RADIO TUBE LIFE TO BE INCREASED

New Rejuvenator Claims to Cut Cost of Replacement Now Too High

It is a positively foregone conclusion that all who enjoy radio will soon appreciate that the most important factor in securing good radio reception is the ability to keep the radio tubes fully rejuvenated at all times.

The quality of radio as well as the volume produced depends upon the condition of the vacuum tubes.

Up to this time one of the heaviest items of expense for the radioist was that of tube replacements.

The radio expert has for some time been familiar with the comparatively simple process by which tubes of the thoriated variety are reactivated. There is no mystery beyond the understanding of the layman in this process, and certainly it is something in which he is very much interested—for it is by this process that he can be assured of getting the most from his radio in point of service and dependability, to say nothing at all of quality. Then, too, it must be remembered that a tube which is not performing up to normal demands more filament current. This causes an unnecessary drain on the A battery, and if as is usually the case, other tubes are on the same rheosat with the depleted tube, they are also soon rendered practically useless because of the increased filament voltage which has been applied to make the "weak sister" perform.

The dropping off of the efficiency of a radio tube is not necessarily sudden—in fact, every time a radio tube is used it performs less efficiency than the time before. From the first instant of use it undergoes a gradual and positive change until finally it reaches that point where it calls notice to itself by its inability to amplify properly. Under certain conditions this falling off is abrupt and rapid, but in the main it is so gradual as to be scarcely noticed. As a result the set owner will usually waste a lot of time and patience—perhaps in the end condemning the set before he locates the trouble and buys a new tube.

A large majority of such tubes can be made as good as new again in a few minutes' time. By the simple process of tube rejuvenation they may be reactivated repeatedly so as to make their total effective life eight to twenty times their original life.

How It Is Done

The radio tube becomes weak and inefficient as its filaments becomes contaminated with certain gases which are contained in the tube. These gases fill the microscopic pores of the filament and prevent proper action of the tube by not allowing the exchange of ions between filament and grid. It is obvious then that if these gases can be driven off, the proper tube action can be restored. The seemingly difficult task can be performedin less than eleven minutes with the proper equipment. The thorium, which is used in approximately 90 per cent of all tubes, serves the purpose of making these tubes able to withstand a considerable range of filament voltage, thus making them splendid subjects for radio tube rejuvenation.

Some have stated that it is the exhaustion of the thorium which determines the life of the tube. This can scarcely be true in view of the fact that many tubes which do not have thoriated filaments may be rejuvenated providing they can be kept from burning out. By the use of a simple and inexpensive electrical device, the Jefferson Tube Rejuvenator, it is found that by burning the filament for a very short time at a relatively high temperature, followed by a lower temperature for a longer period, the filament discharges gases which have filled its pores and is then ready to continue to function as a tube should—thus, the amplifying ability or power of a seemingly exhausted tube is restored to its original strength.

Some tubes have been successfully treated as many as seventy-five or eighty times.

This rejuvenator, which was on display at the National Radio Exposition, American Exposition Palace, Chicago, Sept. 28 to Oct. 3, inclusively, takes the guess work out of tube rejuvenation. It is noteworthy to observe that this instrument has been designed exclusively for home use and that it sells at a price well within the range of the average radioist.

Knowing theat radio tubes do deteriorate, experience has proven that the best possible plan is to rejuvenate them at fairly regular intervals, say about once a month. This will insure reliable results at all times and will give the user of the set many months of extra service from his tubes. The set owner need not necessarily concern himself when his tubes need rejuvenating and he can recharge his tubes very much on the same principle as he now recharges his batteries, the main thing being to do it at regular intervals.

The average radioist is more interested in results from a standpoint of reception than he is in technical data or instrument readings of his tubes. For this reason the instrument just referred to has been made as simple as possible, eliminating all frills and nonessentials.

A rejuvenator is just as important a part of the radio equipment as the battery charger. The one mentioned is made by a company which has been in the business of manufacturing transformers for nearly a quarter of a century.

RADIO AMATEURS TALK WITH EUROPE

Foreign Countries Picked Up With Surprising Regularity

MINNEAPOLIS, Minn.—A good illustration of the startling regularity with which American transmitting radio amateurs carry on communication with all corners of the world, is furnished in the recent activities of Don C. Wallace, owner and operator of station 9ZT of this city. Wallace, who is Dakota division manager of the American Radio Relay league, succeeded in working five European countries within a week, during which time one English station, G6TM, was in communication with 9ZT every morning. In fact, the Anglo-American contact endured for nine successive mornings.

The break in this last record—the tenth day—came when 9ZT successfully established communication with the Swedish motor ship San Francisco, station SGC, in mid-ocean between Brazil and Sweden: French amateur station 8DK and Danish station 7EC, owned and operated by Eric Cohrt of Copenhagen.

These three contacts were established in court of an hour, during which conversations with the French amateur consumed twenty-five minutes. The rest of the time was divided between the other two stations, and the approaching dawn caused fading of signals from the English station and a resulting breaking in the string of successive mornings during which messages and news had been exchanged.

Radio amateurs point out that this type of communication is now as reliable as was the prewar radio work. Barring an occasional break like the one above noted, transmitting radio amateurs throughout the world are maintaining comparatively steady schedules of communication.

PURDY IS APPOINTED

WASHINGTON, Dec. 18. — (AP.)—Warren Purdy, district director for the fleet corporation at Boston, was today appointed director of European affairs for the corporation with headquarters in London.

Portland — Northwestern Electric Co. sells electric cooking facilities to 700 homes this year.

Crosley Radio News Service. Cintl

Remote Radio Control

Petronella Thimbur, organist, is interested in the mechanics of the control panel in the Crosley WLW broadcasting studio. Lines from the churches, hotels and theaters, as well as the studio, pass through this amplifying panel which controls the moducation. From the panel the lines go to the point of transmission, about 25 miles away, near Harrison, Ohio, where the super-power equipment is located.

CHURCHES

FIRST PRESBYTERIAN CHURCH

Church street between Chemeketa and Center streets. Norman Kendall Tully, D. D., pastor. 9:30 a. m. Sunday school. 10:45 a. m. morning worship. Sermon, "When Will Christmas Come?" by Dr. Tully. Special Music: Anthem, "Christmas Morn", Warren; soprano solo, "Birth of the King," Coombs, by Louise Benson Robertson; Anthem, "O Little Town of Bethlehem," Scott. Organ Numbers: "Chorus Magnus," Dubois; and "Christmas March," Merkel. 5:00 p. M., Christmas Vesper Musicale by our choir, assisted by a large chorus. See complete program elsewhere in this paper. 6:30 p. m., Young People's societies. Monday, 7:00 p. m., annual Christmas program of the Sunday school. All members of the Sunday school are urged to be present and a warm invitation extended to all members of the church and congregation.

FIRST METHODIST EPISCOPAL

Corner of State and Church Sts. Pastor Fred C. Taylor, residence 636 State St., phone 974. Director of Religious Education, Miss Mary E. Findley, office 126 S. Church St. Phone 872. Services 11 a. m., 7:30 p. m. Sermon topics: "Receiving God's Gift," a. m.; Pageant: "Followers of the Star," p. m. Special Christmas Music in all the services of the day. Junior church service at 11 o'clock in the Annex. Sermon, "In the Midst." Wesley class meeting, leader, S. A. Wheelwright. Sunday school 9:45, superintendent, H. F. Shanks. Young people's meetings: All three chapters of the Epworth League will unite in the church parlors for a Christmas carol service. Leader, Miss Louise Findley. The Christmas Pageant given at 7:30, entitled "Followers of the Star," promises to be worthy of a crowded house. The Junior Church Choir, under the direction of Mrs. Don W. Riddle, is to be in charge of a large share of the service. Several Christmas parties are scheduled for next week. The Cradle Roll department, under the leadership of Mrs. Shanks, will hold its annual Christmas party in the church Tuesday afternoon; the Junior and Intermediate groups Wednesday night and the high school young people Tuesday evening. Devotional service Thursday, Christmas evening at 7:30. Pastor's message will be "The Christmas Story."

FIRST CHRISTIAN CHURCH

Corner Center and High Sts. Pastor J. J. Evans, residence 544 Center, phone 1972. Assistant pastor, Vivian G. Whisler, residence, residence 544 Center, phone 1972. Services 11 a. m., 7:30 p. m. Christmas music at the morning hour. Shelley's "Hark, Hark My Soul," will be sung by a quartette, Gertrude Cherrington, Inez Wood, Howard Leach and John Moritz with obligato parts sung by Trista Powers and Vivian Whisler. (Below.) Sunday school, 9:45, superintendent, Dr. Epley. Christmas program at closing part of Bible school hour. Young People's meetings: 6:30 topic, "Christmas, the Time of Joy". Other events—A Christmas Pageant "The Message of the Star," will be given at the evening hour. This pageant portrays the beautiful story of the Shepherds, the Star and the Christ Child.

CENTER ST. METHODIST

Thirteenth and Center Sts. Pastor A. F. Hilmer, residence 684 N. Winter, phone 650 M. Services 11, Sermon topic, "Jesus." Sunday school 10 a. m., superintendent H. H. Grallap. Young People's meetings. None this Sunday evening. Christmas Sunday school program on Sunday evening, Dec. 27th. The offering at this time will be for missionary cause. On Christmas day at 10:30, preaching service in German.

REFORMED

BETHANY—Corner Capitol and Marion, M. Denny pastor, residence 966 Marion St., phone 445W. Services 11 a. m., in German. On Christmas day there will be a German service at 10:30 a. m. Sunday school 10 a. m., Fred E. Kruse, superintendent.

FRIENDS

SOUTH SALEM—Corner of Commercial and Washington Sts., Carl F. and Minnie Miller, pastors, residence 1655 S. Liberty St., phone 1338R. Services 11 a. m., and 7:30 p. m. Sermon topics: "The Group at the Manger and Evangelistic Message. Sunday school 10 a. m., B. J. Patton, superintendent. Young peoples' meeting 6:30 p. m., topic, "Christmas Joy," leader, Donald Patton. Prayer meeting Thursday 7:30 p. m. What shall I send unto the Lord for all his benefits toward me

HIGHLAND—Highland at Church, Edgar C. Sims, pastor, residence: 2445 Maple Ave. Services 11 a. m., and 7:30 p. m. Sunday school 10 a. m., Walter Stanton, superintendent. C. E. 6:30 p. m. Bible prophecy, Monday 7:30 p. m. Prayer meeting Thursday, 7:30 p. m. Special meetings to begin in one week, Lindley A. Wells, of Seattle, evangelist.

FREE METHODIST

MARKET STREET—Corner of N. Winter and Market Sts., Mortimer C. Clarke, pastor, residence: 1128 N. Winter, phone 1556W. Services 11 a. m., and 7:30 p. m. Sermon topics: "The Star Out of Jacob," "When Angels Rejoiced." There will be special music all day at both services. Sunday school 9:45 a. m., Dr. F. S. Schutz, superintendent. Young people's meeting 6:30 p. m., preceded by a half-hour of prayer topic, "I Am Man," Luther D. Cook, leader. Cottage prayer meeting each Wednesday at 2 o'clock at the home of Mrs. Caroline Jackson, 1463 N. Winter street. Thursday evening at 7:30 the children and young people of the church and Sunday School will give a Christmas program, to which all are invited. Next Sunday will be observed as Christmas Sunday. There will be special singing and the pastor's messages both morning and evening will be Christmas messages. All are invited to these services and you will enjoy the splendid spiritual atmosphere of this church on the corner.

EVANGELICAL

FIRST—Liberty and Center, C. C. Poling, pastor, residence: 435 Center, phone 991J. Services 11 a. m., and 7:30 p. m. Sermon topics: "Christ, Virgin Born," and "The Holy Spirit." Sunday school 9:45 a. m., J. F. Ulrich, superintendent. Young peoples' meeting 6:30, subject: "Why Is Christmas a Time of Joy?" Matt. 1:18-23 and 2 Cor. 9-15, Margaret Ulrich, leader. Thursday evening Christmas entertainment. Annual business was held and the following officers were elected for 1926: Class leaders, G. R. Stover, and O. T. Doty; assistant leaders, Mrs. Geo. Sieforth and G. N. Thompson; trustees for 3 years, Arthur Rex and S. P. McCrackin. Sunday school officers: superintendent, L. L. Thornton; assistant, J. F. Ulrich; secretary, Mrs. R. Seager; assistant secretary, W. I. Wikof; treasurer, Mrs. J. F. Ulrich; chorister, Mrs. Sieforth; pianist, Margaret Ulrich. Other officers appointed by Sunday school board.

CHRISTIAN SCIENCE

Corner of Liberty and Chemeketa Sts. Sunday morning services at 11 o'clock. Sunday evening at 8. Subject of lesson sermon, "Is the Universe, Including Man, Evolved by Atonic Force?" Sunday schol sessions convene at 9:30 and 11 a. m. Wednesday evening testimonial meeting at 8 o'clock. Reading room, 209 Masonic Temple, open every day except Sundays and holidays from 11 to 5:30 p. m. every evening except Wednesday from 7:30 to 9; Sunday afternoon from 3 to 5.

NAZARENE

19th and Marion Sts., C. H., and Mrs. Hopkins, pastors, residence, 1960 Marion St. Services 11 a. m., and 7:30 p. m. Sermon Topics: "Following the Star," and "Seeking Christ." Special music and singing at both services on Sunday. Sunday school 9:45 a. m., W. B. Hardy, superintendent. Senior young peoples' meeting at 6:30 p. m., topic: "The Eternal Inheritance," Walter Seamster, leader. Junior C. E. at 6:45 p. m., Lloyd Miller, president. Wednesday evening at 7:30 prayer and praise service. Thursday evening at 7:30 Christmas exercise and program. Mrs. Hopkins will preach Sunday morning and the pastor will preach in the evening. Everybody welcome.

UNITED BRETHREN

CASTLE CHAPEL—17th and Nebraska Ave., P. C. Hoffman, pastor, residence: 1743 Nebraska Ave. Services 11 a. m., and 7:30 p. m. Sermon topics: "The Church," and "Sanctification." Sunday school 10 a. m., W. W. Rosebraugh, superintendent. Young peoples' meeainga: Junior, Intermediate and Senior 6:30 Sunday evening. Prayer meeting and Bible reading Thursday evening at 7:30.

FIRST—12th and Mission Sts., A. S. Henderson, pastor, residence: 1155 Mission, phone 1903W. Services 11 a. m., and 7:30 p. m. Special music by choir at morning service. Sunday school at 10 a. m. Young peoples' meeting at 6:30 p. m. A special Christmas program will be given at this time, by the Endeavors. Old-time prayer meeting Wednesday evening 7:30. These services are increasing in interest and power. A Christmas program will be given by the members of the Sunday school, on Christmas eve, beginning at 7:30. We are working and hoping for a good prgram. Come.

CHURCH OF GOD

1316 N. Church St., J. J. Gillespie, pastor, residence 1315 Church St., phone 1873M. Services 11 a. m., and 7:30 p. m. Sermon topics: "The Christ of Bethlehem," and Evangelistic. Sunday school 10 a. m., Mrs Walter Barkus, superintendent. Young peoples' meeting 6:45 p. m., subject: "What I Want to Be at 35." Herman Hahn, leader. Christmas program by the young people and children Wednesday evening 7:30, Dec. 23.

SALVATION ARMY

241 State—There's a "friendly feeling in the air"—you can sense it at the tall white building west of Commercial, on State. Free and easy gospel meetings, with cheerful, uplifting songs and testimonials, and practical preaching. Sunday at 11 a. m., and 7:30 p. m. Peppy Sunday school 2:30 and special meet for the young folks at 3:30 p. m. Owing to Christmas activities, there will be no public meeting on Tuesday and Thursday of thel week. All are welcome at our services.

EPISCOPAL

ST. PAUL'S—Church and Chemeketa Sts., Rev. H. D. Chambers, pastor, residence, 560 Chemeketa, phone 1045J. Services 11 a. m. Xmas Eve Holy Communion service at 11:45 p. m., with music by choir. Xmas Day Communion at 9:30 a. m. Sunday school 9:45 a. m. There will be no early service at 7:30 a. m., Sunday, Dec. 22, owing to the absence of the rector.

LUTHERAN

CHRIST EVANGELICAL—State and 18th Sts., G. Koehler, pastor, residence: 1750 State St., phone 599R. Services 10:30 a. m., in German. Young peoples' meeting at 7 p. m. Song service under the auspices of the Luther league. The Sunday school will give its Xmas program on Thursday at 7 p. m. There will be German services on Xmas day at 10:30 a. m.

EVANGELICAL

17th and Chemeketa Sts., F. W. Lauer, pastor, residence: 268 N. 17th St., phone 1008W. Services 11 a. m., and 7:30 p. m. Sermon topics: "Christmas," and "The Hands of Jesus." Christmas program Tuesday evening. Sunday school at 10, O. R. Straushaugh, superintendent. Young people's meeting at 6:30 p. m., Thelma Bings, leader.

UNITARIAN

Cottage and Chemeketa Sts., Rev. Martin Fereshetian, pastor. Church school at 10 a. m., graded instruction, Miles McKey' supt. Devotional services at 11 a. m. Mr. Fereshetian will have for his Christmas sermon subject, "The God in Man." Mrs. Fereshetian and Mrs. Hallie Parrish Hinge, will sing a duet, "Hark, Hark, My Soul," by Schelley. Mrs. W. A. Denton at the organ. On Tuesday evening the 22nd the Christmas party will take place in Emerson hall of the church. Christmas tree and appropriate exercises for the occasion will be the order of the evening. The annual meeting of the church will take place the second Tuesday evening in January. The Emerson club will not meet until the first Thursday in January.

CHRISTIAN AND MISSIONARY ALLIANCE

Tabernacle Ferry St., 655, H. E., and Mrs. Caswel, pastors, residence: 173 S. Cottage, phone 1434J. Services 3 and 7:30 p. m. Sermon topics: "The Faith of God," and "The Reign of Terror." A nine piece orchestra is giving fine music. Special Christmas music this week. Solos, duets, quartets. Sunday school 2 p. m., Mrs. M. Wilson, superintendent. Evangelist John Goben is with us through out the week every night except Monday 7:30. Rev. Goben is a clear exponent of the Word of God and will speak twice on Sunday and at each service during the week. Afternoon services 3 p. m., Tuesday, Wednesday, Thursday. Tuesday and Saturday nights Evangelist Goben will pray for the sick. Christmas Eve will be a special treat for the children, the children taking part, also Mr. Goben will give a message to the children.

BAPTIST

FIRST—Liberty and Marion, Rev. Ernest H. Shanks, pastor, residence: 549 N. Liberty, phone 1920. Services 11 a. m., and 7:30 p. m. Sermon topics: "God's Christmas Gift," and Great Christmas musical program. The choir assisted by soloists will give a great Christmas program at the hour of the evening worship. Anthems, solos and carols. Sunday school 9:45, Ed Schunke, superintendent. Young peoples' meeting 6:30, led by group III. On account of Christmas the mid-wees prayer meeting will be held on Wednesday evening this week. On Tuesday young people will sing Christmas carols about the city on Thursday evening.

CHRISTIAN

COURT STREET—Court and N. 17th Sts., R. L. Putnam, pastor, residence: 1106 Leslie St., phone 1425J. Services 11 a. m., and 7:30 p. m. Sermon topics: "All Things Becoming New," (sermon for new converts) and "Where Will You Spend Eternity?" Lorraine Stivers will have charge of the music. Evangelist Stivers will give an object talk "Power of Habit" at close of Bible school. Sunday school 9:45, Chris J. Kowitz, superintendent. The aim is for 300 in Bible school. Christian endeavor 6:30; 7 p. m. Junior; Junior Intermediate, Senior Intermediate and Senior. There will be only half hour session in Endeavor so all can be in the auditorium for the sacred preconcert of negro spirituals at 7:15. The volunteer teams will call on shut-ins in afternoon. This is the last day of our meetings with the Stivers Evangelitsic company. We invite everyone who wishes to these services. You will find a welcome hand to greet you.

MISSION

GLAD TIDINGS—343½ Court St., C. S. Johnson, pastor, residence; 1935 Maple Ave., phone 1917W. Sunday school 2 p. m., S. Berkey, superintendent. Young peoples' meeting Friday evening. Week day services Tuesday, Thursday and Saturday evenings. We preach the full gospel salvation, healing, baptism with the holy spirit and the second coming of Christ.

FULL GOSPEL—237 State St., Ralph D. Bullock, pastor, residence: 251 Mission St., phone 1439W. Services 2:30 and 7:30 p. m. Sunday school 2:30 p. m. Young peoples' meeting Friday night 7:30. Bible teaching and evangelistic meetings every night except Monday and Friday at 7:30. Mr. Carl Hensley, missionary. You are invited to hear and see the original apostolic gospel in operation as in the Bible days for "Jesus is the same yesterday, today and forever." Heb. 13:8. We believe in the real power and wisdom of God, but also believe in keeping absolutely free from all fanaticism.

CONGREGATIONAL

CENTRAL—S. 19 and Ferry Sts., H. C. Stover, pastor, residence: 245 S. 19th St., phone 1924J. Services 11 a. m., and 7:30 p. m. Sermon topics: "Room for Christ," and "Gifts Christ Brings." In the merged morning service, Margaret McIntire, Harriet Adams, Norva Edwards and Donald Barnard will sing "Bright Angels," by Adam Geibel. In the evening the chorus choir will sing, "Glory to God in the Hightes," and Mrs. Carrie will sing, "The Dawn of Hope," by Harry Rowe-Shelly. Sunday school 10 a. m., C. C. Harris, superintendent. Senior and Junior C. E., at 6:45 p. m. The Sunday school will give a Christmas program Thursday evening at 7:30. By invitation hte choir will sing the Santaata "The Holy Nativity," by Henry Wieldermere at Chemawa Training School Sunday at 2:30. The senior C. E., society will present to the public on Tuesday evening, Dec. 22 at 7:30 a musical skit "The Country Pedagogue" and the farce "Why Not Jim." The male quartet of the society will be herd on this occasion in popular numbers.

FIRST—Center and Liberty, Chares E. Ward, pastor, residence 440 Center, phone 59 R. Services 11 a. m., and 4, vesper service. Sermon topics: "The Spirit of Christmas, Cantata: "The Prince of Peace." The Vesper Service at 4 will be a real treat to all music lovers and will be almost entirely a musical service. Sunday school 10 a. m., Mark McCallister, superintendent. As Thursday evening is Christmas Eve there will be no mid-week service this week. All members and friends of the church should plan to be present at hte Christmas services Sunday morning and afternoon. On Tuesday evening at 7:30 the Sunday school Christmas program will be given. A cast of characters and a chorus chorus will present "The Nativity." The public is cordially invited to all services of the church.

CATHOLIC

ST. JOSEPH'S—Corner Cottage and Chemeketa Sts., Rev. J. R. Buck, pastor, residence, 751 Chemeketa St., phone 89. Services 8, 10 and 3. Sermon topics: Fourth Sunday of Advent and Questions answered. Masses on Christmas at 12:30 (midnight mass) 7, 7:30, 8 8:30 and 9 a. m. Benediction follows last mass. Regular choir at 12:30, specially prepared music. The girls of Academy will sing at 9. Everyone is most cordially welcome to all services, and especially to the midnight mass on Christmas eve.

ST. VINCENT DE PAUL—Rev. Thos V. Keenan, pastor, residence, 1280 Highland Ave., phone 1374. Masses on Sunday as usual at 8 and 10:30 a. m. Rosary and benediction of the most Blessed sacrament every Sunday evening at 7:30 p. m. Catechism class for the children every Saturday afternoon at 3 o'clock. Next Thursday is the Vigil of Christmas and therefore a day of fast and abstinence. During the week mass will be celebrated at 8 o'clock. Masses on Christmas day will be as follows: at 12:30 a. m. Friday, midnight mass will be celebrated, the first high mass celebrated in the new parish of St. Vincent De Paul since its erection; in the early morning the schedule of masses will be, 7, 7:30, 8 and 8:30 and the last mass at 9 a. m., will be a high mass with Rev. Father Bede, O. S. B. officiating. Benediction of the most blessed sacrament will follow the late mass on Christmas morn. At the midnight mass the newly organized choir of the parish will sing the mass of Our Lady of Loretta and at the offertory, "Holy Night" will be sung by Mr. Muston, accompanied by Miss Norma Maier on the violin. At the 8 o'clock mass the children's choir will sing." Everyone is extended a cordial invitation to attend these services.

METHODIST

LESLIE—South Commercial and Myers Sts., J. Willard De Yoe, pastor, residence: 348 Myers, phone 188J. Services 11 a. m., and 7:30 p. m. Sermon topics: "His Name — the Wonderful, and "The Christmas Hymns." Sunday school 9:45 E. A. Rhoten, superintendent. The chorus will sing "The Star of Christmas" by Wildermore and Mrs. A. E. Utley, will sing "Silent Night" by Haydn for the offertory in the morning. Special musical program in the evening. Young peoples' meeting at 6:30—the senior led by Ivan Corner, the Intermediate by Ruth Havelton. There will be no mid-week service as our Sunday school will give their program on the regular night.

JASON LEE—Corner N. Winter and Jefferson Sts., Thos. Acheson, pastor, residence: 1030 Hood St., phone 2106J; Gilbert Wrenn, assistant pastor, residence: 1464 Ferry St., phone 2327. Services 11 a. m., and 7:30 p. m., 10 a. m., Xmas sk. Sermon topics: "The Search of Modern Wise Men," and Christmas program by the church school. Junior church service at 11 a. m., Rev. Wrenn in charge. Special Christmas music by choir morning and evening. Sunday school 9:45 a. m., Harry Carpenter, superintendent. Epworth, Wesley and Jason Lee League meet in separate rooms for devotional services. Others are always welcome to these services. A cordial welcome awaits the public at all the services of the day. Wednesday W. F. M. socity meet at the home of Mrs. E. E. Roberts, 1471 Jefferson St. Christmas service Friday 10 a. m. There will not be any mid-week prayer service Thursday evening. Public invited to the servcie Christmas morning.

SCANDINAVIAN—15th and Mill Sts., Patrik Dahlin, pastor, residence: 2095 Trade St., phone 377J. Swedish services at 11 a. m., and English services at 8 p. m. Sunday school 10 a. m., Mrs. E. Fargard, superintendent. Young peoples' meeting at 7:15 p. m. On Christmas morning services will be held in English at 6:30 a. m. Everybody welcome to our services.

Did You Ever Stop To Think?

By E. R. Waite, Secretary Shawnee, Okla., Board of Commerce

That a great many people think they know all there is to knew about the city in which they live. Most of them don't know half so much as they think they know.

That if they joined in on a "Know-Your-City" campaign they would learn many things that would surprise them; some things pleasing and some otherwise.

That if most people in most cities really did know what was going on, there would soon be many changes for the better.

That if they knew and fully realized the needs of their city, they would get together and get what is needed.

That a bunch of citizens only being half sold on the home city means poor business.

That it means that the city will get a slow start for better development and may never arrive, in fact it may not get any further than the starting point.

That there is only one end for a city that takes two backward steps for every one they make forward.

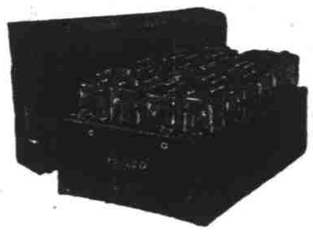
It is better for a city to be a live city in which to do business than to get so dead that half the people have to move to some other city to make a living.

Gardinor — Taxpayers vote 10-mill levy, for $15,000 to build Roosevelt highway.

Son Starts Dad Making Radios

$130 was too much to pay for a radio set to be used as a toy for this boy. That was four years ago. Father realizing there were many parents willing to spend a few dollars for a receiver and started making low-price ones. Today the father, Powel Crosley, Jr., is a leader in the industry. This is a picture of his son, Powel, Third, who inspired his dad through a desire to own a set.

Enjoy Radio *with--*



PHILCO DIAMOND GRID BATTERIES

PHILCO "A" and "B" Storage Batteries give the radio owner the maximum of satisfaction as well as longer and more economical service.

PHILCO has in past years, through their research department, developed Radio "A" and "B" batteries that give the Radio Fan the best possible radio reception at a small cost.

PHILCO is now able to supply Radio Fans with Radio "A" and "B" batteries at a low cost not before realized. While the initial cost on storage "A" and "B" batteries is a little greater than on dry cell batteries, over a certain period an economical saving will be realized in the upkeep of operating a Radio Set. Any PHILCO dealer will be pleased to demonstrate PHILCO Radio "A" and "B" batteries at any time.

AUTHORIZED PHILCO DEALERS

HALIK & EOFF, 337 Court
VICK BROTHERS, Trade and High
TODD ELECTRIC MOTOR WORKS, Masonic Building
M. J. McDONALD, Independence
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BALL BROS., Turner
H. L. STIFF FURNITURE CO., 446 Court
BONESTEELE MOTOR COMPANY, 474 S. Commercial
P. J. WALTON, Dallas
KNIGHT BROTHERS, Jefferson
COLUMBIA GARAGE, Mt. Angel
MOORE'S MUSIC HOUSE, 415 Court
SQUARE DEAL HARDWARE CO., 230 N. Commercial
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First Congregational Church

11 A. M. "The Spirit of Christmas"

4 P. M. "The Prince of Peace"

The Vesper Service is a Splendid Musical Treat

The Church With a Heart

FIRST BAPTIST CHURCH SALEM, ORE.

CHRISTMAS SERVICES

First Baptist Church

Liberty and Marion

Rev. Ernest H. Shanks

A. M.—God's Christmas Gift.

P. M.—Great Christmas Musical Services.

Augmented Choir and Soloists

Traditional Carols

You Made the Lower Cadillac Prices

When all is said and done it is the public which has made possible the lower prices on the new 90-degree Cadillac.

If the Cadillac market had not grown steadily to its present large proportions over a period of years, it would be utterly impossible to produce and sell at the present prices such an ultra-fine car as the new Cadillac.

If the number of Cadillac buyers who can be securely counted upon year after year were curtailed by even so much as twenty-five per cent—the first cost of the Cadillac must of necessity be very much higher.

The whole world concedes Cadillac's capacity to build cars beyond compare — and Cadillac says of this new car:—

"With all the wonderful facilities of Cadillac and General Motors at our command, this is the very best car we can now build—but thanks to you good people who buy Cadillacs year after year, we have been able to bring the prices to a point where there is nothing in the world to compare with the new Cadillac, either in first cost or in after economy."

F. W. Pettyjohn Co.

365 North Commercial

C A D I L L A C