

HEINL RADIO BUSINESS LETTER

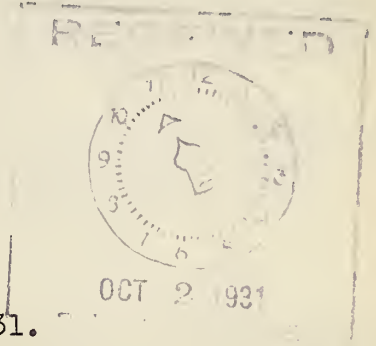
INSURANCE BUILDING

WASHINGTON, D. C.

ISSUED TWICE A WEEK AND CONTAINING THE LATEST INFORMATION REGARDING THE RULINGS OF THE FEDERAL RADIO COMMISSION, RADIO LEGISLATION, DEPARTMENT OF COMMERCE REGULATIONS, CHANGES IN WAVELENGTH, CALL LETTERS AND POWER, PATENTS, EXPORTS, FEDERAL TRADE COMMISSION RULINGS AND OTHER MATTERS OF INTEREST TO BROADCASTERS AND MANUFACTURERS. :: :: **CONFIDENTIAL—NOT FOR PUBLICATION.** :: ::

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No. 474

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COMMISSION DESIGNATES ADDITIONAL 50 KW STATIONS

The Federal Radio Commission today made tentative grants of increased power for certain radio broadcasting stations to conform with General Order No. 42 as amended, which provides that high powered stations can operate only on four channels in each zone.

The following grants for 25 KW regular and 25 KW additional experimentally were made to fill vacancies in the different zones - the formal action of the Commission will not be taken until its Statement of Facts and Grounds for Decision are adopted:

FIRST ZONE

WOR, Bamberger Broadcasting Service, Inc., Newark, N. J., now operating unlimited time on 710 kc., with 5 KW.

Chief Examiner Yost recommended that this assignment be given to WJZ, New York, N. Y., operated by the National Broadcasting Co.

SECOND ZONE

WCAU, Universal Broadcasting Co., Philadelphia, Pa., now operating unlimited time on 1170 kc., with 10 KW, sustaining Examiner Yost.

THIRD ZONE

WSM, National Life & Accident Insurance Co., Nashville, Tenn., now operating unlimited time on 650 kc., with 5 KW, sustaining Examiner Yost.

WSB, Atlanta Journal Company, Atlanta, Ga., now operating unlimited time on 740 kc., with 5 KW, sustaining Examiner Yost.

FOURTH ZONE

WCCO, Northwestern Broadcasting Inc., Minneapolis, Minn., now operating unlimited time on 810 kc., 5 KW.

WHO-WOC, Central Broadcasting Co., Des Moines, Ia., now operating on 1000 kc., with 5 KW.

For this zone, Examiner Yost recommended that the assignments be given to WCCO and WGN, operated by the Chicago Tribune Co., Chicago, Ill.

FIFTH ZONE

KOA, National Broadcasting Co., Denver, Colo., now operating unlimited time on 830 kc., 12½ KW.

KSL, Radio Service Corp. of Utah, Salt Lake City, Utah, now operating unlimited time on 1130 kc., 5 KW.

KPO, Hale Bros. Stores, Inc., and The Chronicle Publishing Co., San Francisco, Cal., now operating unlimited time on 680 kc. 5 KW.

Examiner Yost recommended. When Mr. Yost made his report to the Commission February 16, 1931, only two vacancies existed in this zone. Since then Station KNX, Hollywood, Cal., surrendered its C.P. for 50 KW.

Mr. Yost recommended that the two vacancies existing when he considered the problem should be given to Stations KPO, San Francisco, and KOA, Denver.

Stations Given 25 KW Power

WHAM, Stromberg-Carlson Tel. Mfg Co., Rochester, N. Y., now operating unlimited time on 1150 kc., 5 KW.
WHAS, The Courier-Journal Co., and Louisville Times Co., Louisville, Ky., now operating on 820 kc., 10 KW.
WBT, Station WBT, Inc., Charlotte, N. C., now operating on 1080 kc., 5 KW.
WAPI, Alabama Polytechnic Institute University of Alabama, and Alabama College, now operating on 1140 kc., 5 KW, sharing simultaneously with KVOO.
KVOO, Southwestern Sales Corp., Tulsa, Okla., now operating on 1140 kc., 5 KW, sharing with WAPI night, simultaneously day.
KFAB, KFAB Broadcasting Co., Lincoln, Neb., now operating on 770 kc., 5 KW, sharing with WBBM-WJBT, not given full time.

Applications Denied

WOWO, Main Auto Supply Co., Fort Wayne, Ind., application to erect 50 KW station on 1160 kc., unlimited time, denied.
WFBM, Indianapolis Power & Light Co., Indianapolis, Ind., application to erect 50 KW station, using frequency 1160 kc., unlimited time, denied.

The above cases were heard together January 22, 1930.

WCTL, Chicago Federation of Labor, Chicago, Ill., application for 50 KW on 720 kc., denied.

WTMJ, Milwaukee Journal Co., Milwaukee, Wis., application for 50 KW on 870 kc., denied.

Before considering the high powered cases, Commissioner Lafount made a motion to rescind General Order No. 42 as amended. That motion was lost by a vote of 3 to 2, Commissioner Robinson voting with Mr. Lafount.

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WOR GRATEFUL FOR COMMISSION RECOGNITION.

Alfred J. McCosker, director and general manager of WOR, said in connection with the Federal Radio Commission decision to award the station 50,000 watts power: "We appreciate greatly the endorsement of our policy in programs indicated by the Radio Commission's awarding 50,000 watts power to WOR. The high power means to us new responsibility and increased opportunity for improved public service. The State of New Jersey has likewise been honored."

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MODERN BROADCASTING PLANT IN PHILADELPHIA

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In a three-story structure to be built atop the twenty-one-story Franklin Trust Building, 15th and Chestnut Streets, Philadelphia, is soon to have one of the most modern and complete radio broadcasting studios in the world.

The Universal Broadcasting Company, known on the air by the call letters WCAU, carrying out plans made nearly a year ago, will build the three additional floors at its own expense under the terms of an agreement just concluded with the Franklin Trust Company. The unit, estimated to cost \$350,000, will house both studios and offices.

Incorporating the most modern equipment and employing every advance in acoustics making for the perfection of programs and the comfort of artists, the broadcasting facilities, including a television unit and seven complete studios of various sizes, adapted to accommodate every known type of program, will be installed with the aid of Leopold Stokowski in a supervisory capacity.

Dr. Stokowski, famed as conductor of the Philadelphia Orchestra, will have in the broadcasting unit, an especially designed experimental laboratory in which he will continue the studies and experiments in the transmission of music which he has been carrying on for some time, according to an announcement by officials of the radio concern.

Engineers of the Columbia Broadcasting System and the Western Electric Company are collaborating with architects and engineers of the local organization on the plans, which, according to Dr. Leon Levy, President of the Universal Broadcasting Company, and Secretary of the Columbia Broadcasting System, are near completion.

An exclusive innovation of Universal's new quarters will be a glass-inclosed, acoustically treated room outside the main studio for the conductor, where he may hear the program not as it sounds in the studio, but through loud speakers, as it sounds to the great audience outside in homes and clubs and other places. Standing on a platform flooded with light, behind a double-curved glass embracing his inclosure, the conductor and every move of his baton will be clearly visible to every musician in the orchestra.

In anticipation of the broadcasting of television programs, a television transmitter, special lighting equipment and dressing rooms for speakers and performers are included in the plans.

Provision is being made for large observation galleries.

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ROYAL AND WITMER NEW NBC VICE-PRESIDENTS

Appointment of John F. Royal and Roy C. Witmer as Vice-Presidents of the National Broadcasting Company has been announced by M. H. Aylesworth, President.

Royal, who was formerly a newspaperman and showman, will be Vice-President in Charge of Programs. Witmer, successively a bank accountant, engineer and industrial sales manager, will be Vice-President in Charge of Sales.

Both executives have won rapid recognition in the broadcasting field. Their new promotion was voted at a recent meeting of the NBC Board of Directors.

Royal came to New York as Program Director in February, 1931, leaving his post as Director and General Manager of WTAM, Cleveland. He previously was General Manager of the Midwestern Division of the B. F. Keith Theaters, with whom he was associated for nineteen years. He entered the show world as a press agent after earlier years as a Boston newspaperman.

Witmer joined NBC in November, 1927, as an advertising salesman. He came to New York from Norwalk, Conn., after serving sixteen years as General Manager of machine manufacturing plants in the East. He was promoted to Assistant Sales Manager in 1929, and was advanced to Sales Manager last December. Witmer began his business career in California following his study of mechanical engineering at Leland Stanford University.

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PRESIDENT WILL ADDRESS BROADCASTERS

President Hoover has accepted an invitation to address the opening session of the Ninth Annual Convention of the National Association of Broadcasters to be held at Detroit, Mich., October 26, 27 and 28. The invitation was extended by the Association through its President, Walter J. Damm, Milwaukee, Wis.; Frank M. Russell, Washington, D. C., member of the Executive Committee, and Philip G. Loucks, Washington, D. C., Managing Director.

The President's address will be carried by special wire from the White House to the convention hall in the Hotel Statler, Detroit, and at the same time will be broadcast to the public over the nationwide networks of the National Broadcasting Company and the Columbia Broadcasting System.

A half-hour broadcast, commencing at 12 o'clock noon, will mark the opening of the broadcasters' convention. The meeting will be called to order by President Damm, who will introduce Mayor Frank Murphy, of Detroit. Mayor Murphy's address of welcome will be

followed by a brief response from William S. Hedges, Chicago, Ill., former president of the Association. The Association's president will then introduce President Hoover, who will address the meeting from the White House.

Following an address by President Damm, Major General Charles McK. Saltzman, Chairman of the Federal Radio Commission, will speak briefly.

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ASSOCIATED BROADCASTERS WITHDRAW PROTEST AGAINST CBS BOOSTER

After receipt of assurances from officials of the Columbia System, the Associated Broadcasters of America today withdrew its protest filed with the Federal Radio Commission against the erection of a booster station in Washington.

Objection had been made by the Associated Broadcasters against the Columbia application for a 250-watt booster station in Washington on the ground that it was the first step toward a country-wide system of booster stations and that it would result in the displacement of existing stations on the Columbia network.

The Associated Broadcasters were informed that there had been unnecessary apprehension in this respect.

Columbia officials pointed out that after all synchronization is still largely experimental and that it is impossible at this time to tell how synchronization should be utilized to the best interest of the public, once it emerges from the experimental stage.

Officials of the Columbia System informed the A.B.A. that while nobody knows what the future may bring, Columbia has no plan for a national system of booster stations and that it has no intention of depriving stations now affiliated with the Columbia network or its programs, substituting booster stations for existing outlets.

The objection of the Associated Broadcasters being based largely on these two points, assurances having been given covering them, the Associated Broadcasters announced their intention of withdrawing their protest and today filed a letter to that effect with the Chairman of the Federal Radio Commission.

"As a matter of fact", the Columbia statement reads, "under the present allocation to broadcasting stations, a national system of booster stations would be impossible. A complete reallocation of wave-lengths would be necessary before a national booster system could be contemplated.

The letter of withdrawal sent by the Associated Broadcasters to the Federal Radio Commission, follows:

"Federal Radio Commission,
Washington, D. C.

"Gentlemen:

"On September 3, 1931, this Association filed a protest with your Commission against the granting of an application made by the Columbia Broadcasting System for a booster station in Washington to operate on 860 kilocycles, synchronizing with WABC.

"Objection was made by this Association to the application on the ground that it was the first step toward a national system of booster stations; and that adoption of such a policy would not only force many existing stations out of business but would result in a monopoly of broadcast communications.

"Officials of the Columbia Broadcasting System have given this Association adequate assurances that its fears in this respect are groundless. They have disclaimed any intent to erect a national system of booster stations. They have stated that they have no intention of withdrawing Columbia chain programs from stations at present affiliated with the network, substituting booster stations therefor. In fact, stations are being added to the Columbia network, rather than being withdrawn.

"These assurances of the Columbia Broadcasting System completely satisfy the objections of this Association.

"This Association therefore begs leave to withdraw its protest against the granting of the application of the Columbia Broadcasting System for a booster station in Washington.

"The Columbia Broadcasting System is undoubtedly rendering a very fine service to the people of the country. Any application which will extend that service should receive most solicitous consideration.

"Respectfully submitted,
"ASSOCIATED BROADCASTERS OF AMERICA
(Signed) "Thomas Stevenson
"Executive Director"

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NEW LINER TO HAVE RADIO EQUIPPED LIFEBOATS

When the new Matson Liner "Mariposa" which is now under construction sails on her maiden voyage early next year, she will be equipped with radio facilities as complete as any steamship has ever possessed. She will have powerful radio telegraph apparatus of world-wide range, and a centralized radio system for the convenience of reproducing radio broadcast programs at various locations in the vessel.

One of their modern innovations will be the radio equipment for lifeboats as developed by the Radiomarine Corporation of America. The design and construction of this new equipment is considered an engineering achievement not only because such apparatus must represent the utmost in reliability, but also because its service must be accomplished under difficult conditions and with limitations not usually encountered in other applications of radio. C. J. Pannill, Executive Vice-President of the Radiomarine Corporation of America, outlined some of the features of the newly developed apparatus for this purpose.

"It is apparent that this new equipment had to be designed for minimum space and to be of the least possible weight", said Mr. Pannill. "There was also the necessity for having it completely protected from water and the corrosive action of salt air. If you weight these obstacles against the objective of producing equipment which would have flexibility of operation on short waves as well as the intermediate band and a reliable transmitting range of at least a hundred miles, it will be seen that the problem was one of no small proportions.

"Storage batteries will provide power for operation and the radio equipment of every lifeboat so furnished will consist of three units; the transmitter and receiver containing the vacuum tubes and the tuning apparatus, a charging panel by means of which power is controlled and a motor-alternator for the production of high voltages necessary to the operation of the vacuum tubes."

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"BROADCAST ADVERTISING" BY FRANK A. ARNOLD OFF THE PRESS

The radio industry will welcome the announcement that Frank A. Arnold, of the National Broadcasting Company, has written a modern, up-to-date book on Broadcast Advertising, which was published by John Wiley & Sons, Inc., New York City, on September 28th. The title of this book is "Broadcast Advertising, The Fourth Dimension."

Written by an advertising man, written from personal experience by one who has been a publisher, buyer of advertising, advertising agency executive and developer of radio broadcasting, this book will have a strong appeal for the man who wants authoritative facts which are first-hand and not a compilation from secondary sources.

"Broadcast Advertising" is written in entertaining narrative form. It deals with everything from the pioneering days of radio to an interesting discussion of its future. Obtaining radio circulation, planning programs and adapting them to subject and audience, reaching the audience, the advertising agency and re-selling the broadcast program, broadcasting as an aid to distribution, does broadcast advertising pay - these are only a few of the subjects discussed, which make the book invaluable for advertising agencies,

advertising departments of industry, and staffs of broadcasting stations and organizations. As a textbook for supplementary reading in schools and colleges which are establishing courses in broadcast advertising, it is valuable.

"Broadcast Advertising" goes straight to the point. There is no padding, no wandering into irrelevant though interesting by-paths. Mr. Arnold has written a straightforward, honest and accurate interpretation of broadcasting as the "fourth dimension of advertising".

Mr. Arnold is well-known to advertising men. For twelve years he was President and General Manager of "Suburban Life." He was an officer and director of the Frank Seaman Advertising Agency for nine years and resigned from that company in 1926 to assume his present position. For six years he was a Committee Chairman of the American Association of Advertising Agencies and Vice Chairman of its first Radio Advertising Committee. Many advertising men consider him the outstanding authority on Broadcast Advertising - and this he undoubtedly is when one considers that he has given over 400 addresses on Radio Broadcasting in more than 200 cities by special invitation. His book reflects this national experience in the soundness of his judgments and the conclusiveness of his facts.

The late Harry P. Davis, Vice-President of the Westinghouse Electric & Manufacturing Co., and "Father of Radio Broadcasting", says in the Foreword to "Broadcast Advertising", which was written only a few weeks prior to his untimely death:

"Broadcast Advertising is modernity's medium of business expression. It has made industry articulate. American business men, because of radio, are provided with a latchkey to nearly every home in the United States. When visiting in America's homes by means of radio programs, they are only asked to conduct themselves as good-mannered guests. An attentive public ear is attuned to this distinctly unique method of public information.

"The American public owes a great deal to those industries and businesses whose use of broadcast advertising has, for the individual citizen at least, provided without fee, instruction, entertainment and amusement. Night and day in our country, and in fact in all parts of the world, there is broadcast a panorama of events in which those who participate represent the highest and best attainments in their respective fields of endeavor. All this the public has come to expect, without expense, and at the turn of the dial. Broadcast advertising has been of vast service to the public.

"Radio broadcasting when first developed was conceived as a public service, and is today the greatest medium the world has yet known to perform that important function. Since 'public service' in the fullest meaning of the term, requires that the donor and the benefactor alike should receive a measure of satisfaction from their participation, it is a logical outcome that the advertiser and the public should benefit from broadcast advertising.

"Frank A. Arnold, Director of Development of the National Broadcasting Company, Inc., is thoroughly qualified to discuss the many interesting phases of broadcast advertising. His entire business life has been devoted to publishing and advertising and he brings to this new art a background of practical knowledge which is unique. His experience in this newest form of business expression is reflected in this book, which is an important contribution to radio and business literature."

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: BUSINESS LETTER BRIEFS :
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That the business depression can be definitely capitalized by the enterprising radio manufacturer, is the opinion of W. J. Barkley, Vice-President of the DeForest Radio Company, based on his observations at the Radio-Electric World's Fair just brought to a close in New York City.

"Our DeForest line", said Mr. Barkley, "including as it does transmitting tubes and transmitters, solicited additional interest from those engaged in radio communication activities. Our latest transmitting tubes were critically examined and favorably commented upon, with more orders to work out transmitting tube department far beyond its normal day-time capacity.

"If radio manufacturers would pay more attention to their business opportunities and less to the general business situation, I am positive they would find a big improvement right now."

More than 25,000 letters of commendation for Station WLWL have been received by the Paulist Fathers as a result of requests made over the air to its listeners to write in support of the station's appeal for more broadcasting time, according to a station representative. The station will have an oral hearing before the Federal Radio Commission tomorrow (Friday) morning.

Announcement of the arrival of a baby boy - George Wilfred Johnstone, Jr., - was made by Mr. and Mrs. G. W. Johnstone of NBC, at Brooklyn Hospital on Wednesday, September 30th. Their other child Suzanne, is now three years old.

Finis Farr, former Cincinnati and New York news reporter, short-story writer, and star of the NBC's continuity staff in New York City, is now affiliated with the continuity staff of the WLW broadcasting station in Cincinnati. He created "Mystery House", Forty Fathom Trawlers, the Crime Prevention series, etc. for NBC.

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APPLICATIONS RECEIVED BY FEDERAL RADIO COMMISSION

September 28 - WEEL, The Edison Electric Illuminating Co., of Boston, Boston, Mass., direct measurement of antenna input; WBHS, W. T., M. M., W. C., & V. F. Hutchens, d/b as The Hutchens Co., Huntsville, Ala., modification of C. P. granted 5/15/31 to extend completion date to 3/3/32; WRJN, Racine Broadcasting Corp., Racine, Wis., C. P. resubmitted amended to request facilities of WJBC and WJAZ, also amended as to equipment (on 1370 kc); KFXV, Albert H. Schermann, Flagstaff, Ariz., modification of C. P. to make changes in equipment authorized and extend completion date to 11/1/31 (1420 kc), C. P. granted 5/12/31.

The following application was returned to the applicant: KGEW, City of Fort Morgan, Fort Morgan, Colo., C. P. to change equipment and increase day power on 1200 kc., (did not comply with G.O. No. 115, G. O. No. 102).

The following application was retired to files: KTFI, Radio Broadcasting Corp., Twin Falls, Idaho, license to cover 5-P-B-1573 which was granted 9/2/30, superseded by 5-L-B-696.

September 29- WBEN, Evening News, Buffalo, N. Y., C. P. to make changes in equipment; WNAT, Broadcasting Co., Natchez, Miss., C. P. amended to request 1310 kc., 100 w., share with KRMD, facilities of KTSL, formerly requested 1500 kc.; KTAT, S. A. T. Broadcast Co., Inc., Aviation Building, Fort Worth, Tex., direct measurement of antenna input; KFWB, Warner Bros. Broadcasting Corp., Hollywood, Calif., direct measurement of antenna input; KXL, Broadcasters, Portland, Oreg., C. P. to install a new transmitter; KOB, New Mexico College of Agriculture and Mechanic Arts, State College, New Mexico, C. P. to move station to Albuquerque, N. Mex., and make slight changes in equipment:

The following applications have been returned to the applicant: KFWF, St. Louis Truth Center, St. Louis, Mo., C. P. to change frequency to 1420 kc., $\frac{1}{2}$ time (does not comply with G.O. 102); San Joaquin Valley Broadcasting Co., Bakersfield, Calif., C. P. for a new station on 1460 kc., (did not comply with G.O. No. 102); KMJ, James McClatchy Co., Fresno, Calif., C. P. to change frequency to 1420 kc., increase power and change equipment (did not comply with G.O. 111 and 115).

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DECISIONS OF THE FEDERAL RADIO COMMISSION

The Commission on September 29th granted the following applications:

WFBE, Radio Station WFBE, Inc., Cincinnati, Ohio, voluntary assignment of C. P. to The Post Publishing Co.; WBNX, Standard Cahill Co., Inc., New York City, license covering changes in equipment, 1350 kc., 250 watts, shares with WCDA, WMSG and WAWZ; WFBE, The Post Publishing Co., Cincinnati, O., license covering changes in equipment 1200 kc., 100 w., 250 w., LS, unlimited time; WKZO, WKZO, Inc., Kalamazoo, Mich., license covering removal of transmitter and studio, 590 kc., 1 KW, daytime; KQV, KQV Broadcasting Co., Pittsburgh, Pa.,

license covering installation of new transmitter, 1380 kc., 500 watts, simultaneous operation with WSHK until local sunset, shares with WSMK at night; KFWI, Radio Entertainments, Ltd., San Francisco, Cal., license covering installation of new transmitter, 930, kc., 500 w., shares with KROW; WRBT, Woodruff Furniture Co., Inc., Hattisburg, Miss., renewal of license 1370 kc., 10 watts, unlimited time (heretofore set for hearing).

Also, WGED, Radiomarine Corp. of America, Ship SC.B Tampico, owned by the Texas Co., authority to operate radio equipment on board SC.B Tampico, sailing from Beaumont Texas, about Oct. 1st; WRDR, Twp. of Grosse Pointe, Grosse Pointe Village, Mich., C. P. for change location of transmitter locally in Grosse Pointe (police service); Mackay Radio & Telegraph Co.: WXLA, SS "City of Havre" (Ex SS "Victorious"), authority to use radio equipment on board SS "City of Havre", on trial trip Oct. 1st; W6XBK, Portable for use on San Francisco Bay & Los Angeles Harbor; and W6XD, Same Co., Palo Alto, Cal., renewal of special experimental licenses; KGWV, Fox Film Corp., portable, renewal of license, motion picture service; WNBZ Earl J. Smith & Wm. Mace, d/b as Smith & Mace, Saranac Lake, N. Y., renewal of license for a period of one month ending Nov. 1, 1931, pending receipt on renewal application;

Also, KFWB, Warner Bros. Broadcasting Corp., Hollywood, Cal., temporary renewal of license pending result of investigation which has not been concluded; W2XCZ, National Broadcasting Co., New York, portable, license, temporary broadcast pickup service, frequencies 2392 kc., 1584 kc., 7½ watts, to be used only after express authorization; W9XG, Purdue University, Lafayette, Ind., license for visual broadcasting; WNN, Tropical Radio Telegraph Co., Mobile, Ala., license for marine relay service; WBC, Pan American Airways, Inc., Scarboro, Me., aeronautical license, also, point-to-point aeronautical license; American Airways, Inc., NC-489-E, aircraft license;

Also, Aeronautical Radio, Inc.: at Ft. Worth, Tex., C. P. for aeronautical service; WSDO, Buffalo, N. Y., WEEJ, Jacksonville, Fla., WEEH, McRae, Ga., WSDG, Chicago, Ill., KGUK, Shreveport, La., WSDI, Cincinnati, Ohio, licenses for point-to-point aeronautical service; KGUK, Shreveport, La., WEEJ, Jacksonville, Fla., WEEH, McRae, Ga., WSDK, Memphis, Tenn., WSDG, Chicago, WSDO, Buffalo, N. Y., WAEB, Columbus, Ohio, and WNAK, Cleveland, O., aeronautical licenses; WSDB, Jackson, Miss., modification of aeronautical license for additional frequencies and change in hours of operation.

Action Taken September 28, 1931

KSEI, KSEI Broadcasting Association, Inc., Pocatello, Idaho, renewal of license, this application was heretofore set for hearing because their facilities had been applied for. This request has now been withdrawn, also because applicants had failed to comply with G.O.s 105, 111 and 115; they have now complied with these G.O.s, and hearing will be cancelled.

License Extended

WQDQ, WFO, WCQ, Ford Motor Co., Dearborn, Ill., Lansing, Ill. licenses extended to Oct. 30th pending decision on applications for renewal.

Set For Hearing

Plattsburg Broadcasting Corp., Plattsburgh, N. Y., requests C. P. for new station 1370 kc., 100 watts, share with WBGF; Frank E. Howe, Bennington, Vt., requests C. P. for new station 1290 kc., 50 watts, certain specified hours; R. E. Willson, Thurman Barrett, Henry Lee Taylor, d/b as Capitol Broadcasting Co., Austin, Texas, requests C. P. for new station, 1500 kc., 100 watts, share with KUT; Vernon Taylor Anderson, Big Spring, Texas, requests C. P. 1310 kc., 100 watts, share with KFPM; Universal Broadcasting Corp., Kearney, N. J., requests C. P. for television service; Sanabria Television Corp., Portable, requests C. P. for visual broadcasting service; The State University of Iowa, Iowa City, Ia., requests C. P. for visual broadcasting service; W2XDF, Faske Engineering Co., Brooklyn, N. Y., requests modification of C. P. (Spec. experimental service), for additional frequencies for television;

Hearings Dismissed

KOAC, Oregon State Agricultural College, Corvallis, Ore., station now complying with order requiring full use of facilities; KWSC, State College of Washington, Pullman, Wash., because application of KFPM, Spokane, for facilities of KWSC were withdrawn, KWSC to get regular license.

Hearing Granted

Power Oil Co., Macon, Mo., order of default on hearing Sept. 11th, rescinded and applicant granted hearing Oct. 6, 1931.

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Calendar Of Hearings

Oct. 6 - Harry Byron Lee, Lamar, Colo., C. P. 1310 kc., daytime, 100 w. Others Notified: KFUP, Denver, KFXJ, Grand Junction, Colo.
KFUP, Fitzsimons Gen. Hospital, U.S. Army, Denver, Colo., renewal of license 1310 kc., 100 w., share with KFXJ. Others notified, Harry Byron Lee, Lamar, Colo, and KFXJ. KFUP, Same, also voluntary assignment of license and C.P., and modification of C.P.
KFXJ, H. G. & Chas. Howell, Western Slope Broadcasting Co. Grand Junction, Colo., modification of license, 1310 kc., 100 w., unlimited time, at present shares with KFUP. Others notified: KFUP, Denver, and Harry Byron Lee, Lamar.

Oct. 7 - Monumental Radio, Inc., Baltimore, Md., C. P. 2000-2100, 2850-2950, 2100-2200, 2750-2850 kc., 500 w., unlimited time, visual broadcasting;
Hochschild, Kohn & Co., Inc., Baltimore, Md., C. P., visual broadcasting, 2850-2950 kc., unlimited time 500 w.

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PATENTS, PATENT SUIT, TRADE-MARK, AND DESIGN

The following patents were granted during the week ending September 29, 1931:

- 1,824,784. Communication System. Fred Benjamin Monar, Washington, D. C., Filed May 15, 1928.
- 1,824,803. Method And Apparatus For Receiving Wireless Signals. William M. Bruce, Springfield, Ohio. Filed April 30, 1928
- 1,824,805. Electrical Condenser. William Dubilier, New Rochelle, N. Y., assignor to Dubilier Condenser Corp., New York, N. Y. Filed March 19, 1926.
- 1,824,806. Electrical Condenser, William Dubilier, New Rochelle, N. Y., assignor to Dubilier Condenser Corp., New York, N. Y. Filed August 4, 1926.
- 1,824,819. Electrical Filter. Harry W. Houck, Mount Vernon, N. Y., assignor to Dubilier Condenser Corp., New York, N. Y. Filed May 17, 1926.
- 1,824,827. Radio Signaling System. DeLoss K. Martin, West Orange, N. J., assignor to American Telephone & Telegraph Co. Filed Sept. 25, 1925.
- 1,824,847. Phonograph Stop, Automatic. Emil Traub, Newark, N. J. Filed April 14, 1928.
- 1,824,999. Synchronizing Device. August Jipp, Berlin-Spandau, Germany, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Filed Nov. 5, 1926, and in Germany Nov. 6, 1925.
- 1,825,070. Radio Receiving Set. William J. Kayser, Little Rock, Ark. Filed November 13, 1929.
- 1,825,105. Inductance Coil For Radio Frequencies. Frederick Emmons Terman, Stanford University, Calif. Filed June 15, 1927.
- 1,825,232. Radio Receiving Loud Speaker. Walter H. Huth and Byron B. Minnium, Chicago, Ill., assignors to Story & Clark Radio Corp., Chicago, Ill. Original application filed October 9, 1928. Divided and this application filed September 15, 1930.
- 1,825,303. Radio Transmitting System. Clarence A. Boddie, Wilkesburg, Pa., assignor to Westinghouse Electric & Manufacturing Co. Filed January 29, 1927.
- 1,825,340. Electrooptic Cell, Noel Deisch, Washington, D. C. Filed June 15, 1927.

- 1,825,438. Photo-Electric Sound Recording or Reproducing, Aloysius J. Cawley, Pittston, Pa., assignor to Radio Corporation of America. Original application filed January 8, 1921. Divided and this application filed Sept. 16, 1929.
- 1,825,439. Sound Recording or Reproducing Apparatus. Aloysius J. Cawley, Pittston, Pa., assignor to Radio Corporation of America. Original application filed January 8, 1921. Divided and this application filed September 16, 1929.
- 1,825,440. Sound Recording or Reproducing Apparatus. Aloysius J. Cawley, Pittston, Pa., assignor to Radio Corporation of America. Filed original application Jan. 8, 1921. Divided and this application filed Sept. 16, 1929.
- 1,825,441. Sound Recording Process And Apparatus. Aloysius J. Cawley, Pittston, Pa., assignor to Radio Corporation of America, New York, N. Y. Filed January 8, 1921.
- 1,825,486. Scanning Disk. Alfred Orde Tate, Toronto, Ontario, Canada. Filed December 29, 1928.
- 1,825,487. Scannint Device. Alfred Orde Tate, Toronto, Ontario, Canada. Filed May 22, 1929.
- 1,825,511. Adjusting Or Tuning Device for Variable Condensers. James E. Denton, Irvine, Ky., assignor to one-fourth to John A. Wallace and Betty A. Wallace, Irvine, Kay. Filed January 4, 1930.
- 1,825,534. Tube Base Adapter. Aristote Mavrogenis, Milwaukee, Wis. Filed August 17, 1927.
- 1,825,548. Tube Testing Apparatus. Alan C. Rockwood and Warren R. Ferris, Schenectady, N. Y., assignors to General Electric Company. Filed April 30, 1929.
- 1,825,551. Electrical Recording. Robert Serrell, Haddon Heights, N. J., assignor to General Electric Co. Filed June 18, 1930.
- 1,825,561. Cone-Type Loud Speaker. John S. Timmons, Philadelphia, Pa., assignor to J. S. Timmons, Inc., Philadelphia, Pa. Filed December 9, 1926.
- 1,825,598. Process For Producing Combined Sound And Picture Films. Hans Vogt, Berlin-Wilmersdorf, Joseph Massolle and Josef Engl, Berlin-Grunewald, Germany, assignors, by mesne assignments, to American Tri-Ergon Corporation, New York, N. Y. Filed March 29, 1922, and in Germany April 14, 1921.

Patent Suit

1,128,292, E. H. Colpitts, Electric wave amplifier; 1,231,764, F. Lowenstein, Telephone relay; 1,426,756, R. C. Mathes, Circuits for electron discharge devices; 1,432,022, R. A. Heising, Circuit connections of electron discharge apparatus; 1,448,550, H. D. Arnold, Thermionic amplifier circuit; 1,504,537 same, Power limiting amplifying device; 1,483,273, D. G. Blattner, Circuit for heating the filaments of audions; 1,493,595, same, amplifying with vacuum tubes, D. C., W.D., N. Y., Doc. 7, Western Electric Co., Inc., et al., v. S. Wallerstein. Dismissed as to 1,231,764 and 1,483,273, decree for plaintiffs July 31, 1931.

Trade-Mark Registration Not Subject To Opposition

287,671. Vreeland Corporation, New York, N. Y. Filed August 17, 1929. "BAND SELECTOR" for Radio Receiving Sets. Claims use since about August 12, 1929.

Design

85,244. Cabinet For Radio Receiving Apparatus. Arthur Atwater Kent, Ardmore, Pa. Filed Sept. 4, 1930. Term of patent 7 years.

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