CHOOL STUDY SPORTS

## THE JUNIOR BRITISH WHIG

BIGGEST LITTLE PAPER IN THE WORLD

Sam said he'd read everything there

First he gave us Twain's "Ad-

Man's Luck," which sounded interest-

Some Adventure Books

Other books he named were Steven-

son's "Black Arrow." which is a

story about an outlaw band in Eng-

land, and Meader's "Black Buccaneer."

Then he named a list of books about

famous people written especially for

Another book by Mark Twain he

When we were getting ready to go | Yankee in King Arthur's Court,"

ing, and a pirate story by Bennett Musketeers," by Dumas. It's a dandy

story about a boy captured by The book is by Turley. Another book

boys. These were "Boys' King Altogether, he gave us twenty books. Of course none of us will get through all of them, but we're read-

Abraham Lincoln," by Nicolay: "The Boys' Life of Edison," by Meadowcroft; and "Boys' Life of Theodore them. And we were all tickled, be-

HUMOR PLAY WORK

Classics for Boys

He told us we must be sure to read

Kipling's "Jungle Book." all about

animals in India and a boy who was

raised among them. Some good ad-

ventures of Robin Hood." And he

said we mustn't forget to read Scott,

especially "The Talisman," which has

in it about Richard, the Lion-Hearted. Another book most of us had read

anyway, but which some of us are

book, all right. "Twenty Thousand

Leagues Under the Sea," by Verne,

is another classic we mustn't miss.

to read about "The Voyage of Captain

Scott," who hunted the South Pole

of fiction, by Altsheler, which he gave

us is "Young Trailers," a story of

cause we won't be going around

Scribe of the Pirate Seven.

-AL STUBB

wondering what's good to read,

He said he was sure we'd all like

THE SHORT STORY, JR.



the sash of her organdy dress for Then she strutted brother who went along, said we'd back and forth better pack in some books to read. of the Cachalot," by Bullen, a book sefore the mir- Of course some of us said it wasn't about whale fishing, and "High Adto see that it any use; we wouldn't have time to venture," by Hall, which tells about looked just right, read anyway. But John said we fighting in France. Hall was one of "I thought you'd wouldn't be all the time fishing or the fellows in the famous Lafayette something. And we might as well Escadrille. gone long ago," spend our extra time reading some her mother good stuff. scolded. 'Here

Well, I can't go out looking a laughed, and then he named some fright," pouted Marion. She picked books and asked Sam if he'd read up her parasol and went off down them and Sam said no. John seemed the street, hoping that every one was to know a lot about good books for boys to read, so we got him to name knighthood, and Pyle's "Merry Ad-

her mother was talking over the summer reading. So he did. telephone. "Well, I don't know," she was saying. "I'm afraid Marion is ventures of Tom Sawyer," which most vain already, and this might-oh, all of us had read. Then there was a She turned book by Rutsebeck called "Alaska



from the telephone to Marion. 'Miss the big merchants' exposition at the armory. She wants you to be a told us to read was "A Connecticut model in the millinery department, Refore the day was over, Marion had been around to see every one she

enew and to mention casually that she had been asked to be a model. The day of the show she curled her hair with great care. She was placed in a booth with other models and the saleswoman brought out a specially made hat for her. Soon the crowd came and the display talks began. "Here," said the saleswoman, "we have an attractive hat. It shows how the right color and shape can brighten up a sallow skin and give softness to thin features." She waved her hand in the direction of the startled

ask if you would take part in him real well.

ANSWER TO YESTERDAY'S PUZZLE IS: RAMBLER

ROSES

PUT TWO LETTERS IN EACH OF DAISES THESE BLANKS AND YOU WILL HAVE FOUR OCLOCKS A WELL KNOWN QUOTATION

AT COLLIN'S BAY.

built. R. Grass and family, Toronto, | terest here. Mrs. Wm. Scott, Woman are at their cottage here for the River, is visiting her parents, Mr. summer. Mrs. Reid, Walkerville, and Mrs. John Frink. Mr. and Mrs. Hartington, June 20.-Mr. Gardi-

John Purdy, Saskatchewan, former- Reed and family, Kingston, were rely of this place, were sorry to hear cent visitors at L. A. Wartman's. Cottages Opened for the Summer - of his death. Mr. and Mrs. T. K. Miss Marjorie Elliott, Winnipeg. is Rutherford visited at L. Flynn's on visiting her cousin, Miss Fairfield. Collin's Bay, June 19.-G. F. Sunday. The Kingston Chautauqua Mrs. Thomson and little son, Lon-Clark is having a fine boat house July 1st to 7th is creatting much in- don, are also at T. D. Fairfield's.

and Mrs. (Dr.) W. H. Rankin, A. M. Rankin expected to return ner is through crushing spar and Brooklyn, have also opened their home this week after a pleasant trip moved the crusher to Jackson's home here. Mrs. Sarah McDonald is through western Canada. Miss Mar- Mills yesterday. Cement walk is beliving in her own house in the vil- ion Rankin is home from Havergal ing laid in the east end of the vill-

lage again. The many friends of College, Toronto. Mr. and Mrs. S. F. age. Lizzie Abrams, who is ill, is



SELECT the silverplate which this year celebrates its own seventy-fifth anniversary, which bears the distinctive date of 1847. Friends can choose the same pattern for their individual gifts, which then combine to form a really worth-while set of silverplate.

In this Anniversary Silverplate, knives, forks and spoons are matched by fancy serving pieces such as berry spoon, pie knife or cold meat fork. Each beautiful piece thus contributes that little touch of harmony so necessary in correct table settings.

Your dealer has "1847 Rogers Bros." or can get it for you. MERIDEN BRITANNIA CO., LIMITED, HAMILTON, ONT.

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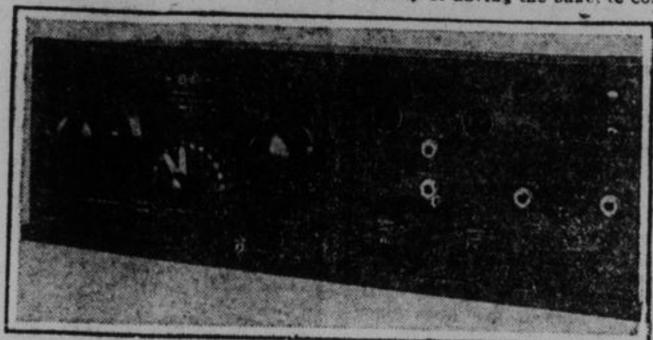
> Sold by Mahood Bros.

## APPARATUS AND DEVICES

By RALPH BROWN, RADIO ENGINEER AN EFFICIENT AND WELL MADE REGENERATIVE RECEIVER.

Although enabling a wave length range of from 150 to 3,000 meters, the regenerative receiver illustrated is very compact and comprises a two stage audio frequency amplifier, in addition to the receiver and vacuum tube detector. The circuit used is the tuned grid and tuned plate, which allows of very easy control of regeneration. Complete wave length control is had with only three knobs, which simplifies the adjustments necessary in operation. The 'arge knob

to provide flexible connections. The vernier arrangements are probably the most novel to be seer anywhere. They are rubber tired tangent wheels, which grip the different controls and provide for extremely delicate adjustment | The rheostat wheels are cal'brated in ohms, so that the resistance may be seen at a grance. The variometer construction is also very novel and efficient. The cou frame are of molded bakelite, made in such a way as to obviate the necessity of having the baket'te come



capacity of an entenna series conductance and provides for eliminating the effect of the unused turns of the coll. The large knob just to the right of the switch controls the plate circuit or tickler coil. This tickler coil is the rotor of a variometer, whose stator winding is connected into the grid circuit and is in series with the bank wound inductance coll. Jacks are provided, as shown for connecting the telaphone raceivers to either the detector, first stage or second stage of amplification. A lack immediately above the detector tack allows of the use of a separate external detector if desired for any reason.

This receiver has many little refinements, such as tapered knobs and hinding posts vernier adjustments of condenser capacity tick ler coupling and tube rheostats There are no bearing contacts any. where in the re-eiver waven braid being used instead for making such connections. The wiring is very rigid except where it is necessary in making counsctions.

on the extreme left controls the | between the rotor and stator turns Up in the right hand corner are denser. The two bladed switch | two binding posts for a loud speak next to it controls the antenna in- | er, so that it may be left connected When it is desired to use the loui speaker and cut off the head telephones it is only necessary to slip the plug a little way nor of the jack. When the plug is pushed all the way in the 'oud speaker is disconnected. Aluminum screens are mounted in oack of the panel where necessary to eliminate the detuning effects of "body capacity." All connections for "A" and "B" batteries are made through the rear of the cabinet, sa that it is not necessary to have a number of wires visible from the front.

The filament rheosta's may be left in adjustment and the rube filaments are extinguished when the plug is withdrawn from its tack. When detector only is used both amplifier tube flamente are thus cold and take no current from the storage battery. The panel is of best grade bakatite is hand rubbed and makes a fine appearance All controls and sinding posts are plainly marked to avoid guesswork

## RADIO EXPLAINED

INSTRUCTOR NEW YORK Y. M.C.A. RADIO SCHOOL

CONNECTION OF PLATE CIRCUIT TO FILAMENT TERMINAL.

There are two filament termirals, one positive and one negative. The positive terminal is, of course, the one connected to the positive terminal of the "A" battery, and the segative is the one connected to the negative battery terminal. In order to dave a current flow in the plate circuit and between the filament and plate within the tube it is ne :- sary to connect that circuit to one of the filament termiuals. If me connection is made to the negative filament terminal and the voltage applied to the filament is five volts the plate battery voltage will be opposed by one-half the voltage applied to the filament. This is because the plate circuit current flows principally through the negative side of the fliament and is opposed by the filament current flowing in the opposite direction in that portion of the filament. If the plate voltage applied by the plate battery is 45 volts then the resultant voltage or the plate will be 45 less 21/2, or 421/2 volts If the connection is made to the positive filament lead, however the filament current in that portion of the circuit assists the plate current, since both are flowing to the same direction. We then have the plate battery voltage, added to by the voltage in that saif of the filament, and the resultant is 45 pin : 21/2. or 471/2 volts. The plate voltage is

and where the "A" battery is da sired to assist the plate batter; this connection should be made Frequently, however, it Joes no make any practical difference since the tune might function equally well with the slightly low er voltage, and, in fact \* high at plate voltage might un-secessarily increase the plate current normally flowing.

When a "soft" detector tube to used it is quite often advisable to provide some means of var-ing the plate voltage in very small steps This can be done by connecting the resistance unit of a 300 chm potentiometer directly across the filament battery and connecting the sliding contact to the nevalive terminal of the plate (or "B") battery, through the head tel phones. With a six voit storage on tery for the filament and a 221/2 volt battery for the plate the voltage applied to the place may be varied in small steps a little above and below 221/2 volts. The resistance of the potentiometer is 300 o'ms and the voltage of the filament battery is six volts. The current taken by the potentiometer from the storage battery is, then, by Ohm's Law only .02 ampere (2-100 empere) and very small compared with the current taken by the filament This potentiometer is not needed, of course, when a 'hard" tune is used. since the plate potential required for detection is not Learly 30 critical.

increased by 21/2 volts in this case Will readers interested in these radio articles kindly communicate with the editor by mail?

pital Sunday.

eral of the late Mrs. John Challic, Qua, July 1st to 7th. Oak Flats. Mrs. J. E. Freeman is in the city with her daughter, Mrs. M. Wilder, H. Harkness and family, Kingston, visited B Campsall recent- ries is the order of the day. The ly. Daniel Freeman attended jury berries are large and plentiful. in Kingston last week . Dora Camp- Chautauqua at Kingston is attractsall is home from Peterboro normal, ing attention here. The U.F.O. held Mrs. John Moore is ill. Colborne Wood and family, Peterboro, called Thursday. A good crowd attended. on friends in the village yesterday. An inteersting ball game was played Harry Moore, Oat Flats, is at John in the afternoon between Howe Is-Moore's . Rev. J. A. Waddell is ex. land and the Pittsferry Prospects, pected to address the Sunday school Howe Island winning by a score of next Sunday. They are to have a 13 to 4. Mrs. E. Kirkpatrick and picnic in the near future. Harting- baby, Amherst Island, are visiting ton people will attend the Kingston Chautauqua, July 1st to 7th.

Bath Road News. Bath Road, June 19 .- The frequent rains are a great benefit to the crops. Strawberries are quite plentiful. Misses Thelma Cliff and Mildred Redmond are spending their holidays with their parents here after completing their course at the Ontario College of Education, Toronto. Jason Orse: has purchased a new car. Mr. and Mrs. George Keyes motored from Toronto and are visiting the former's mother, Mrs Wil-

Mr. Murphy and dau- liam Keyes, and other relatives. Wilghter have moved to the city. Earl liam Keyes, Michigan, is also with Ryan has been laid up with a sore his mother. Rev. T. Meredith, Maihand for some weeks. Mrs. Minnie lorytown. Rev. J. A. Fokes, Ottawa, Leonard came home from the hos- and Mrs. Thompson and daughter, Sydenham, at J. W. Redmond's. Miss Charles Moore has added a fine Maud Quirt, J. McBride, Kingston, at verandah to his residence. Mr. and J. Cliff's. Bath Road will be rep-Mrs. Gooderham attended the fun- resented at the Kingston Chautau-

Notes From Pittsferry. Pittsferry, June 20 .- Picking bertheir picnic at Gate's Point on

ndigestion is usually the result of singgish, torpid action of the liver and bowels, and disappears when Dr. Chase's Kidney-Liver Pills are used. One pill a dose

25c a box, all dealers,



## Dish Towels and Aprons

Let Them Soak Clean in Rinso.

THEY should be CLEAN, shouldn't they, all those kitchen things-aprons, towels, dusters, wash cloths etc.? But there are so many and you are so tired! Alright, let Rinso wash them. It will-every stain and speck of dirt will rinse away after a good soaking in the cleansing Rinso suds.

Rinso is the new modern method for the family wash-but use it properly-do not pour the Rinso direct from package to tub-make the Rinso solution first as per directions on the package. Then it guarantees wonderful results. .

IF YOU USE A WASHING MACHINE

Soak your clothes in the Rinso suds as usual-for one hour, two hours, overnight, or as long as convenient, add more Rinso solution and work the machine. Rinse thoroughly and dry-you will have a clean, sweet, snow-white wash.

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More than ever conscious in light Spring and Summer clothes of her thin, angular, flat-chested figure and scrawny neck and shoulders, many a weman at this time of year will find in MASTIN'S Vitamon Tablets exactly what she needs to help put on firm flesh and build up a shapely, well-rounded form that wins plances of envy and admiration. siances of envy and admiration.

MASTIN'S Vitamon Tablets contain not only the purest form of concentrated yeast vitamines but all three vitamines, scientifically combined by one of the largest and most reliable laboratories in America with specially prepared organic from for your blood, the necessary lime salts and other true necessary lime salts and other true vitalizing brain, bone and tissue-building elements of Nature. By mixing with your food, MASTIN'S Vitamon Tablets supply the needed neurishment so often lost in the cooking and preparation of your everyday food and the lack of which is probably keeping you thin, haggard, with pale lips, sunken cheeks and

WARNING! No matter what anyone mays, if you estually want to make sure of the quick, certain results such as countless numbers have obtained you must insist upon the name MASTIN'S to get the Real VITAMON Tablets. You can get MASTIN'S at all good druggists,

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LOOK THESE

A few of the Song Hits from our store played by "TRENEER'S SONG SHOP ORCHESTRA" at the JUNE BALL:-Coo Coo, Angel Child, Cutie, Jimmy, Old Fashioned Girl, On A Little Side Street, Ta Ta, Mr. Gallagher and Mr. Shean, Morning, Noon and Night, K-K-Kiss Mc Again, I'm a Daddy, Island of Koo Koo, Dixie, Teasin', Bimini Bay, By the Sapphire Sea, and many others. Call or write for what you want.

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"THE HOME OF ALL THINGS MUSICAL"

with her parents, Mr. and Mrs. David, Edgar have returned home from McClement. Mr. and Mrs. Joseph their honeyman.