Mabel Ebert, of Detroit, U.S.A.

About 1,000 miles off the California coast, the ship's chaplain read the ritual received by the ship's wireless, while Miss Ebert and her friends were assembled in the First Presbyterian (Church, Detroit, Church, Church

fusely and returned it. the bride's answers to a telegraph office, to be transmitted to the Great Lakes Naval Training Station and thence flashed on to the battlechtp by wireless. In the evening he called for the un

She leaned over and whispered dramatically:-"I say, you've had a good day, haven't you?"

HUMOR FROM HERE & THERE

startled his mother by "Mama, is there hair oil in this bo

"that's glue."
"Oh!" said Johnny. Then after

Unjust Suspicion. A proud young father telegraphe the news of his happiness to his brother in these words "A hand-some boy has come to my house and claims to be your nephew. We are doing our best to give him a proper

postor.

A business man employed a trayelle

MONEY ORDERS. Pay your out-of-town accounts by

Dominion Express Money Order. Five Dollars costs three cents.

The Bog of Allen has an area of about 240,000 acres, and extends into four Irish counties.

er, use it two days in the year; \$65 for a planter, use it two days in the year; \$130 for a wheat-drill, use it can have it abundant, soft glossy and a few days. Meanwhile their wives rub, rub, rub on a washboard all day rub, rub, rub on a washeart at he year. A long, fifty-two days in the year. A derine" for a few cents. Then moisten power-washer will do its work as well a soft cloth with the "Danderine" and draw this through your hair, taking

MOTHER!

"California Syrup of Figs" Child's Best Laxative



Accept "California" Syrup of Figs only—look for the name California on the package, then you are sure your child is having the best and most harmless physic for the little stom-ach, liver and bowels. Children love its fruity taste. Full directions on each bottle. You must say "Cali-fornia."



Stuck Up.

ing, suddenly:

the menu, anticipating a large order and a substantial tip. "Let me see! Beefsteak!" murmured the lady thoughtfully. Then she turned to her eldest daughter. for you, Bertha?" she asked. short silence, "Perhaps that's why can't get my hat off."

> "Yes, please, ma."
> And so on till her seven offspring
> had plumped for beefsteak. Then she
> spoke to the walter: "Bring me a nice, well-cooked steal

"Yes, please, ma."
"You, Reginald?"

and eight plates, please!"

The astounded menial—good phrase,

that!-gasped. "Didn't you hear me?" she demand-

Classified Advertisements.

FOR SALE

HOICE SILVER BLACK BREEDING Foxes. Reed Bros., Bothwell, Ont

Eking It Out.

Followed by seven s'urdy and eager-

eyed children, the lady with the firm lips entered the restaurant and looked round for a suitable table.

An obsequious waiter showed her to comfortable corner and offered her

ed.
"Yes, ma'am!" he gasped. "Only I was thinking that if your family sat at that table next the lift and sniffed 'ard, they'd get more of a meal.'

Minard's Liniment for sale everywhen

Lawn tennis only came into existnce in 1874

DOUBLE BEAULY

OF YOUR HAIR

"Danderine" creates mass of thick, gleamy waves



can have it abundant, soft, glossy and full of life. Just get at any drug or one small strand at a time. Instantly, yes, immediately, you have doubled the beauty of your hair. It will be a mass, so soft, lustrous, and so easy to do up. All dust, dirt and excessive of

removed.

Let Danderine put new life, color, vigor, and brightness in your hair. This stimulating tonic will freshen your scalp, check dandruff and falling hair and help your hair to grow long, thick, strong and beautiful.



Know The Joy Of A Beautiful Complexion Hair And Hands

They may be yours if you make Cuticura Soap and Ointment your Soap cleanses and purifies, the Clat ment soothes and heals redness roughness, pimples, and dandruff Soap 25c, Obstment 25 and 80c, throughout the Dominion, Canadian I Lymans, Limited, St. Paul St., Nont

ONLY TABLETS MARKED "BAYER" ARE ASPIRIN

Not Aspirin at All without the "Bayer Cross"



Colds, Pain, Headache, Neural-Toothache, Earache, and for matism, Lumbago, Sciatica, Neu-take Aspirin marked with the

There is only one Aspirin—"Bayer"—You Aspirin is the trade mark (registered in Canada) of Etcaeldester of Salicyticacid. While it is well known