

# 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 :: :: CONFIDENTIAL—NOT FOR PUBLICATION. :: ::

RECEIVED  
OCT 3 - 1930

RELATIONS DEPARTMENT  
G. W. JOHNSTONE

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No. 373

## TUBE RULINGS ADOPTED

Radio station owners need not obtain construction permits to increase the number of modulator tubes they use, provided no change is made in the system of modulation, the Federal Radio Commission has ruled.

Other changes for which construction permits have been asked from time to time, but which, the Commission held, are not required, include:

"Substitution of vacuum tubes of one make for another in oscillator or last stage power amplifier which supplies power to the antenna, where both tubes are of the same rating as given in Table II of General Order 91.

"Increase in number of intermediate power amplifier stages.

"Changes in the tube complement in a stage other than the oscillator or last stage power amplifier.

"Changes in filament, grid bins or plate voltage power supply equipment.

"Additions to or change in temperature control of the crystal.

"Change in antenna or ground system, provided the Commission has not accepted field intensity or antenna in power by direct measurements as a basis of determining the operating power."

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## TWO FILM PRODUCERS SEEK STATIONS

Motion picture companies have found that radio is very useful in speeding production of films and in transmitting communications between parties "on location" and the organization headquarters, representatives of Paramount Famous Lasky Corporation and Fox Film Corporation testified at a Federal Radio Commission hearing this week.

The applicants sought licenses to erect short wave stations on the Pacific Coast. The Paramount application was filed by the Atlantic Broadcasting Corporation, of New York, a subsidiary of the Columbia Broadcasting System, which is half owned by the motion picture corporation.

Lt. E. K. Jett, short wave engineer of the Commission, testified that the channels sought by the Fox Company are not well adapted for the type of work in which they would be employed.

On the frequency of 3,256 kilocycles there are some 100 experimental stations already licensed, he declared while the 6,512 kilocycle channel is assigned for maritime service. He declared that the type of service specified by the company is in the nature of "private point-to-point communication", conflicting with the public utility policy of the Commission.

There is really a "close affinity between sound and radio", Saul E. Rogers, general counsel for Fox, stated. Explaining that his company has established a staff of radio engineers and experts for the perfection of "talkies", Mr. Roger said that any improvements his company may make in the development of this phase of acoustics will be made available to the radio industry.

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#### PACENT ACQUIRES REMOTE CONTROL DEVICE

The Pacent Electric Company, of New York, has announced that it has acquired world-wide rights to the new remote control invention of Oscar P. Liebreich.

The invention, which is said to be applicable to all receiving sets, enables a listener to operate a receiver by pressing one or two electric buttons and observing a graduated scale.

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#### HEARST TAKES SHOT AT HOOVER

The following appeared in "Dial Flashes" written by Robert D. Heinl, in the Washington Post:

"William Randolph Hearst's being invited by M. H. Aylesworth, President of the NBC, to tell his side of his expulsion from France, during which President Hoover came in for a verbal scorching, caused some surprise in Washington because of the recent bitter attacks of the Hearst papers on the Radio Corporation of America, which is the parent company of the NBC.

"It was the first appearance of Mr. Hearst on the radio and at the beginning he appeared to be suffering from microphone fright. Signs of this disappeared as the speaker, seeming to forget about the radio, warmed up to his subject.

"From then on Mr. Hearst's remarks fairly sizzled and there was no doubt in the minds of listeners, whom the editor was referring to when he caustically commented upon the official silence in the Capital following his expulsion."

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## SOVIET RUSSIA PLANS HUGE NETWORK

The Soviet Government is planning to construct a radio broadcasting chain of 62 stations covering the entire territory of Russia, the Department of Commerce has been officially informed.

Construction of the network is a part of the revised five-year program, which also includes the extension of telegraph, telephone and postal communication systems.

Technical institutes for the construction of persons to operate the new systems are also reported being organized. The capital investments required for the revised program, according to Soviet information, will total 1,366,000,000 rubles or approximately \$683,000,000 for the five-year period ending September 30, 1933.

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## EDITOR RESENTS DAVEY TREE INQUIRY

Information requested in a questionnaire to radio editors by L. L. Poe, Adversiting Manager of the Davey Tree Expert Company was resented by Talbot Patrick, editor of the Goldsboro (N.C.) News-Argus, according to a story in the current issue of the Editor & Publisher.

Mr. Patrick asked Mr. Poe if his request in sending him the questionnaire was fair.

"We frequently receive announcements about your radio advertising programs, for which use of the radio we believe you pay," Mr. Patrick wrote.

"Now we have a request from you for service by answering a questionnaire about broadcasting stations.

"Are you fair?

"Our organization is maintained mainly on payments to us by advertisers. Within the recollection of the writer we have never received a paid advertisement from you, and never carried a line of that which you hope to get into our news columns without payment.

"We are glad to serve those who help us live, but we are not donating to what a tree expert might call fungi."

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## COMMISSION MOVES TO RECOVER SHORT WAVES

The Federal Radio Commission on September 29th adopted General Order No. 95 and took steps to recover the moot 40 short wave channels that it formerly assigned to Universal Wireless Communications Company, Inc. The new order gives the Commission authority to revoke the licenses of any station which becomes insolvent.

Whether the Commission will declare the Universal and Intercity Radio Telegraph licenses forfeited at once or will wait until the short wave appeals of RCA Communications, Inc., and the Mackay Radio and Telegraph are heard has not been decided, Col. Thad Brown, General Counsel of the Commission, said October 2nd.

There is some dispute, he said, between the attorneys involved as to whether or not the channels in question can be held up by the court because Universal Wireless has not formally entered the litigation.

RCA, Mackay and Press Wireless, Inc., have already filed supplemental briefs in the District Court of Appeals indicating their intentions of making a fight for the coveted frequencies.

The text of General Order No. 95 follows:

"For the purpose of giving the Federal Radio Commission more accurate information concerning radio stations, for the prevention of violations of Section 12 of the Radio Act of 1927, as amended, and further to give effect to other provisions of the law,

"IT IS HEREBY ORDERED;

"(1) That all applications for consent to the assignment of a construction permit or license shall be made upon forms prescribed by the Commission setting forth such facts as are necessary to show that the assignee is eligible and qualified to receive a construction permit or license and that the continued operation of the station will be in the public interest. Where the assignment is voluntary, the application shall be executed in duplicate by both assignor and assignee, and duplicate verified copies of the sale or lease contract shall be attached to such application and made a part thereof. Such contract shall provide that the assignee will have complete control of the station equipment and apparatus and of its operation, including unlimited supervision of programs to be broadcast from the station, and shall be subject only to the consent of the Commission; where involuntary, it shall be executed by the assignee and shall, in addition, set forth the nature of such involuntary assignment, and a certified copy of the court order or legal instrument by which assignee has obtained such right;

"(2) That the insolvency of the licensee of any radio station shall be grounds for the revocation of the station license and/or the refusal of the renewal thereof. The appointment of

receivers upon grounds of insolvency and preliminary adjudications of bankruptcy will be considered by the Commission as prima facie proof of insolvency. Final adjudications will be accepted as conclusive;

"(3) That a violation of any of the provisions of this order will be deemed grounds for the revocation of station license, under Section 14 of the Radio Act of 1927, as amended, or for denial of the application for renewal of the station license held by a licensee so violating any provision of this order;

"(4) That General Order No. 9 is repealed."

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#### CROSLEY PLAN MAY BE BLOCKED

The ambitious plan of the Crosley Radio Corporation to organize an extensive network of college and university stations for the purpose of rebroadcasting educational programs relayed from Station WLW, Cincinnati, via Crosley short wave station W8XAL, may be blocked by the Federal Radio Commission.

The Commission has unofficially let it be known that the scheme is contrary to the policy of the Federal regulatory body to permit the use of a trans-oceanic channel, such as has been assigned to W8XAL, for domestic purposes. The license to operate on 8080 kilocycles was granted to Crosley for the interchange of foreign programs only.

The Crosley Company recently informed the United States Office of Education that Station WLW had secured the promise of land grant colleges and universities in the Middle West to rebroadcast programs from the Ohio School of the Air. W8XAL, a 10,000 watt station, would be powerful enough, it was said, to relay the program to all parts of the country so that any educational station might rebroadcast it.

General Order No. 68 of the Commission specifies that no station engaged in relay broadcasting shall allow other broadcasting stations in the United States to rebroadcast its programs without the written consent of the Commission.

As yet no such consent has been obtained by the Crosley Company.

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: BUSINESS LETTER BRIEFS :  
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Dr. John Wesley Hill, Chancellor of Lincoln Memorial University, appeared before the Federal Radio Commission on Sept. 30 in behalf of interests seeking to build a 100-watt station at Middleboro, Ky., for the enlightenment of the Appalachian mountaineers. Unlimited time on 1420 kilocycles is sought.

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Judge C. R. Luhring, of the District Supreme Court, signed an order September 30th continuing until October 4th the temporary restraining order in the case of WISJ, of Madison, Wis. WBBM recently obtained a temporary injunction on the Radio Commission to prevent the Madison station from using the 780 kilocycle channel.

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The General Radio Company of Cambridge, Mass., has just issued its September Bulletin listing apparatus, parts, and accessories for radio service men, amateurs, experimenters, sound technicians, and custom set builders.

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The Noise Abatement Commission has just issued a voluminous pamphlet under the heading "City Noise." It contains the results of the body's extensive investigations of the causes of noise in New York. A great deal is said about radio. Copies may be obtained from the New York City Health Department.

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The following has been received from ARCO Hour through Fred Baer, of New York, its press representative:

"Beginning next week the Trumpeteer Salute to birthday guests which is sent at nine twenty-three o'clock every Thursday evening as part of the birthday party program WEA and coast to coast network, will be broadcast from atop the illuminated tower of the American Radiator Building in Times Square, New York.

"These birthday heralds of good will heard heretofore from the studio will thus be put on the actual scene of the celebration and facing westward will send their message of cheer across the land."

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General Order No. 84 has been amended by the Federal Radio Commission so as to bring the status of the amateur stations up to date in accordance with rules formerly adopted.

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Thomas P. Littlepage, a director of the Washington (D.C.) Chamber of Commerce, made several addresses over Stations WRC and WMAL this week in behalf of the "Five Year Expansion Program of the District of Columbia." Mr. Littlepage, in addition to being active in civic affairs, is also counsel for Stations WBBM, WFBM, and others.

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A novel antenna supporting mast is being planned for the new WABC transmitter which Columbia is to erect in Wayne Township, N. J. It is to be a 700-foot steel tower with the antenna wire proper hanging down inside the metal lattice-work construction. Greater clarity is promised by this system of broadcasting.

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According to Bond Geddes, exhibitors at the close of the N. Y. Radio Show felt optimistic for business prospects for the season of 1930-31 and are expecting a "fair" selling season.

"Some substantial orders were placed and the attitude of the public points in general to a gradual rise in trade", said Mr. Geddes. "The set makers are proceeding cautiously, however, to avoid over-production of sets and its consequences. The latter days of the radio show were very well attended. Large numbers of visitors viewed the receiver models. This was accepted as a good omen alike by set makers, dealers, jobbers and the show sponsors."

Official figures of attendance have not been computed yet and it is uncertain just when they will be available.

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Joseph Littau, musical director of the Roxy Theatre, has been engaged as conductor of the Omaha Symphony Orchestra for next season, to succeed Sandor Harmati.

Though born in New Jersey, Littau has lived in N. Y. most of the time. His conducting of standard symphonic works during the Sunday broadcasts of the Roxy Symphony Orchestra has brought him favorable notice from many sources.

Mr. Littau will continue at the Roxy until Oct. 2. So far no successor has been announced.

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Floyd Gibbons has been replaced on the Literary Digest broadcast by Lowell Thomas, writer and lecturer. No reason has been given for this officially excepting that Gibbons contract has expired.

It was learned from other sources that the former war correspondent set too high a figure of continuance for the magazine people to meet.

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## SOUTHERN STATIONS ARE HEARD

Two motions that all of the cleared channels be opened to super-power broadcasting stations and the willingness of two stations to share time on the same frequency featured the hearings of 50,000 watt applicants from the Third, of Southern, Zone this week.

Louis G. Caldwell, general counsel of Station WSM, Nashville, and Horace L. Lohnes, counsel for Station KVOO, Tulsa, Okla., separate proposals to that effect. Both were objected to by Ben S. Fisher, Assistant General Counsel for the Commission, on the ground that the question was one for the Federal Radio Commission to decide rather than the Chief Examiner Ellis Yost.

Station WAPI, of Birmingham, Ala., and KVOO each obtained consent to alter their applications so that they might continue their time-sharing arrangement on 1140 kilocycles instead of battling each other for unlimited time, should they be granted the maximum power.

Representatives of both Stations WAPI and WSB, of Atlanta, testified that they needed more power to overcome the interference to broadcasting caused by deposits of minerals and ore that underlie much of the southern soil in their areas.

Witnesses for WBT, Columbia's station at Charlotte, declared that nearly 2,000,000 listeners in North and South Carolina would be added to the station's clientele should it be granted 50,000 watts. Stations WREC-WOAN were also heard.

Although there were six applicants for the maximum wattage, only two stations from the Third Zone would be entitled to the increase under the present plan of utilizing only 20 of the 40 cleared channels for super-power broadcasting.

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## APPLICATIONS RECEIVED BY FEDERAL RADIO COMMISSION

September 29 - WDEL, WDEL, Inc., Wilmington, Del., modification of C. P. to extend completion date on C. P. to Dec. 25, 1930; WHN, Marcus Loew Booking Agency, New York, N. Y., license to cover C. P. issued 8/15/30 to change equipment; WSEN, Columbus Broadcasting Corp., Columbus, Ohio, license to cover C. P. issued 9/9/30 to move transmitter and studio locally, install new equipment and increase power from 50 watts to 100 watts; applicant requests authority to use old equipment as an auxiliary transmitter; WSAN, Allentown Call Publishing Co., Inc., Allentown, Pa., modification of license to increase power from 250 w. to 500 watts on 1440 kc.; KGBX, KGBX, Inc., St. Joseph, Mo., modification of C. P. to extend completion date on C. P. to Oct. 31, 1930; KMC, KMO, Inc., Tacoma, Washington, modification of C. P. to extend commencement and completion dates on C. P. to 9/10/30 and 1/30/31 respectively;



KMED, Mrs. W. J. Virgin, Medford, Oregon, application amended to request 580 kc., instead of 1060 kc., with 500 watts; KFXM, J. C. Lee and E. W. Lee (Lee Bros. Broadcasting Company), San Bernardino, California, request to amend application so as to make changes in proposed equipment.

September 30 - WSYR, Clive B. Meredith, Syracuse, N. Y., request for authority to install automatic frequency control; also C. P. to move transmitter to Greenpoint, Town of Salina, N.Y., consolidate WSYR and WMAC, and operate unlimited hours on 570 kc., with 250 w.; WMAC, Clive B. Meredith, Cazenovia, N. Y., C. P. to change transmitter location from Cazenovia to Salina, N.Y., studio from Cazenovia to Syracuse, N. Y., change time to unlimited and thereby consolidate WSYR and WMAC, using WSYR's equipment; WRBI, Charles A. Kent and Milton U. Kent, d/b as Kent's Furniture & Music Store, Tifton, Ga., amended for changes in equipment and to request 100 w. day and night instead of 250 w. day and 100 w. night on 1310 kc.; KROW, Educational Broadcasting Corp., Oakland, Calif., amended to omit request in power, making application for change in equipment only; KPO, Hale Bros. Stores, Inc., and the Chronicle Publishing Co., San Francisco, Cal (transmitter same location), C. P. to move transmitter outside of San Francisco, install new equipment, and increase power from 5 KW to 50 KW on 680 kc.; also, modification of license to increase power from 5 KW to 50 KW.

October 1 - WDRG, The Doolittle Radio Corp., New Haven, Conn., modification of C. P. to request approval of transmitter and studio locations selected in Bloomfield, Conn., and Hartford, Conn., respectively; WTAX, Williams Hardware Co., Streator, Ill., request for authority to voluntarily assign license to WTAX, Inc.; WTMJ, The Journal Co. (The Milwaukee Journal) Milwaukee, Wis., modification of license to increase power from 2½ KW day and 1 KW night to 50 KW and change frequency from 820 kc. to 870 kc.; KNX Western Broadcast Co., Hollywood, Cal., modification of C. P. to extend completion date on C. P. to Jan. 1. 1931; A. E. Hodges, Boone, N. C., C. P. to erect a new station to use 1500 kc., 15 W., and unlimited hours; C. L. Morris, P. E. Morris, G. E. Wray, and O. W. Wray, Almena, Kans., C. P. to erect a new station to use 1420 kc., 100 w., and daytime hours; KFXJ, R. G. Howell, Edgewater, Colo., request for authority to voluntarily assign license to R.G. Howell & Chas. Howell, d/b as Western Slope Broadcasting Co., also C. P. to move transmitter and studio of KFXJ from Edgewater to Grand Junction, Colo., change equipment, increase power from 50 W. to 100 w. and change hours from sharing with KFUP to unlimited.

#### Applications Other Than Broadcasting

September 30 - City of Milwaukee, Police Dept., Milwaukee, Wis., new C. P. for 2410-2470 kc., 300 watts, limited commercial police service; WRDU, Fire Dept. City of New York, Brooklyn, N. Y., modification of C. P. for extension of completion date to 10/15/30; WLOXF, Chicago Daily News, Inc., Airplane X0855E, renewal of experimental aircraft license for 400, 1608, 6335 kc., 200 watts; WJA, Press Wireless, Inc., Chicago, Ill., renewal of limited public license for 7955, 15910, 7355, 15760 kc., 5 KW; WTL, Mackay Radio & Telegraph Co., Inc., Sayville, N. Y., modification of limited



public license for 52 Mackay frequencies, 5 KW to cover four new transmitters; Jimmie Angel, Airplane R-3622, new license for aircraft on 3256 kc., 50 watts, to be used in proposed endurance flight; KHU, Radiomarine Corp. of America, Warren Alaska, and KDJ, Daly, Alaska, licenses to cover C. P. for 500, 460, 222, 272 kc., 50 watts, coastal and limited public service.

October 1 - W6XG, General Electric Co., Portalbe, renewal of experimental license for 790 kc., 10 KW; KSA, Globe Wireless, Ltd., Edmonds, Wash., license to cover C. P. for 500, 460, 5525, 11050, 16580, 22100, 4116, 6515, 8630, 11020, 11080, 11140, 11200, 16900, 22160 kc., 1500 watts, coastal service; KJJ, G. E. Maddox, near Ketchikan, Alaska, license to cover C. P. to 460, 500, 274 kc., 50 watts, limited public and coastal service; KWO, American Telephone and Telegraph Co., near Sacramento, Calif., modification of C. P. for change in frequencies to 7570, 7610, 10840, 15360, 21060, 21170 kc.

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### DECISIONS OF THE FEDERAL RADIO COMMISSION

The following applications were granted on September 30:

KSTP, National Battery Broadcasting Co., St. Paul, Minn., granted modification of C. P. to extend completion date to Dec. 20, 1930; WHBL, Press Publishing Co., Sheboygan, Wis., license 1410 kc., 500 watts, to share with KFLV; KGTM, Aeronautical Radio, Inc., Avalon, Catalina Island, Cal., C. P. for new phone transmitter frequencies 3070, 3460 kc., blue chain, 50 w. power, daylight only; Aeronautical Radio, Inc., Harrisburg and Pittsburgh, Pa., Springfield and Robertson, Mo., Newark and Camden, N. J., C. P.'s for 6 new stations, frequencies 393, 400, 414, 420 kc., 100 w., A3 emission to communicate with aircraft on blue chain; license when issued to expire 12/31/30; W2XBS, National Broadcasting Co., Inc., Portable, initial location, 411 Fifth Ave., New York, C. P. to change location of transmitter from 411 5th Ave. to 214 W. 42nd St., New York City, 2100-2200 kc.; WJK, Press Wireless, Inc., Needham, Mass., C. P., frequencies 7370, 7835, 15670, 15880 kc., 150 watts power, A1 and A2 emission; to communicate with Halifax, New York, London, Rome, Paris, Stockholm and all other stations of Press Wireless (this covers additional transmitter); WPDH, City of Richmond, Police Dept., Richmond, Ind., modification of C. P. to change location of transmitter locally in Richmond, also granted license on 2416 kc., 50 watts; KGUG, Aeronautical Radio, Inc., Big Springs, Texas, license 278 kc., power not to exceed 15 watts; 3484, 5600 kc., power 250 3. brown chain frequencies.

Also, KPS, Radiomarine Corp. of America, Lazy Bay, Alaska, license coastal calling 500 kc - working 425 kc.; point to point 353 kc., with NPS government station at Kodiak; 252 kc.; with WZF, Squaw Harbor; 222 kc. with other stations in same vicinity, 200 watts; RAA, Radiomarine Corp. of America, Annette Island, Alaska, license to cover C. P. 500 kc., coastal - calling - working 425 kc., point to point 274 kc., with signal corps WXH, Ketchikan, 256 kc., with other cannery stations, 200 w.; KWR, Port Moller, Alaska, license

coastal calling 500 kc -- working 425 kc., point to point 252 kc., with WZF, Squaw Harbor, 222 kc., with other commercial stations in Alaska, 200 w. power; K7XF, A. A. McCue, portable on M/V "Kiska" in vicinity of Boc de Quadra, Alaska, license 1604, 2398, 3256, 4795, 6425, 8650, 12850, 17300 kc., 50 watts, 6 A. M. to 11 P. M., license to expire Oct. 31st; WPDE, City of Louisville, Louisville, Ky., license 2440 kc., 200 watts; Boeing Air Transport, Inc., Airplane NC-2228M license 3106 national calling and working freq. for all itinerant aircraft, 3172-5660 Red Chain frequencies, 50 watts; Airplane NC-234-M, license as above; KFM, Sacramento, Cal., consent to voluntary assignment of license to Aeronautical Radio, Inc.;

Also, Varney Air Lines, Inc., Airplane NC-10338, license 3106 kc., 50 watts; W2XAV, Bell Telephone Labs., Inc., Portable, Ocean Twp., N. J., modification of license 1604 kc., plus or minus 3 per cent for a period of not to exceed 30 days; 500 w. power; KGSX, Aeronautical Radio, Inc., San Diego, Cal., renewal of license 278 kc., power 10 w.; 3088, 3460, 6350, and 8015 kc., day only, 12180 kc. day only, blue chain frequencies, 500 watts; WLXQ, American Tel. and Tel. Co., Bradley, Me., renewal of license 50 to 75 kc., except 51, 54, 56, 58, 64, 66, 68, 72 and 75 kc.; 25 KW for 90 days; WIXR, Same Co., portable in State of Maine, renewal of license 50 to 70 kc. except 51, 54, 56, 58, 64, 66, 68 kc., 1 KW for 90 days; WQV, RCA Communications, Inc., Rocky Point, N. Y., renewal of license 14800 kc., 1 transmitter 80 KW, 1 transmitter 80 KW, A1, A2 and A3 emission, to communicate with Havana, and other stations, WKQ, Same Co., renewal of license as above, except points of communication - Paris, Curacao, Maracaibo, Panama and other stations; W9XAO, John S. Boyd, Chicago, Ill., request to operate for 30 days on 2750-2850 kc., for experimental tests only during simultaneous transmission with station W9XAP; W8DIR, William H. Allen, Elmira, N. Y., request to use portable amateur station for 10 days ending Oct. 9th, frequencies 3500 to 3550 kc., 1.5 watts power.

Also, Pan-American Airways, Inc.: KHFEV, Airplane NC-147-H, renewal of license 333 kc., International calling freq. not to be used within the continental limits of the U.S., 500 kc.; 3106 National calling and working freq. for all itinerant aircraft; 414 kc working freq. for aircraft on sea flights; 2662, 3070, 5690, 8015 kc., day only, Yellow Chain; KHFKS, Airplane NC-812-H, and KHFFU, renewal of license 333 kc., International Air calling freq. not to be used within continental limits of U.S., 500 kc., national calling and distress frequencies for ships and aircraft over seas; 3106 natl. calling and working freq. for all itinerant aircraft; 414 kc., working frequencies for aircraft on sea flights; 2662, 3070, 5690 and 8015 kc. day only, Yellow Chain frequencies 12 w.

Set For Hearing:- WJAY, Cleveland Radio Broadcasting Corp., Cleveland, Ohio, requests C. P. to change location of studio and transmitter, install new equipment, change frequency from 610 to 590 kc., increase power from 500 to 1000 watts, and change time from daytime to unlimited; Herschel W. Ward, Parma, Mo., requests J. P. for new station on 1370 kc., 50 watts, daytime; J. C. Johnson and Everett M. Peck, Jackson, Miss., requests C. P. for new station on 1330 kc., 250 watts, unlimited time; Perkins Bros. Co., (The Sioux City Journal), Sioux City, Ia., requests C. P. 2100 kc., 1 KW.

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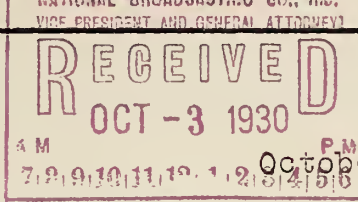
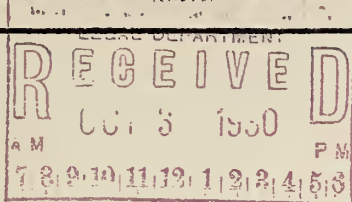
# HEINL RADIO BUSINESS LETTER

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.** ::



No. 373

October 3, 1930.

## PATENTS, TRADE-MARKS, PATENT SUITS, DESIGNS

The following patents were granted during the week ending September 30, 1930:

- 1,776,821. Automatic Volume Control System. Maurice E. Strieby, Millburn, N. J., assignor to American Telephone and Telegraph Company. Filed May 21, 1927.
- 1,776,822. Automatic Volume-Control System. Maurice E. Strieby, Millburn, N. J., assignor to American Telephone and Telegraph Company. Filed May 21, 1927.
- 1,776,902. Sound Amplifier. Ercell B. Harrison, Pasadena, Calif., assignor to Louis Adolph Schmuck, Pasadena, Calif. Filed Nov. 29, 1926, Renewed Feb. 12, 1930.
- 1,776,905. Cabinet Phonograph. Frank C. Hinckley, Stratford, Conn., assignor to Columbia Phonograph Company, Inc., Bridgeport, Conn. Filed August 14, 1928.
- 1,776,969. Apparatus For Producing Unitary Motion Pictures and Sound Record Films. Earl H. Foley, Astoria, Long Island City, N. Y., assignor of ninety-nine per cent to Sound Films Corporation, Tacoma, Wash. Substitute for application Serial No. 21, 376, filed April 7, 1925. This application filed September 28, 1929.
- 1,776,987. Electric Phonograph. Adolph A. Thomas, New York, N. Y. Filed October 8, 1926.
- 1,776,993. Photo-Electric Cell and Process of Producing the Same. Robert C. Burt, Pasadena, Calif., assignor to California Institute of Technology. Filed May 26, 1926.
- 1,777,011. Vacuum Tube. Edmund Guyer Murphy, Chicago, Ill. Filed November 28, 1927.



- 1,777,016. Electrooptical Image-Producing System. Ralph K. Potter, New York, N. Y., assignor to American Telephone and Telegraph Company. Filed May 19, 1928.
- 1,777,022. Apparatus for Exhausting Tubes. Gerrit Van Der Hoeven, Paris, France, assignor to Radio Corporation of America. Filed October 26, 1927, and in the Netherlands October 29, 1926.
- 1,777,036. Magnetic Pick-Up For Phonographs. Ciriaco Y. Coronel, Manila, Philippine Islands. Filed March 6, 1929.
- 1,777,037. Binaural Recording and Reproducing Sound. Lee de Forest, New York, N. Y., assignor to de Forest Phonofilm Corporation, New York, N. Y. Original application filed November 27, 1926. Divided and this application filed August 4, 1928.
- 1,777,042. Air Condenser. Fred H. Kroger, Brooklyn, N. Y., assignor to Radio Corporation of America. Filed May 2, 1924.
- 1,777,118. Acoustic Device. Henry C. Harrison, Port Washington N. Y., assignor to Bell Telephone Laboratories, Inc., New York, N. Y. Filed October 4, 1928.
- 1,777,170. Acoustic Device. Colin Kyle, San Jose, Calif., assignor, by mesne assignments, to United Reproducers Patents Corporation, St. Charles, Ill. Filed March 12, 1928.
- 1,777,253. Oxide Cathode. Johannes Bruijnes, Jacob Van Der Hoeven, and Ekko Oosterhuis, Eindhoven, Netherlands, assignors to N. V. Philips' Gloeilampen-Fabriken, Eindhoven, Netherlands. Filed February 26, 1927, and in the Netherlands April 6, 1926.
- 1,777,271. Electromagnetic Sound Reproducer. Walter C. Anderson, Glen Rock, N. J., assignor to Brandes Laboratories, Inc., Newark, N. J. Filed June 12, 1928.

#### Patent Suits

- 1,622,814. F. J. Seabolt, Phonograph, filed May 21, 1930, D.C., N. D. Ill., E. Div., Doc. 9838. The Capehart Corp. et al. v. Western Electric Piano Co.
- Re. 15,278, I. Langmuir, electron-discharge apparatus, D. C., E. D. N. Y., Doc. 4708, Radio Corp. of America et al., v. G. J. Seedman Co., Inc. Consent decree dismissing bill without prejudice March 4, 1930.

## Trade-Marks

- Ser. No. 303,016. Frederick J. Vondenbosh, Los Angeles, Calif. Filed June 30, 1930. Trade-Mark: "Sunset" for Radio Grounds, Radio Aerials, Selective Radio Aerials, Selective Radio Grounds, and aerial mountings. Claims use since May 20, 1928.
- Ser. No. 303,907. The Kiel Furniture Co., Milwaukee, Wis. Filed July 28, 1930. "Golden Voiced" for Radio Apparatus, and specifically radio receiving sets. Claims use since July 17, 1930.
- Ser. No. 304,550. French Battery Company, Madison, Wis. Filed August 13, 1930. "Ray-O-Vac Autoradio" for Dry-Cell Batteries. Claims use since April 15, 1930.
- Ser. No. 304,612. French Battery Company, Madison, Wis. Filed August 14, 1930. "Ray-O-Vac" "Auto Radio" for Dry-Cell Batteries. Claims use since April 15, 1930.
- Ser. No. 295,284. Weber Machine Corporation, Rochester, N. Y. Filed January 27, 1930 "Syncrodisk" representing handwriting. The lining of the drawing indicates the color red. For Phonograph Disc Turn Tables Adapted for Electrical Operation and for synchronization with picture films. Claims use since July 28, 1929.
- Ser. No. 299, 471. Sol G. Stern, Brooklyn, Filed April 25, 1930. "Defender" for musical instruments and supplies consisting of phonograph records, phonographs; phonograph apparatus for recording and reproducing sounds - namely, sound-recording machines and reproducing phonographs; automatic musical instruments of the character known as multiple-playing phonographs; also the following accessories therefor - namely, needles, Mechanical phonograph motors, reproducers, recorders, diaphragms, needle cups, horns and tone arms; phonograph records, both recording and reproducing; and record envelopes and albums. Claims use since about April 1, 1930.
- Ser. No. 304,276. Electra Corporation, Chicago, Ill. Filed August 6, 1930. "Electra" for phonograph record changers and repeaters. Claims use since May 26, 1930.

## Trade-Mark Registrations Granted

- 275,749. Radio Receiving Sets, Radio Battery Units, and Attachments and Parts for Adapting Radio Sets for use with farm power systems. Lysle G. Tatro, doing business as L. Tatro Manufacturing Co., Decorah, Iowa Filed March 26, 1930. Published July 15, 1930.
- 275,835. Radio Tubes - namely Receiving and Transmitting Tubes. Heintz and Kaufman, Ltd., San Francisco, Calif. Filed May 30, 1930. Published July 15, 1930.

275,837. Radio Receiving Sets and Parts Thereof. Galvin Manufacturing Corporation, Chicago, Ill. Filed May 26, 1930. Published July 15, 1930.

Designs

- 82,164. Radio Control Device. William P. Lear, Chicago, Illinois, assignor to Galvin Manufacturing Corporation, Chicago, Illinois. Filed July 14, 1930. Term of patent 14 years.
- 82,165. Radio Control Device. William P. Lear, Chicago, Ill., assignor to Galvin Manufacturing Corporation, Chicago, Illinois. Filed July 14, 1930. Term of patent 14 years.
- 82,206. Cabinet For Radio Receiving Apparatus. Arthur Atwater Kent, Ardmore, Pa. Filed May 26, 1930. Term of patent 7 years.
- 82,207. Cabinet for Radio Receiving Apparatus. Arthur Atwater Kent, Ardmore, Pa. Filed May 26, 1930. Term of patent 7 years.

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