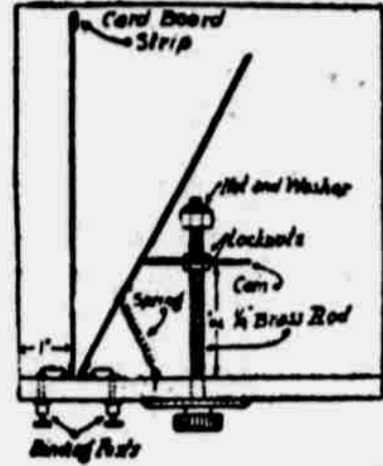




Book Condenser Easily Assembled

Amateur With Few Tools Can Build Device in Short Time.

When the radio fan is thoroughly engrossed in the game, the time comes when he wishes to add more



equipment to his set. He wants to add at least one or two more variable condensers. The rotary type—most generally used on large sets—is too difficult to construct, and the amateur may be relieved by making what is known as a "book" condenser.

This type consists of two metal plates arranged so that they may be swung apart like the covers of a book. Varying the distances between the "leaves" changes the capacity of the condenser.

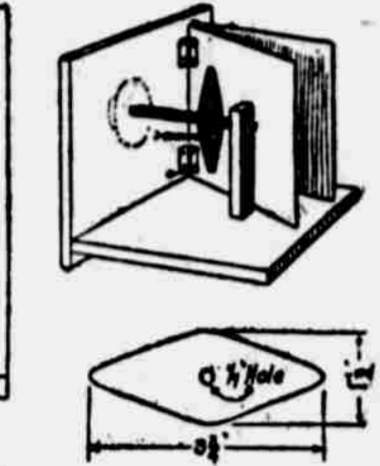
The accompanying diagram gives an idea of the book condenser.

Works On Hinges

To construct this type, construct a panel and base of one-fourth inch, the panel to be eight inches high and six inches wide, and the base

to be six inches wide and six inches long. The base should be fastened to the panel one inch up from the bottom, so that the unit will fit into the carrier frame.

A quarter-inch hole should be drilled in the center of the panel for the knob which controls the condenser. Next, obtain two sheets of No. 20 gauge brass, each six inches square. Mount one plate with small brass angle brackets so that it is one inch in from the left of the panel. The other plate is to be mounted on hinges in the same fashion. Two brackets and two hinges



must be fastened to the back of the panel. The two brass plates should be as close together as possible at the panel end, but great care must be taken to see that they do not actually touch. The condenser will not work if they do. Completion of the condenser will be taken up tomorrow.

Radio to Be Godsend to Many Blind Persons

By the Associated Press. Springfield, Ill., May 24.—Radio and the broadcasting of news and concert music through the air, was declared here today to be a God send to blind persons by Charles E.

Comstock, sightless from infancy, who heads the division for the visitation of adult blind, connected with the state department of public welfare.

"The use of radio equipment by blind persons," Mr. Comstock said, "is undoubtedly the greatest blessing and comfort occurring in this era." He declared that this new invention makes it possible for sightless persons to receive news daily without having it read to them; that the state now has paid readers at the School for the Blind at Jacksonville and the Industrial Home for the Blind in Chicago.

"With the installation of radio equipment," Mr. Comstock said, "their services can be dispensed with. And not only can the blind man now have the advantage of current news, but he can listen to concerts and lectures. I have already equipped my home with radio and am receiving news directly from a central station in Chicago which makes a specialty

of sending out bulletins for blind persons. For the past several evenings I have been listening to concerts given in Detroit."

Use of radio in the State School at Jacksonville and the Industrial Home in Chicago, is being contemplated, according to announcement by Judge C. H. Jenkins, director of the state department of public welfare.

Sending Stations.

Additional broadcasting stations in this country are listed as follows:
Call Location
WOG Toledo, O.—Marshall Gerkens Co.
WFO Dayton, O.—Bika Krumler Co.
WGR Hartford, Conn.—C. D. Tunka Co.
WGH Montgomery, Ala.—Montgomery Light and Water Co.
WGR Medford Hillside, Mass.—American Radio Research Co.
Other sending stations in the United States will be listed in The Bee tomorrow.

SPARKS

The new station established at the Presidio army post opened transcontinental communication with the Governor's Island, N. Y., station this week. Immediate and direct communication with other continental army posts and Honolulu has been planned.

All radio amateurs in Omaha are kindly requested to send their names and addresses and type of receiving sets to the Radio Editor of The Bee for use in publication of a directory.

New York state records show that 1,717 radio companies were incorporated in the month of March, 1922. A summary issued by Secretary of State John J. Lyons shows that an aggregate total of capital of \$58,411,250 is represented.

Since Major General Squier announced his method of operating a wireless set through a lamp socket fuse, manufacturers have reported a remarkable boom in their business. Operation by the new method requires a lot of experimental work—and a lot of fuses.

No. 15 bare copper wire straight for an antenna?

A. (1) If the ampere capacity and voltage rating of the switch in circuit is should be 15. (2) Yes, if it is mechanically strong enough for your needs.

QUESTIONS

A. A. R., Plattsmouth, Neb.
Q. Should a splice in my tuning coil be soldered? (2) Should a 22-foot iron pipe be grounded against lightning?
A. (1) It would be better soldered. (2) Yes.

Y. K. J., North Platte, Neb.
Q. Will a brass switch be as good as copper for a ground connection? (1) Is

Commercial Teachers Begin Convention Here

Central Commercial Teachers' association opened their 10th annual convention at the Fontenelle hotel yesterday. Teachers from Iowa, Nebraska, Kansas, Illinois, South Dakota and Minnesota have registered for the three-day meeting.

Mayor Dahlman will deliver an address of welcome this morning, followed by an inspirational address by Dr. Frank G. Smith, pastor of the First Central Congregational church.

In the evening the teachers will entertain at a banquet in the ball room, followed by a theater party at the World.

Saturday J. H. Beveridge, superintendent of schools in Omaha, will talk on "Opportunity of the Business College."

Douglas County Cows to Be Tested for Tuberculosis

Dr. F. R. Wooding, state veterinarian, was in Omaha yesterday in connection with the tuberculosis eradication campaign being waged in Douglas county. Dr. J. C. Meyers of Norfolk and Dr. L. A. Marshall of Clay Center will start work Monday on inspection of cattle in Douglas county.

Public meetings will be held in districts where the work is in progress, and the film, "Out of the Shadows," issued by the United States Department of Agriculture and circulated by the Omaha Live Stock exchange, will be shown. A general discussion of the tuberculosis problem in live stock will be held.

Tell advertisers you saw it advertised in The Bee.

THE BRANDEIS STORE

Phonograph Club Now Forming

POPULAR INSTRUMENTS  POPULAR PRICES
POPULAR TERMS.

Pay Nothing Down!

Now you can get a real Victrola or Brunswick for only the cost of the first selection of records. Select and buy a few records and the machine will be delivered to your home without further outlay of cash on your part. The terms are so reasonable you will scarcely notice the small amount you have to pay.



Model No. 80
\$100

Mahogany, oak or American walnut cabinet, 100.00. 39 inches high, 19 inches wide, 21 inches deep. 12-inch turn-table. Nickel-plated Victrola No. 2 sound box, new improved Victor tapering tone arm and tapering "goose-neck" sound box tube. Automatic brake, speed regulator and automatic speed indicator. Newly designed, patented and improved, double spring, spiral drive motor (can be wound while playing).

Main Floor—West



Main Floor—West



Model No. 90
\$125

Mahogany, golden or fumed oak, American walnut. 41 inches high, 20 inches wide, 22 inches deep. 12-inch turn-table. No. 2 nickel-plated sound box. Automatic brake, speed regulator, automatic speed indicator, newly designed double spring motor. (Can be wound while playing).

Victrolas

The beautiful new table style is included in our club plan. This is the very newest model from the Victrola factories. Priced at—

\$115

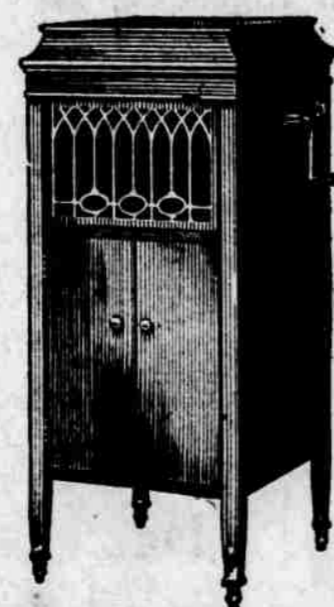
Regular Upright Models Priced at \$100, \$125, \$150
Membership in this Club will be limited, so don't wait.



Send This Club Coupon in Today NOW

J. L. Brandeis & Sons
PHONOGRAPH DEPT.,
OMAHA, NEB.
Gentlemen: Kindly send me catalogues and information of your "Phonograph Club."
Name
Address
Phone

Your Choice of a Victrola or Brunswick



Brunswick Model 207
\$125

Adam Brown or Red Mahogany and Fumed or Golden Oak
Height, 45 1/2 inches; width, 19 inches; depth, 21 inches. Trimmings nickel plated. Equipped with all-wood, oval tone amplifier. Single diaphragm Ultona. Brunswick double-spring motor, nickel plated. Twelve-inch turn-table. Automatic stop. Tone modifier. Shelf filing system designed to accommodate albums.



Brunswick Model 200
\$100

Adam Brown or Red Mahogany and Fumed or Golden Oak
Height, 43 1/2 inches; width, 19 inches; depth, 21 inches. Trimmings nickel plated. Equipped with all-wood, oval tone amplifier. Single diaphragm Ultona. Brunswick double-spring motor, nickel plated. Twelve-inch turn-table. Automatic stop. Tone modifier. Shelf filing system, designed to accommodate albums.

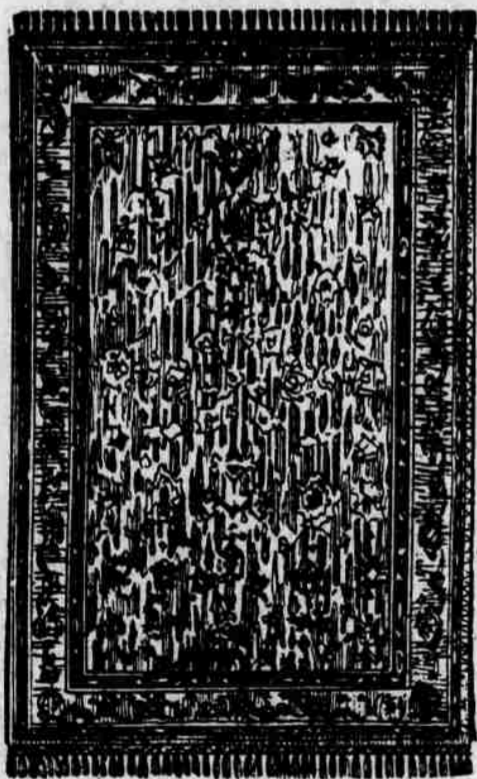


Order Your Phonograph Now!

FREE Demonstration in Your Home—No Obligation

THE BRANDEIS STORE

FRIDAY SPECIAL SALE OF Wilton Velvet RUGS



Fringed Seamless Rugs In Room Sizes

This is a special purchase of very desirable rugs, seamless Wilton velvets with fringed ends in pleasing designs and colorings that are suitable for any room in your home. These rugs are sold as imperfect, but the imperfections are so slight that in many instances you cannot detect them. Often it is only an irregularity in the pattern which in no way impairs the wearing quality.

- 9x12 Wilton Velvet Rugs, Regular 57.50 quality **37.85**
- 8.3x10.6 Wilton Velvet Rugs, Regular 55.00 quality **36.45**
- 7.6x9 Wilton Velvet Rugs, Regular 33.50 quality **27.85**
- 6x9 Wilton Velvet Rugs, Regular 32.50 quality **19.85**

Sixth Floor—West