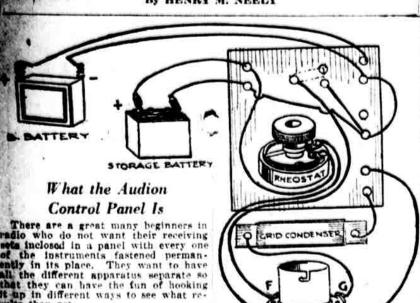
RADIO IN THE HOME By HENRY M. NEELY



BULB SOCKET

This shows the complete "hook

panel with the two batteries neces-

sary for its operation. The illustra-tion makes clear the method of

wiring and the article explains its

up" for the audion bulb control

sets inclosed in a panel with every one of the instruments fastened perman-

aults they get.

I confess to being one of these enthusiasts myself. It is a fine thing to have one of those beautiful complete sets so that, when your friends come in for an evening you can turn on the "juice" and give them a radio concert. But there is an indescribable joy in fussing around with new hook-ups and trying every one that the latest radio or has copied from one of his friends.

That is why I recommend putting each separate piece of apparatus into its own little panel, six inches by six.

This makes it much easier to hook up in a new way and the result looks almost as next as a regularly designed complete set.

The property of the storage battery which will work beautifully on an automobile, but when I hook it up to my nudion bulb it makes such a crashing and "frying" noise in the phones that I cannot hear signals. Before buying a

But whether you adopt this "unit" system or not, there is one part of the instrument that should by all means be mounted on a panel. This is the control system for your audion bulb. There are several instruments that go to make up this control and they are always connected in the same way, no matter what kind of book-up you try, so having them permanently in this form saves the trouble of wiring them together each time you change the set and avoid the turers have put these dry cells into near the turers have put these dry cells into near

trouble of wiring them together each radio has swept the country, manufactime you change the set and avoid the chance of making mistakes.

Let us examine the little panel which we described in the last article of this series.

Take the back view of the panel, as shown in the illustration. You will find it booked up to two batteries. The stor-volts; others require more, I make it a pareite always to buy the described in the last article of this way to buy the described by the panel as a pareite always to buy the described by the age battery, known as the "A", is the a practice always to buy the 45-volt case which supplies the current of electricity to light the filament of the bulb, unit with a switch which enables me to take our 221½ volts and then, by this purpose and most of the ordinary steps of 1½ volts each, any strength up batteries used in automobiles will do to 45. With that I can try any bulb very well. All, however, will not. I I want in my set. And a little varia-

tion in this "B" battery strength will often give a great improvement in signals.

The rheestat is a continuous coil of special wire asually in a circle with a switch blade that revolves over its edge. The county agriculturist. Altouching any part of the circle desired. This wire offers a very high resistance Little Dwarfs." a bedtime story for the children. special wire usually in a circle with a switch blade that revolves over its eage, touching any part of the circle desired. This wire offers a very high resistance to electric currents, so much so, in fact, that, if the entire circle is put in your "A" battery circuit, none of the current will reach the bulb.

The switch revolves over this resist.

Lincle Wignily's bedtime story.

8 P. M.—Music by Arthur C. Stott, tenor:
Miss Bernice E. Quartz. accompanist.
Borellis Band. A. Borelli. conductor (for G. G. (conn. Ltd.))

SCHENERTADY STATION (WGY)

ance wire, gondually including less or more, as you desire, and so regulating the brightness at which your bulb burns This brightness is important and has much to do with the clearness of the signals received.

Always operate on the least bril-liancy that will give you satisfactory It is a great mistake to force the fila-ment of the bulb. Howling and whis-tling in the phones are usually a warn-

ing that you are putting too much cur-John McGrath Estate Worth \$40,rent into your filament.
You will notice, in the diagram of the back of the panel, there is a wire from the minus binding post of the "B" battery to the minus of the "A." Al-Al- today, leaves \$100 of his \$40,500 estate most all hock-ups call for this connection so you are safe in making it a permanent one on the back of the board.

The rest of the illustration is self-explanatory.

In the will of Margaret C. O'Brien, Today's Programs

In the will of Margaret C. O Briefle, who leaves a \$6000 estate, \$100 is bequeathed to each of the following institutions: Little Sisters of the Poor, House of Good Shepherd, St. John's

Philadelphia Station (WFI) Strawbridge & Clothier

6 P. M. - Late news from Printer Rad to 420 P. M.—Concert. Tener solo, recessing the Part. Buck John Owens, todin solo, Harre Schmitt, boss solo, Blow, Blow, Thou Winter Wind, Sargeant, John Vandersleet, John Solo, Harre Schmitt, duct, taim is the Night, solot, John Owens, cour, and John Vandersleet, bass solo, con the Shore, Neidlinger, John Candersleet, Solot, Vandersleet, Solot, Solot,

Sino P. M.—Baritone solo. Charles Derloy- and Agnes T. Norton, \$37.891.80. shire Stan P. M.—Box Week address, by George P. Pawling, Jr. The Tronbadouts, presenting PERSHING NOT COMING HERE

Philadelphia Station (WIP) (Gimbel Brothers)

M -Selections by the Gimbel Orhestra.

23a Theresa Huttenick, contraits songs,
G. Lorey Lindsay at the piano.
a P. M. Phonograph selections.
7:95 P. M. Final basebali scores via

General Persing Caulty reunion of the Twenty-eighth Division in this city.

Word to that effect was received this morning at Division headquarters from Pershing who stated that he had been

7.15-Uncle Wip's bedtime stories for the kiddles.
720 P. M.—Uncle Wip will read the names of children writing to him.
7.30 P. M.—Varied musical selections. PITTSBURGH STATION (KDKA)

(Westinghouse)

3.40 P. M. and at fifteen minute intervals thereafter. Baseball scores.

7 P. M.—icaseball scores.

News.

Seves.

Citizenship. by Miss Vivan B. Small president of Lake Eric College. Paines.

Planes.

Paines.

The "unavoidable absence" of America generalissimo is a severe setback to the plans of the Division leaders. He was scheduled to attend the dinpresident of Lake Eric College. Paines and to review the division parade on the control of the college to the plans of the Division leaders.

The "unavoidable absence" of America generalissimo is a severe setback to the plans of the Division leaders. He was scheduled to attend the dinpresident of Lake Eric College. Paines and to review the division parade on the trip was not disclosed. 7 15 P. M .- Government market reports

Little Benny's

LEFT \$200 TO CHARITY

500, Probate of Will Shows

Day Nursery and the Home for Crippled Children. The residue is left to the Rev. Nevin F. Fisher, for dis-tribution among Catholic charities.

tribution among Catholic charities.
Other wills probated are those of
Horace B. Sturges, who died in the
Samaritan Hospital, \$5400; Emeline
Hoyle, who died in the Presbyterian
Hospital, \$77,000; Margaret A. Metcalf, 6426 Argyle street, \$10,000, and
Matilda Van Rensselaer Yard, 327

Matilda Van Rensselaer Yard, 32 South Eighteenth street, \$14,200. In

ventories were filed in the personal estates of John Lambert, \$176,073.44.

Sends Word He Will Be Unable to

Attend Twenty-eighth Reunion

ordered to go on a four days' trip to Camp Lee, Charlotte, N. C. The na-ture of the trip was not disclosed.

and to review the division parade or

General Pershing cannot attend the

John McGrath, of 1607 North Eight-

uildren. Uncle Wiggily's bedtime story. SCHENECTADY STATION (WGY)
(General Electric Company)

12:30 P. M.-Farly stock market quota-6:00 P. M .- Produce and stock market quo-6:00 P. M.—Produce and stock interval tations, basebait results, news bulletins, 6:30 P. M.—Seventh chapter of "Alice in Wonderland," Kolin Hager, reader, 6:40 P. M.—Heatih talk, "Safe Water for Camping Parties," by Dr. Herman M. Biggs, New York State Health Department, 7:45 P. M.—Concert program:

comfort.

And he put his feet up and started to smoak with a sattisfied ixpression, and ma sed. I should think you'd be tired of staying home every nite. I should think you'd feel the need of a little amusemint and reckreation.

Jest sitting heer on my 4th from the last vertebra and drawing good cleen smoak into my lungs is amusemint and reckreation enuff for me, sed pop.

Wich he kepp on doing, and ma sed. Wy dont you call up Mr. Lewis and see if he wunts to bowl or play bill-yerds or something?

whose hed is it? sed pop.

I meen its impossible for you to stay home tonite, sed ma. the Passwerd Comitty of the Dawters of Cleopattera is going to meet heer tonite and everything, so for goodniss sakes dont get too comfortable.

To repeet the blind mans famous remark. I see, sed pop, well, far be it from me to wish to be the sole repersentative of the male sex in eny gathering of the Dawters of Cleopattera.

And he took his feet down and took

DETECTOR

TUBES—\$5.00

Well, well, I thawt you dident like that fello, sed pop, and ma sed. Well, nobody can be as black as they're painted and theres no use being narro minded, do you wunt me to call him up for you?

Was Widow Zander's lawyer afraid to place one of her sex in the jury box? Did he you? By Lee Pape

Restidday after suppir pop took off his shoes and put on his slippers saying. Ah, now for a cigar and 14 carrot solid comfort.

And he put his feet up and off many beds with a second page. The dooce is the say of the s

EUGENE G. WILE No. 7 North Tenth Street

Everything in Radio of Standard Makes Complete Radio Sets Installed

MURDOCK PHONES 3000 Ohms

Our STOCK is COMPLETE All Standard Parts at List Prices

Come here and avoid disappointment. We guarantee all our nerchandise. Mail Orders Promptly Filled



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The Right Goods The Right Prices

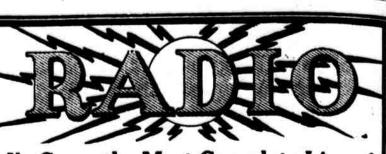
UHRElectric Supply Co. 19 N. 7th St.

Rell-Market 2602 Keystone-Main 5959

Was Widow Zander's lawyer afraid to place one of her sex in the jury box? Did he ilkure that her charms would influence a male jury? The breach of promise case of Widow Zander against Uncle Him is reported daily in the Evening Public Library Comio Section. For real fun follow "The Gumps" every day. "Make it a Habit."—450.

RADIO!!! DUDLEY-VOUGHT COMPANY Philadelphia, U. S. A.





We Carry the Most Complete Line of Radio Equipment in the City Acme Amplifying Transformers \$4.50 Thorardson Amplifying Trans-Double Head Phones . . \$5.00 to \$15.00

Variable Condensers, 43.... 3.40 Variable Condensers, 23.... 2.50 formers Fada Crystal Detectors 2.20 3-Y-Q Amplifying Transformers 6.00 Lightning Switches, 100 Amp. 2.75

Brach Lightning Arresters, enclosed) 1.00 Paragon Rheostats 1.40 Marvel Sets...\$12.50 "A"Batteries (Storage)\$11.50 OPEN FRIDAY AND SATURDAY EVENINGS

THE SPORT CENTRE" BROADWAY CYCLE CO. 527 MARKET ST. PHILA.

BRANCH 1203 BROADWAY, CAMDEN, N.J.

Boys' Week



Give the Growing Boy Plenty of Milk

Milk—the perfect food—the body-builder-will make a man of him. It makes healthy children—sturdy boys—and rosy-cheeked girls.

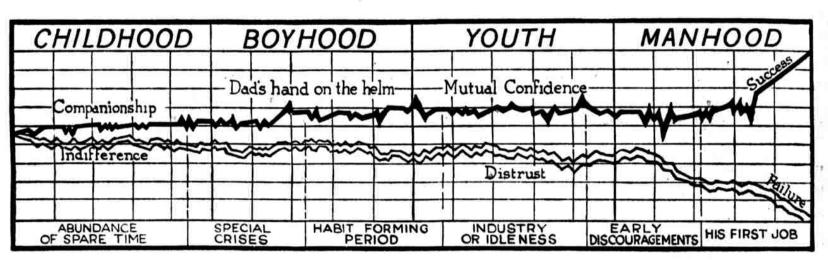
GOLD MEDAL MILK

Rich—fresh—pure—wholesome

SUPPLEE-WILLS-JONES



Your boy—Asset or Liability?



Study the chart. You will find it as interesting as a diagram of business—and ten times as important, if you are a father. Here are the life lines of two American boys—the kind we all know. Each started with average health and prospects. Each had to go through the "awkward age"—the critical stages of boyhood and adolescence.

Each met the same discouragements and hard knocks in his youth. One got over the rough places with manly courage: the other drifted aimlessly. One became an asset to his family and to his country. The other—a liability.

Why this tragic difference? Whose the responsibility? Those who have made a life study of boys and men-experts in practical boy psychology—are agreed that a father's companionship is the big vital factor which determines a boy's place in the world. The lack of that friendly relationship is the most disastrous lack in America today.

Thousands of fathers realize they are losing their son's confidence at the very time he needs their guidance most... How often you hear the remark-"I just don't seem to be able to get hold of my boy."

When the City of Philadelphia set aside "BOY WEEK" it expressed the whole nation's conviction that fathers and sons should "get together" for the health of the nation.

But there are fifty-one other weeks in which growing boys need to be chums with Dad. And there are 3,360 hours of spare time in a boy's year-Dad's opportunity, if he knew it! How is a busy father-harassed and preoccupied in his grown-up world-going to make the best of a responsibility which he cannot turn over to any other human being?

A practical plan has been perfected. A group of our country's most successful Boy Workers have made the whole thing delightfully simple by a program of boy activity.

If you have a boy or boys between the ages of eight and sixteen send your name, address and the age of your boys.

Name

I have.....years of age. You will receive complete particulars without any obligation. Let us get together now.

FATHER AND SON LEAGUE EASTERN HEADQUARTERS 44 East 23rd Street, New York, N. Y.

A boy can't help growing

Some boys are not acquainted with Dad

Three thousand hours of spare time—what is he doing with them?

Father needs help as well

It may not be too late

