

C. L. B. Cadets



The First Newfoundland Regiment, with its 1000 men, is the only one of its kind in the world. It is a very old and famous regiment, and its members are very brave and loyal.

The regiment is now in the process of being retrained by the British Army, and it is expected that it will be a very strong and effective fighting force in the future.

The regiment is now in the process of being retrained by the British Army, and it is expected that it will be a very strong and effective fighting force in the future.

The regiment is now in the process of being retrained by the British Army, and it is expected that it will be a very strong and effective fighting force in the future.

The regiment is now in the process of being retrained by the British Army, and it is expected that it will be a very strong and effective fighting force in the future.

The regiment is now in the process of being retrained by the British Army, and it is expected that it will be a very strong and effective fighting force in the future.

The regiment is now in the process of being retrained by the British Army, and it is expected that it will be a very strong and effective fighting force in the future.

The regiment is now in the process of being retrained by the British Army, and it is expected that it will be a very strong and effective fighting force in the future.

The regiment is now in the process of being retrained by the British Army, and it is expected that it will be a very strong and effective fighting force in the future.

The regiment is now in the process of being retrained by the British Army, and it is expected that it will be a very strong and effective fighting force in the future.

The regiment is now in the process of being retrained by the British Army, and it is expected that it will be a very strong and effective fighting force in the future.

The regiment is now in the process of being retrained by the British Army, and it is expected that it will be a very strong and effective fighting force in the future.

The regiment is now in the process of being retrained by the British Army, and it is expected that it will be a very strong and effective fighting force in the future.

The regiment is now in the process of being retrained by the British Army, and it is expected that it will be a very strong and effective fighting force in the future.

The regiment is now in the process of being retrained by the British Army, and it is expected that it will be a very strong and effective fighting force in the future.

The regiment is now in the process of being retrained by the British Army, and it is expected that it will be a very strong and effective fighting force in the future.

The regiment is now in the process of being retrained by the British Army, and it is expected that it will be a very strong and effective fighting force in the future.

The regiment is now in the process of being retrained by the British Army, and it is expected that it will be a very strong and effective fighting force in the future.

The regiment is now in the process of being retrained by the British Army, and it is expected that it will be a very strong and effective fighting force in the future.

The regiment is now in the process of being retrained by the British Army, and it is expected that it will be a very strong and effective fighting force in the future.

The regiment is now in the process of being retrained by the British Army, and it is expected that it will be a very strong and effective fighting force in the future.

JUST OPENED!

AND NOW READY FOR YOUR INSPECTION

COMPLETE NEW ARRIVALS IN

LADIES' HATS

NEW COATS

NEW DRESSES

NEW SUITS

Important

New merchandise which arrived too late for opening days of our Anniversary Sale—affording you an opportunity to select your new Hat, Coat, Dress or Suit from brand new assortments and at 7th Anniversary Savings.

TWO BRAND NEW

Ladies' Coats

SPECIALS!

Just opened—Over 200 brand new Coats. All the newest styles, shades, every size. Not one Coat in the lot worth less than \$20.00

14.⁹⁸

EXTRA SPECIAL! These Coats at \$18.98 are beyond any doubt our greatest value offering of the year. New Coats worth up to \$30.00

18.⁹⁸

LONDON, NEW YORK & PARIS ASSOCIATION OF FASHION

may 11.12

piece of wood being found in the key-hole of a lock for the purpose of blocking it. A turner declared that the man who made it must have been a carver. A carver then recognized the marks of an instrument only used for making boot-trees.

The householder then remembered that a former servant had been a boot-tree maker. So the thief was tracked down, and similarly, when a body was found in a back, an expert declared that the sack had been sewn up by a woman and tied up by a man. Moreover, owing to the nature of the knots, the man was a weaver. As, indeed, he proved to be.

Bloodstains speak. They can tell whether they be human or animal, whether they come of veins or arteries. Their shape will show whether they fell from a person who is stationary or in motion.

In pursuing your inquiries a microscope is often invaluable. Some person had entered a hopfield on the eve of the harvest and cut down and destroyed a large number of vines. On the man who was detained on suspicion was found a carved gardener's knife—it could have done the job easily. But the blade was clean—it had been recently sharpened. Not satisfied, the examiner drew the rivets which held the blade to the handle, and there, at the very base of the blade, he could detect with the microscope a number of tiny spurs which are so characteristic of the hop. They were found to convict the offender.

Blue Taxi for reasonable rates, Phone 2016.—may 7.61

Feathered Lightning Flashes

BIRDS THAT FLY THREE MILES A MINUTE.

Naturalists travelling in a motor-car had an opportunity recently of making observations of the speed of wild birds in flight. When going down a narrow lane a bird came out of the hedge and flew along in line with the car. It was identified as a willow-warbler, and the speedometer of the car registered 23½ miles an hour.

Hedge-sparrows kept ahead of the car for 200 yards and maintained a speed of 24 miles an hour, but were caught up and passed when the speedometer needle touched 29. A young cock blackbird was overtaken at 18 miles an hour, but a cuckoo flew at a speed of 23 miles an hour for nearly a quarter of a mile. Driving along a straight road at dusk a little owl flew straight in front of the car in the glaring light of the lamps. It easily outdistanced the machine and was probably flying at a rate of almost a mile per minute.

Leaving Aeroplanes Behind. The ceaseless activity of birds and the enormous energy used in flight causes them to have very high temperatures. It rises sometimes to 112 degrees F., over 13 degrees higher than man's. A bird's heart often beats at the rate of 120 a minute when the bird is at rest, and the movement is much more rapid when the bird is in flight. The muscles of flight of these feathered lightning flashes commonly weigh a sixth, and in a pigeon about a half of the weight of the whole bird.

One of the fastest birds known is the swift. An observer in Assam reported recently that some of these birds flew from his bungalow to the ridge of a hill, exactly two miles away, in 36.42 seconds. The swifts must have flown at a speed of 200 miles per hour, which is faster than most aeroplane pilots have ever travelled.

Just Folks.

By EDGAR GUEST.

FOLLIES.

It is my weakness she most regrets: I am too fond of pipes and cigarettes, Too fond of golf, too fond of books, which I Am tempted oft beyond my purse to buy.

And yet her smiles of tolerance infer Such loves as these increase my love of her.

"I am too fond of pictures," she exclaims, My money flies for canvases and frames. That which she needs I stubbornly deny. But all some artist offers I will buy! To many a new found treasure she has said: "I'd like the butter thicker on my bread."

She tells our neighbors curious tales of me As if 'twere strange that such a fool could be. She meets the smiling book man at the door And mutters: "Mercy! Has he purchased more?" She sees me handing over some antique And knows the man has struck me where I'm weak.

Sometimes she scolds, but never in her tone The touch of downright harshness have I known: Despite these loves and follies I possess, My love for her has never grown the less.

"If he must be a fool," she whispers low, "I'd rather books and pictures make him so."

Blue Taxi—10 open and closed cars.—may 7.61

New Arrivals!

HARDWARE DEPARTMENT.

Spring Balances
Coffin Furniture
Jap'd. Cash Boxes
Saw Pads
Flour Sifters
Iron Handles
Tool Grinders
Can Openers
Wire Screen Cloth
Bamboo Trout Poles
Screw Drivers
Files
Driving Lamps

Chair Seats
Varnish Stain
Stove Pipe Enamel
White Enamel
Aluminum Glaze
Auto & Engine Enamel
Sash Rods
Picture Hooks
Fire Shovels
Eng. Rim Locks
Squares
Plumbs and Levels.

Fencing Wire, Gates, walk and drive: Wire Netting, Fox Wire, Plain and Barbed Fencing, Fencing Staples.

Railway Lanterns
Ice Cream Freezers
Chisels
Farriers' Knives
Round & Square Top
Shovels
Floor Brooms
Gold Leaf
Vacuum Flasks

Butchers' Cleavers
Sheep Shears
Carriage Whips
Butchers' Steels
Sash & Stair Rods
Chains
Household Scales
Hasps & Staples
Lanterns
Gold Enamel.

Also a shipment of

TINWARE and ENAMELWARE

consisting of

Bread Tins, Colanders, Pie Pans, Dust Pans, Patty Pans, Flour Sifters, Funnels, Milk Strainers, Sprinkling Cans, Covered Pudding Moulds, Bread Boxes, Boilers, Saucepans, Potato Pots, M. & R. Boilers, Slop Pails, Elbows, Fry Pans, Can Screws, Kettle Ears, Dish Pans, Water Pails, Sinks, etc.

and also a full line of

ALUMINUM WARE

Such as Saucepans, Teapots, Tea Sets, Cups & Saucers, Mugs, Sink Strainers, Ladles, Cake Turners, Caster Sets, P. & S. Shakers, Soap Dishes, Funnels, Pie Plates

and the following

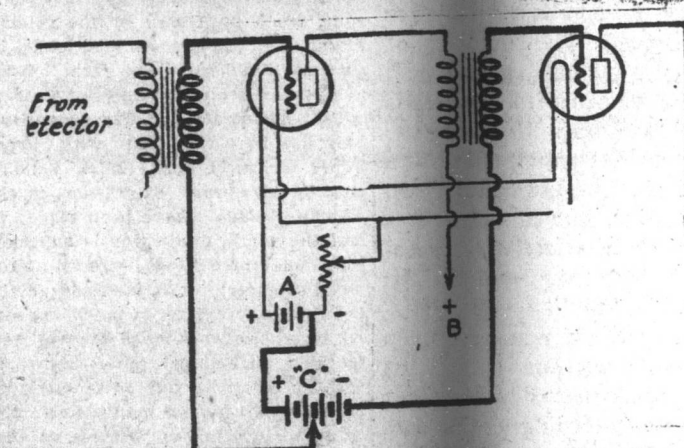
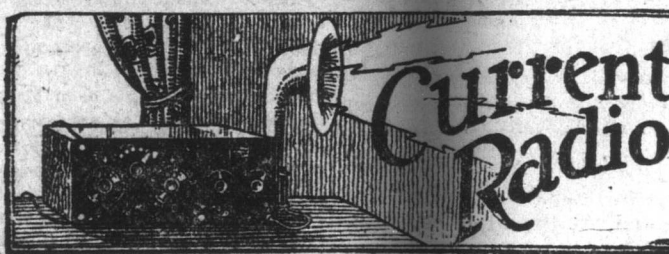
CUTLERY and E. P. WARE.

Knives & Forks, Sheath Knives, Dessert & Table Knives (Plain and Stainless), Ham Slicers, Bread Knives, Butter Dishes, Egg Frames, Salads & Servers, Toast Racks, Tea Sets, Cake Stands, Sugar & Creams Honey Jars, etc.

PRICES LOW—QUALITY HIGH!

G. Knowling, Ltd.

may 6.31.60



The C. Battery

EDITED BY JOHN M. CLAYTON.

If a higher plate voltage than 45 volts is used on the UV-199 or UV-201-A tubes serious distortion is likely to be present when using these tubes as audio-frequency amplifiers. In addition the B battery consumption will be much higher than normal and the B battery life will be greatly shortened. Also the life of the filament in the tubes will be materially reduced.

In a multi-stage audio-frequency transformer it is desirable to use different plate voltages on the tubes in the different stages. In the first stage, if we use 60 volts, say, the second stage will require 80 or higher. This also requires a different C battery voltage for each stage. From our diagram above you will note the method used in connecting the C battery to the grids of the audio tubes. A tap is taken off at the required voltage for the first tube and the whole C battery is used on the last tube. Note that the positive terminal of the C battery connects directly to the negative terminal of the A battery and not to the tube socket terminal.

When using plate voltage of anything up to 45 volts no C battery is required as the necessary grid potential is obtained through the voltage drop across the rheostat. Plate voltage from 45 to 60 require C battery.

Copyright, 1925, by The American Radio Relay League, Inc.