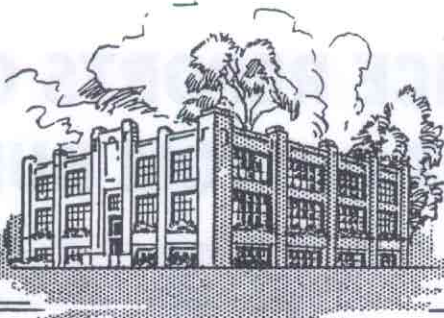


The Scott News



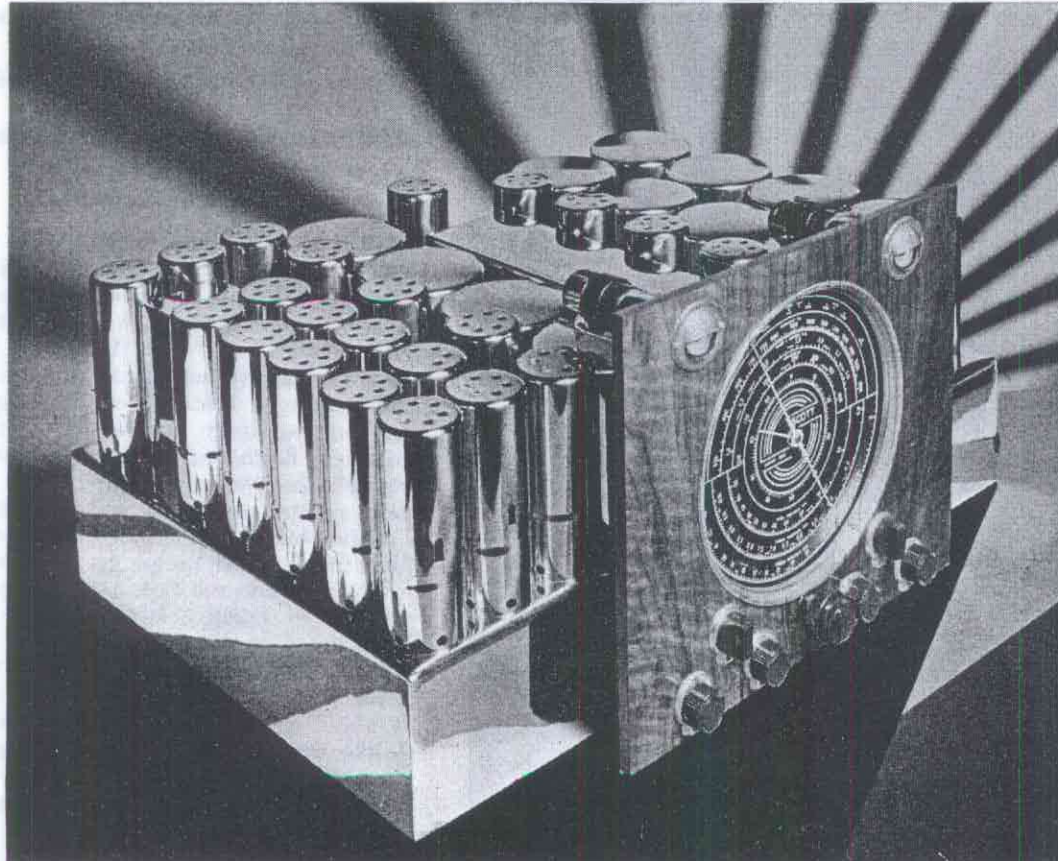
Vol. 11

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No. 1

“YOU SEEM TO HAVE ACHIEVED THE IMPOSSIBLE BY ACTUALLY GIVING US THE REAL ‘TONE QUALITY’ OF THE INSTRUMENTS OF THE ORCHESTRA — EITHER BROADCAST OR RECORDED — AND COMPLETELY ELIMINATING ALL DISTORTION.”

**EUGENE GOOSENS, Conductor
Cincinnati Symphony Orchestra**



Chassis of the Precision-Built Scott Philharmonic

The new 30 TUBE SCOTT PHILHARMONIC is the finest instrument known to radio engineering, with performance standards which we believe are not even remotely approached by any other receiving equipment in the world today. Incorporated in the design of this new SCOTT are many new and exclusive developments of our Research Laboratories and found *only* in SCOTT receivers. All the specialized knowledge gained in nearly 14 years of continual research and building of HAND MADE super-powerful superheterodyne receivers for scientists, musicians, and critical laymen listeners in all parts of the world, has been incorporated into this Custom Built, precision instrument.

PERFORMANCE REPORTS OF THE WORLD'S FINEST CUSTOM BUILT RADIO

Distance Ability on Broadcast Band Unbelievable

"To appreciate the PHILHARMONIC it must be seen and heard, for words are inadequate to express its tone, quietness, fidelity and selective qualities. The distance abilities on the broadcast band are unbelievable; it certainly is a pleasure to be able to listen to a program from the east coast right through and over a local station such as KPO. On the short wave bands, I have listened to programs from every corner of the earth. I am not able to supply you with a list of the stations I have received, as I do not have the patience to write for verifications or compile a list of stations. When I want to hear a program from Europe, I just turn on my set and listen to it. There has been but few occasions when it was too noisy to enjoy a European broadcast. When read-

ing your literature on the 30 tube PHILHARMONIC, my thoughts were that if the set did half as much as you claimed, it certainly would be a wonder. But you can imagine my amazement, after playing it, when I found you greatly understated, for its capabilities in every respect are twice as great as you state in your advertising."

H. A. Hargrave, Burlingame, Calif.

The Scott Philharmonic Is Most Beautiful Piece of Workman- ship I Have Ever Seen Outside a Fine Chronometer

"The SCOTT PHILHARMONIC is the most beautiful piece of workmanship I have ever seen outside a fine chronometer, or precision watch, and I do know mechanics. I served 5 years' ap-

prenticeship as a chronometer maker and worked 12 years at the trade. When Dr. Flowers was here the other day looking at my receiver he said, 'Pardon me for asking a personal question, but how much does such a receiver cost, about \$1,000 I should say?' And I agree with him, it looks like it would cost that much, and it's as good as it looks."

Thomas Van Auken, Livingston, Texas

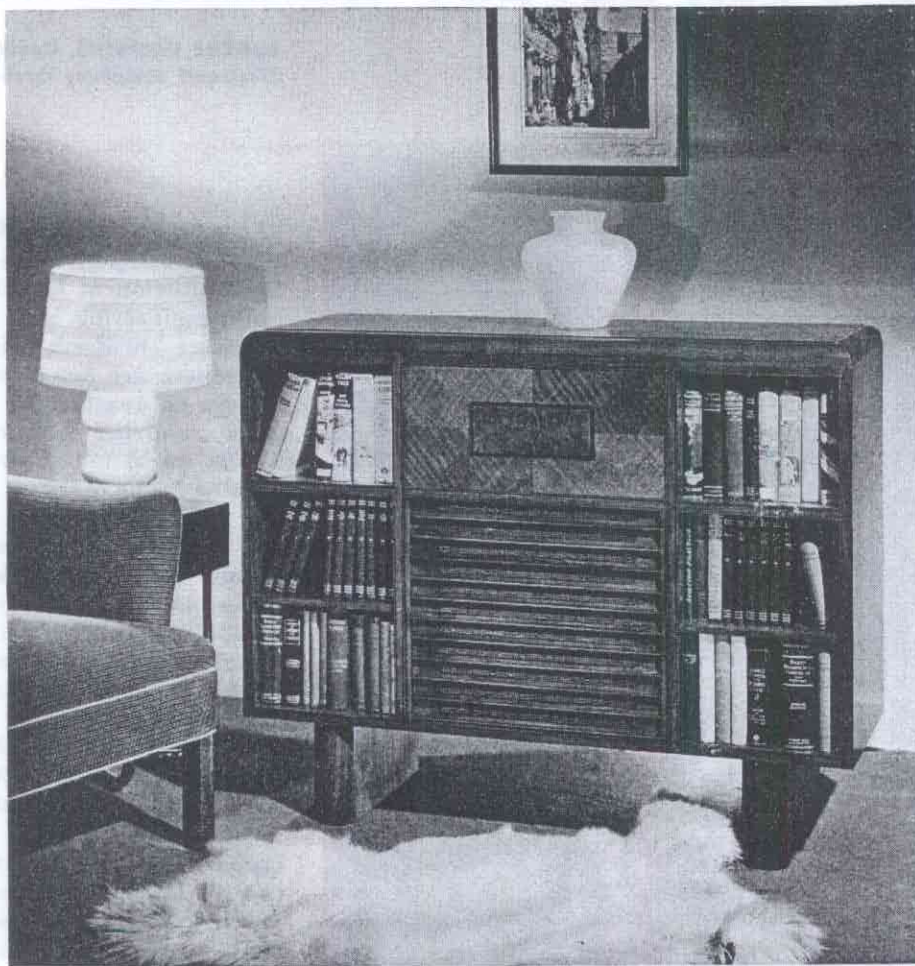
Most Amazing Demonstration I Ever Heard

"Anyone would have a hard time taking my SCOTT SIXTEEN away from me. The other evening we had some friends over and when I suggested that we turn the radio on for a minute before going in to dinner, they were not very much enthused. In fact, one said he would rather talk. However, I said I would just like to have them see what a good radio could do, and showed them the effects of both the bass and treble controls by tuning in an orchestra. Were they surprised! The man who remarked that he would rather talk said to later, 'That was the most amazing demonstration I ever saw or heard!'"

Earl F. Otterstein, Minneapolis, Minn.

Australia Comes in With Remark- able Clearness and Quality on the Philharmonic

"I am tremendously pleased with the results I have obtained on the PHILHARMONIC. I live in quite a noisy location, yet the short wave reception from stations all over the world has been consistently enjoyable. Each Sunday afternoon I have been listening to the program from Ireland. The other morning, Perth, Australia, came in with remarkable clearness and quality. A few nights ago the reception from Johannesburg, South Africa, was better than many good radios get here from Chicago. Time and time again, we have listened to Japan near dinner time. I have heard so many stations from Europe (Poland, Russia, Italy, etc.) and from South and Central America, that it would be tedious to enumerate them. I like the ability of the set to repeat day after day the reception from various foreign stations; the fine quality reception; the freedom from drift; the tremendous reserve power; the appar-



The WESTWOOD • Beautifully figured Walnut • Satinwood facing on book compartments • Specially designed for the High Fidelity SCOTT SIXTEEN.

ently unlimited quantity of stations to choose from, etc."

M. S. Dunn, Drexel Hill, Penna.

Reproduction of Piano a Delight

"I have had my SCOTT SIXTEEN for about two months now, and am very delighted with it. It has the most perfect reproduction of tone that I have ever heard. I am particularly fond of piano numbers, and it is indeed a delight to hear them on your machine."

S. E. Mella, Kansas City, Mo.

Superior Design and Workmanship Obvious

"My SCOTT SIXTEEN has definitely enhanced my appreciation of radio. The tone is life-like, especially when the receiver is operated at low volume, a feature highly desired by those of us who live in apartment buildings. Our building management will not consent to an antenna on the roof of the building, so 40 feet of wire under the rug must suffice, and does. Broadcast stations are received with very little interference from all parts of the United States, Canada, Mexico and Cuba. Short wave reception from London, Paris, Berlin and South American stations is consistently good. In particular, it is possible for me to listen to the news broadcast from London and not miss a word. I have been able to do this nearly every evening. In brief, the performance of my SCOTT SIXTEEN has been brilliant. The superior design and workmanship is obvious—'quality' is apparent throughout. When I purchased a SCOTT I expected much—and received more."

G. E. Dahlby, Oak Park, Illinois

Amazed at Such Clear Tone

"I received my SCOTT last Friday in perfect condition. When I unpacked it from its cushion cartons, my wife and I just marveled at the finest piece of mechanism we have ever seen. The cabinet is very beautiful. I installed receiver, speaker and amplifier in the cabinet myself, connected the ground wire and antenna to receiver, turned the switch, and we just looked at each other with amazement when we heard such clear tone. It is as near perfection as is humanly possible. This SCOTT SIXTEEN receiver is a present to my wife on our Twenty-Fifth Wedding Anniversary, which we celebrate Friday. Our sincere wishes to you and your entire staff of workers in perfecting so beautiful an instrument, so complete in every detail, so perfect in workmanship and of such excellent material."

E. B. Smith, Taunton, Mass.

In Every Sense, Rolls Royce of Radio

"The radio more than justifies my hopes. I receive stations which I formerly was unable to receive before on any radio I have had in the past. The general run of short wave stations I receive is so much finer, that comparison is futile. The SCOTT is in every sense the Rolls Royce of radio. Frankly, I think you are a genius in your line, and to possess a radio of your making is something to be cherished. Friends of ours are amazed at the purity and fineness of tone, as well as its distance ability."

H. W. Carlson, San Francisco, Calif.

Clarity of Foreign Reception Surprises Friend

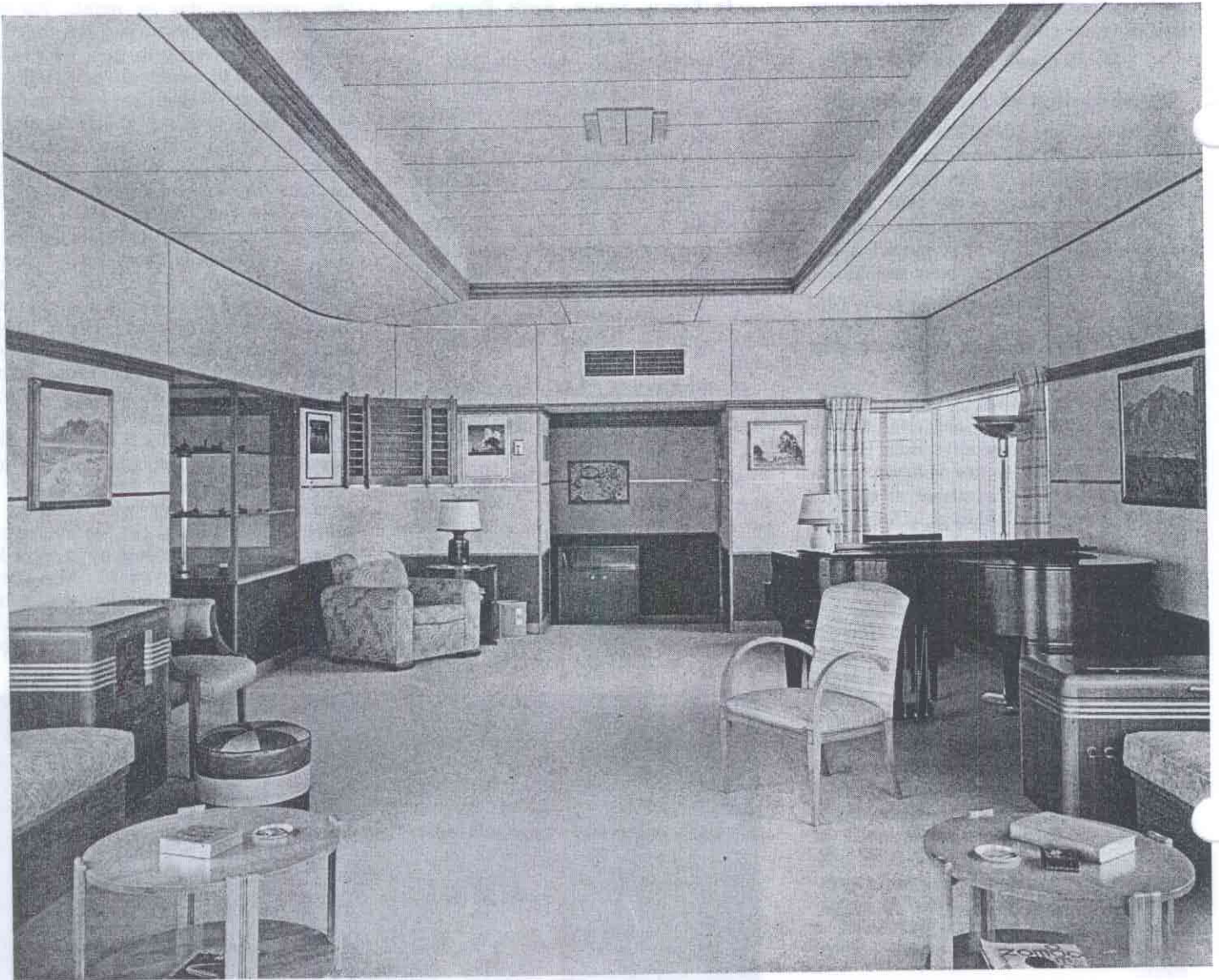
"Pardon my delay in writing to tell you how satisfactory my SCOTT has proved. I am listening to it at present so have the evidence at hand. The tone is perfect, and can be readily adjusted to each program or the listener's requirements. I have no difficulty in cutting out our local stations sharply and bringing in stations from all parts of

this continent, day or night. No one who has listened to the set has failed to admit its superiority to their own radio. This applies to owners of new radios of other expensive models. I am particularly pleased with my ability to deepen the bass, which I like, and at the same time, with the high fidelity control, accentuate the high notes, for I did not believe this could be done in a radio in spite of your claims. I was not particularly interested in short wave when I ordered the set, and it is still secondary in importance to me, but I must comment on it. With no experience and little effort, I have brought in stations from all the principal countries, including Russia and Japan. Reception from England and Germany is at times as good as local reception. A friend called recently who insisted that short wave reception was a stunt and could not be received on any set with quality. I tuned in London and got the Sports and News broadcast, followed by a recorded piano solo by Paderewski. My friend admitted that the reception was better than he receives on his radio from WGY at Schenectady, only 14 miles from here.

(Continued on Page 6)



The BEVERLY • Finely figured Oriental Walnut fronts and sides with Satinwood fluted corners and base. • Specially designed for the High Fidelity SCOTT SIXTEEN.



View Showing Music Room of Mrs. Max McGraw, Sierra Madre, California

HOW TO DESIGN THE PERFECT MUSIC ROOM

On these pages, the music lover who is fortunate enough at this time to be planning a new home, or has a room that can be remodeled, will find photographs which show a room that is not only one of the most nearly perfect music or living rooms it has ever been my privilege to inspect, but also one of the most beautiful.

The room is one in the home of Mrs. Max McGraw, of Sierra Madre, California, and was laid out according to the ideas of the owner's son, R. F. McGraw, who is himself an accomplished musician, by Barcum and King, Architects, Los Angeles.

After designing his music room Mr. McGraw spent some considerable time investigating and listening to a great

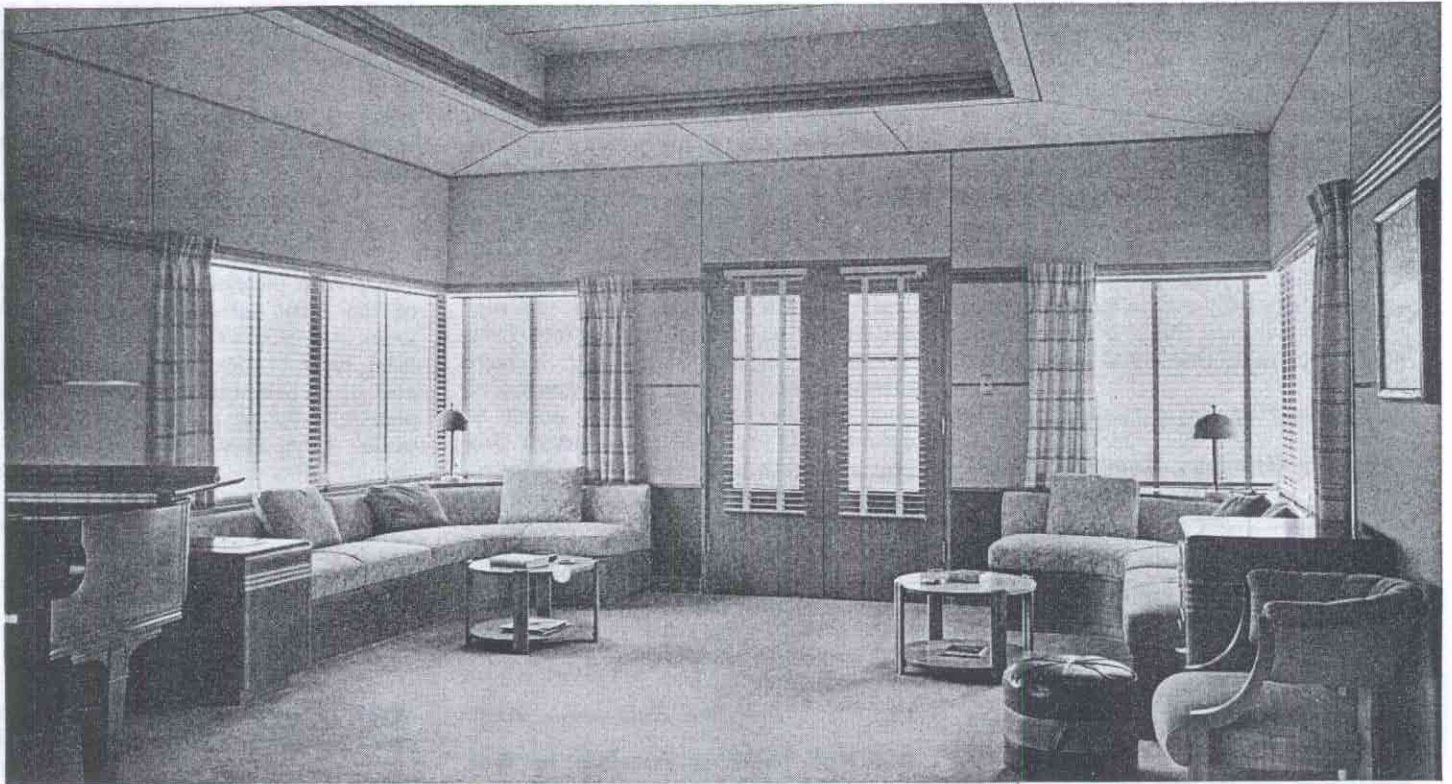
many radio receivers, and the fact that a Scott High Fidelity receiver was finally chosen speaks for itself.

There are thousands of people today who still do not believe that reproduction from a mechanical instrument can even approach the performance, for example, of a symphony orchestra in a concert hall. There is nothing at the moment I can think of that would give me greater pleasure, than to take one of these doubtful persons to the McGraw home, and sit beside him as a symphony is played either from one of the newer high fidelity records, or a broadcast over the air, then watch the amazed and astonished expression as the music floods the room, then his enthusiasm as

realization came that at last such perfection had been accomplished.

There are many factors to be considered in building a room that will be ideal for the reproduction of music or voice. The texture and surface of the walls, ceiling, and floor, must provide just the right degree of absorption or damping to prevent "echo" and to break up the standing waves. One must be careful the damping is not carried too far, or it will absorb the higher frequencies or overtones which give the music life and realism, making the reproduction sound flat and lifeless.

In Mr. McGraw's room the damping is accomplished by using celotex for upper part of the wall and ceiling, completely carpeting the floor, and provid-



Listening End of Room in Which Is Installed The Scott Receiver and Phono Equipment

ing upholstered window seats and drapes at the sides of each window.

The celotex is of a fairly smooth texture, and held in place by chromium strips. The carpeting, covering of window seats and chairs, and the drapes provide the necessary damping to break up the standing waves. *It is necessary, however, that a certain proportion of the surfaces in the room be hard to prevent the room from becoming too "dead."* Mr. McGraw has secured the necessary "life" in his room by breaking up the surfaces of the walls with windows on all four sides, and with additional glass surface in the ship model cabinet which will be noticed near the speaker. In addition to these glass surfaces, the room trim around the wall, about 2 feet from the floor, the consoles

for the Scott receiver and record changer, and piano, are all built of Philippine Mahogany, and provide just enough hard surfaces in the room to balance the softer celotex walls, ceiling, floor rug, and drapes.

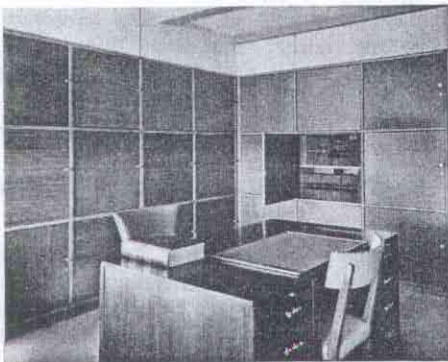
The room is 18 feet wide by 28 feet long. The speaker is located in a corner of the room in a decorative grille, and is mounted on a baffle which is located in a clothes closet that is easily accessible from the rear. If you look closely you will notice that the corner in which the speaker grille is located is rounded, not square. This rounded corner installation provides the most perfect possible sound distribution of the higher frequencies or overtones to all parts of the room.

The ideal place in any room to listen is *always at the opposite end of the room from where the speaker is located*, for when one is too close to the speaker, you do not get the true tone for the higher frequencies are out of balance with the lower frequencies. This fact was recognized in the design of the room, and at the opposite end to the speaker will be noticed two long seats built in by the windows, the ideal place for most enjoyable listening.

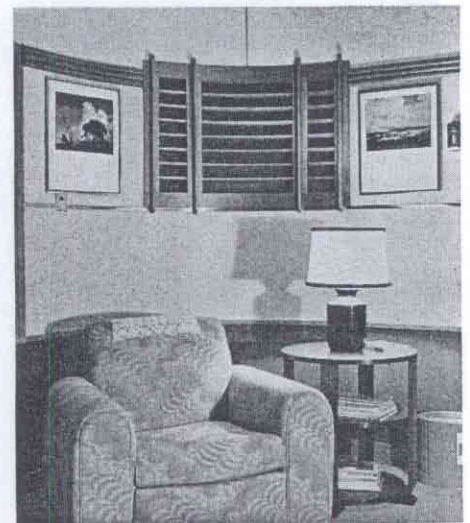
Mr. McGraw's Scott Receiver is housed in an especially built console at the end of one window seat, while the phonograph equipment is in a companion console on the opposite side of the room at the end of the other window

seat. Several thousand records are filed according to composers in 21 built-in cupboards in the study which is adjacent to the music room.

The final touch of perfection to listening enjoyment at all periods of the year, is added by an air conditioning system which keeps the room temperature and humidity constant at all times of the year, heating it during the very few "most unusual" cool days and nights the native Californians will admit they occasionally have, and cooling it when the temperature is a little high.



The Study and Record Storage Cabinets



The Speakers Located in Rounded Corner of Room

Of course, reception is not always that good, but it frequently is. The other afternoon my wife received a German broadcast as clearly as if it was being rebroadcast from a nearby station. I enjoy tuning the B. C. and D. bands when there is no interesting programs on the A. band. My son now refuses to retire before 8:00 P.M., so that he can hear Big Ben, which he calls 'the clock.' I am satisfied your claims for this instrument are fully supported by its performance. I can think of no feature about your radio that could be improved upon."

Daniel E. Conway, Troy, New York

Tone Is Glorious, Beautiful, Rich and Natural

"The SCOTT SIXTEEN arrived yesterday and everything was in fine shape. By following your instructions we got the receiver assembled and ready to plug in shortly after 3:00 P.M. We first tuned in the 'locals' to test the tone quality, and while expecting it to be good, the performance was so much superior to any other radio set I've ever listened to before, that words fail me to adequately express myself. Suffice to say, it was glorious, beautiful, rich and

natural, without even the slightest trace of hum or other objectional sounds often heard in the production type models. Remembering your statement some time ago about the comparative reception results between a rebroadcast and reception direct by short wave from Germany, that not one person out of a hundred could tell the difference when you tuned out the local (Chicago) stations and switched direct to Berlin, I had a chance yesterday to try this myself with the Christmas Greetings from England. Frankly speaking, I have always been doubtful about getting as good results via short wave direct as against the rebroadcast through big powerful networks. However, I am certainly pleased to say that King George's message came in every bit as clear, strong, steady and understandable from London direct, as it came in by way of WKLO, CJHR and W3XAL. I am more pleased with this purchase than with any other single thing I ever purchased before."

J. Peters, Kalamazoo, Mich.

Did Not Think It Possible to Get Such Tone From Records

"The SCOTT SIXTEEN has come up

to my fondest expectations, and with the new electrically produced records, the phonograph part of the combination is all that can be desired. I did not think it was possible to get the tone from records that the SCOTT produces."

R. F. Townley, Kansas City, Mo.

Hears Perfectly Now

"It is with pleasure that I write to you of the great satisfaction I am getting from my SCOTT SIXTEEN. I have been hard of hearing for many years, and when listening to a program it was necessary for me to sit up close to the radio. Even then I did not hear as I should. Now I can sit across the room in a relaxed position and hear every word, all due to this wonderful radio you have perfected."

H. J. Olsen, Chicago, Illinois

Range Expander Effect Marvelous

"Frankly, one feels somewhat overwhelmed before such an instrument. My particular test for the PHILHARMONIC was a record of 'Paeon' by Harwood, played on the Liverpool Cathedral Organ by Harry Goss-Custard. I remember Mr. Goss-Custard telling me several years ago that none of the recordings of his organ were any good because of the great power of the instrument—it has a 64-foot diapason. On the other hand, I remember reading that the modern electrical recordings are photographically accurate, but that the weak point was the phonograph in not being able to bring out the entire sound picture. Here is a record which on every other instrument was blurred and indefinite, now reproducing in perfect clearness so that one could easily catch the various voices of this great organ. With the Range Expander the effect was truly marvelous, and yet it is not a new record. Of course, the radio itself is excellent—despite this poor location—it is easy to bring in foreign stations during the day. I have far from mastered all the fine points of this new personality in my home; but then this is as it should be, for thus the value of the instrument grows as the days go by."

G. F. Ketcham, Hampton, Va.

Reproduction of Music and Voice a Revelation

"Someone has said that 'Life is a series of monotonous events, relieved occasionally by the unusual.' Certainly, if this be true, the SCOTT SIXTEEN is one of those rare things that cause the unusual and bring to the owner a real pride of ownership. The true reproduc-



The BRENTWOOD • Beautifully figured American Walnut with Satinwood base. • Specially designed for the High Fidelity SCOTT SIXTEEN.

tion of music and voice is a revelation to those who would have the finest of musical instruments. Truly, it is hard to believe that one man can produce a radio so far superior to all others in all respects. This letter is written as a token of appreciation for the enjoyment your SIXTEEN is giving us, as well as its mechanical beauty and precision. Most certainly your SIXTEEN takes its place among those things of beauty which are a joy forever."

F. E. Irwin, San Francisco, Calif.

London on Wire 26 Inches Long

"The SCOTT is really the finest constructed set I have ever set eyes on. I tried your trick with the small piece of wire (26 inches long) and believe it or not, I tuned in the Service in St. Paul's Cathedral, London (Sunday, the 10th of October), and it came in swell. The tone is perfect."

A. Struthers, New Haven, Conn.

Convinced All Radios Not Alike

"To say I am pleased and satisfied would be putting it mildly. For the past four years I have been receiving literature from you about the Scott receivers, so naturally, I had formed some opinion as to what to expect from my SCOTT SIXTEEN. Frankly, Mr. Scott, I am somewhat skeptical and quite critical about all radios, but the past few weeks have convinced me that ALL radios are not alike. Boy, what a whale of a difference a few dollars make. It is far-and-away beyond anything I had hoped for. Here is a radio that really works. It can look you straight in the eye, for it has no apologies or excuses to offer. Tone, Selectivity, Undistorted volume, etc. Simply marvelous! Believe me, Mr. Scott, when you turn the volume on this 'Sky Comber' it does not distort and splatter all over the place, but just gets louder, as it should be. Every control responds beautifully and does exactly what it is supposed to do. Although I am not a DX or short wave fan, I have tuned all the good European and South American stations with plenty of volume."

G. S. Levers, Milton, Penna.

Enjoys Tone at Low Volume

"To me, the biggest advantage of the SCOTT over other sets is the fact that you can control the tone to satisfy your own ears. Most sets you have to put up with an awful lot of bass notes in order to understand the voice. With my SCOTT I can set the tone to suit my ear, and both music and voice come in perfectly clear. We enjoy having the set turned down low, and can hear every-

thing perfectly clear without having to change the controls or turn up the volume, whereas, with our old set, we had to get up every time and tune up the volume when we wanted to catch an announcement or hear a news report. To me, this one feature is worth the price of two SCOTT'S."

G. Spencer, Duluth, Minn.

Has Tuned Short Waves 16 Years —Scott Best of All

"I have had my receiver now for about 30 days and I am very much pleased with it, and the Acousticraft console. I am a short wave fan, and have been tuning short waves for about 16 years with all kinds of receivers. The SCOTT SIXTEEN is the best of them all, and the most wonderful tone. Although I am located in a noisy location, I get very good reception. I also want to take this opportunity to thank you for your outstanding service."

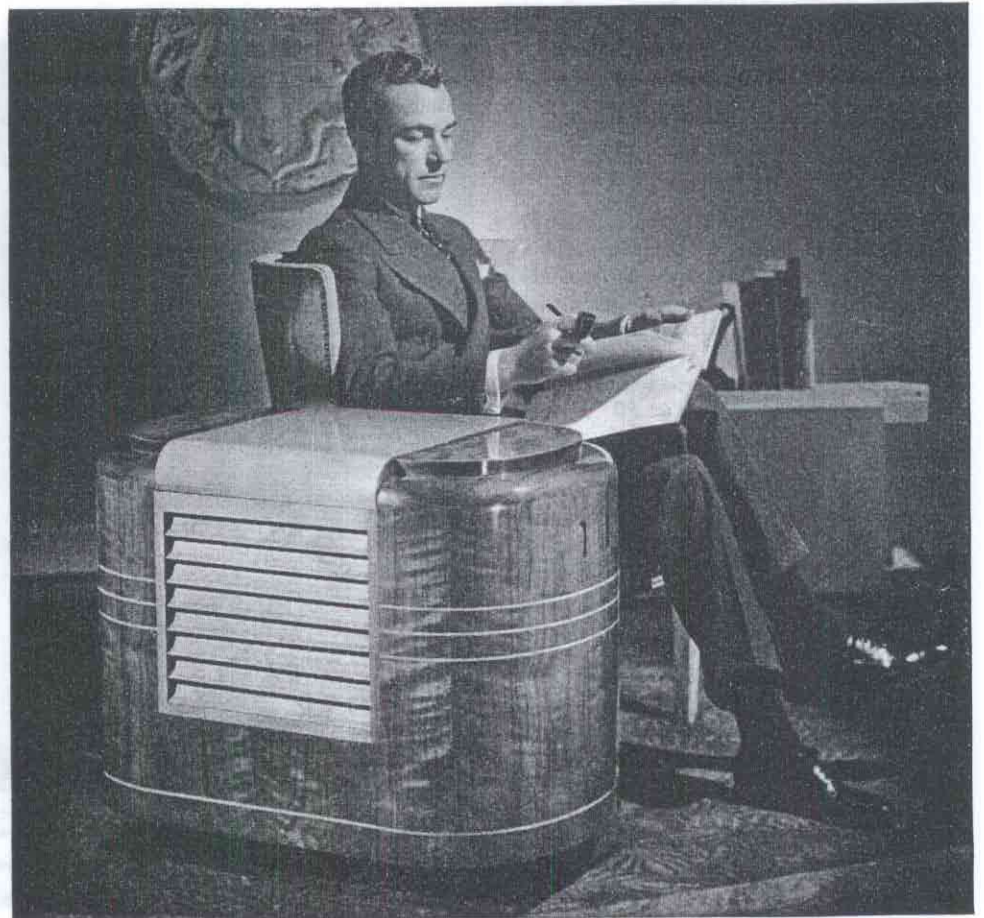
C. L. Burns, Selma, Ala.

Beauty, Power, and Tonal Quality Unexcelled

"I have been a lover of radio since the days of the crystal sets with earphones,

and have owned several high priced standard receivers, but the PHILHARMONIC is everything one could wish for in a receiver—it has beauty, power and tonal quality unexcelled. From the order blank I filled out, you are well aware that I am in a neighborhood with almost every conceivable appliance which causes electrical interference or man made static, but since I have had the PHILHARMONIC I have had little or no trouble at all in tuning the short wave bands. I have tuned in HAT-4 Budapest; EAR, Madrid; PCJ, Holland; 2RO, Rome; JZJ and JZK, Tokio; LRK, Buenos Aires; JJW3, Haiti; several Daventry and Berlin stations; OLE4A, Prague, Czechoslovakia; so many South and Central American stations they are too numerous to mention, and almost every night I have tuned in Klipheval, South Africa, relaying the programs of 9ZTJ, Johannesburg, South Africa, on 9.602 megs. This station is on the air every night except Saturday from 10:45 to 11:45 P.M., C.S.T. On the broadcast band there is hardly any difference between the distant out of town stations and the locals."

Chas. A. Marion, New Orleans, La.



The BRAESIDE • Selected figured Walnut with Maple top and speaker louvres. • Specially designed for the High Fidelity SCOTT SIXTEEN.

The Scott News

Published Frequently at Chicago by
E. H. SCOTT RADIO LABORATORIES
4450 Ravenswood Avenue
Chicago

E. H. SCOTT, Editor

Why Scott Receivers Excel in Efficiency and Performance

I have been asked many times during the past few years why a Scott receiver is so much better both in performance and construction than the production-type receiver. The answer is a very simple one. The great majority of the production type receivers are designed to sell for a certain price, and not to reach the highest possible standard of efficiency or performance. The design engineers probably know how to attain greater efficiency if they were allowed to design a receiver without the price limitation stipulated.

When designing a Scott receiver I am interested in only one thing—maximum performance and efficiency, and a set constructed and built from such high quality parts it will give its owner many years of service.

When the design is completed, I compute my costs, figure a modest profit, and these two added together give me the

The SCOTT SIXTEEN is a super-efficient receiver of 16 tubes and is designed for those who do not desire the greater power, extended wavelength range, Program Volume Range Expansion, or Phonograph Needle-Scratch Suppression features incorporated in the 30 TUBE SCOTT PHILHARMONIC. It is built with the same precision as a fine watch exactly the same as the larger model, and we believe there is no other receiver in the world, excepting only the 30 TUBE SCOTT PHILHARMONIC, that provides the same thrilling High Fidelity reproduction, or is capable of bringing in distant stations with the clearness and volume—on either the broadcast band or short waves—as the SCOTT SIXTEEN. It is the ideal receiver for the small home or apartment.

selling price. As all Scott receivers are sold direct to the purchaser, the price does not have added to it the further retailer's profit that must be added to all radios sold thru retail stores. Actually, if Scott receivers were sold in retail stores the price would be nearly double the price I am able to sell it to you direct. This means that when you buy a Scott you are buying it at what would normally be a wholesale price.

You have probably received many issues of the "Scott News" showing the laboratory curves of its performance; pictures showing how it is constructed, and a description of the kind of performance I believe you will get with it.

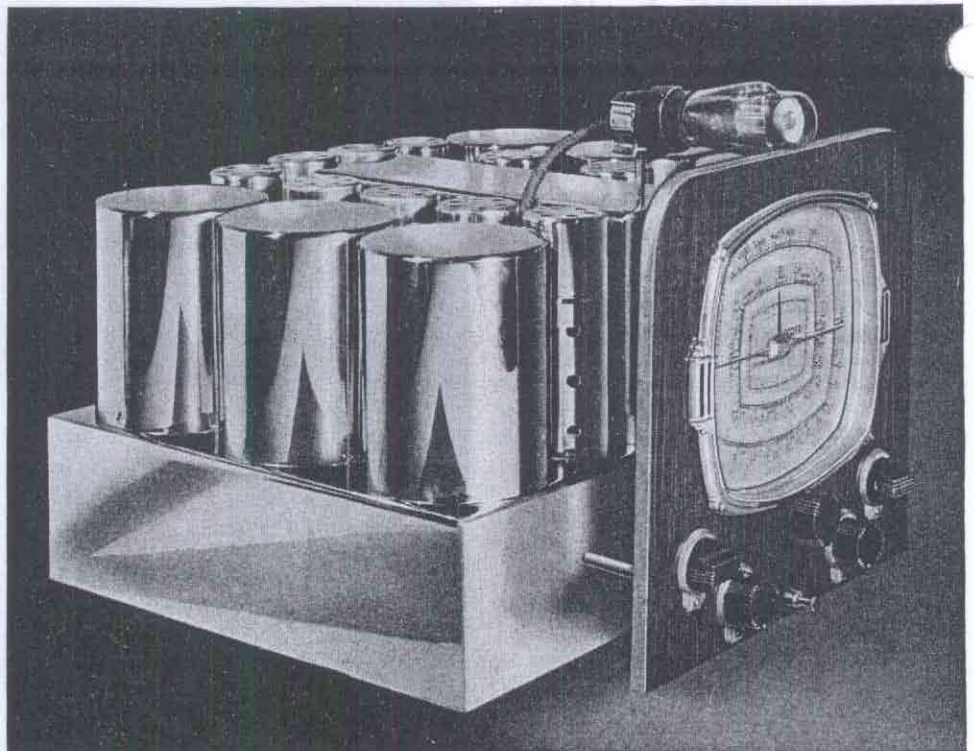
It is possible many may think some of the claims I make for a Scott receiver are somewhat exaggerated. For this reason, in this issue of the "News," I have reproduced just a few of the many hundreds of letters I have received during the past few months from enthusiastic owners of the SCOTT PHILHARMONIC and SCOTT SIXTEEN. These letters will give you unbiased, impartial reports on the kind of performance these owners are securing with their receivers.

If there is no letter reproduced from

an owner in your part of the country, write and I will be very happy to send you the name and address of a Scott owner near you whom I feel sure will be glad to tell you just what kind of reception you may expect in your locality.

There are hundreds who do not care for the conventional type of console and for these I have had designed the Westwood which combines a bookcase with concealed radio installation. The Brentwood and Braeside armchair models represent the result of many months of experimenting to produce a compact armchair model with a tone chamber that would give reproduction comparable to our larger console cabinets.

If you live in the vicinity of the Laboratory here in Chicago, or the Studios in New York or Los Angeles, it will be a pleasure to have you call at the Studios, and give you an actual demonstration and show you the tremendous difference there is between a custom built SCOTT and any other radio receiver available today.



Chassis of the Precision-Built Scott Sixteen

THE E. H. SCOTT RADIO LABORATORIES, INC

4450 Ravenswood Avenue, Chicago, Illinois

630 Fifth Avenue, New York City

115 N. Robertson Boulevard, Los Angeles