

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 :: :: **CONFIDENTIAL—NOT FOR PUBLICATION.** :: ::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. 505

NBC NEW ACCOUNTS AND RENEWALS

The following new advertising accounts and renewals are reported by the New York Sales Department of the National Broadcasting Company:

Nivea Cream (P. Biersdorf Company, 200 Hudson St., New York City), through the Federal Advertising Agency renews with a contract for thirteen weeks beginning January 29th over WJZ only, Monday and Friday, 10:00 to 10:15 A.M. with a program listing as follows: "Everyday Beauty" - Eileen Douglass - talk - baritone soloist - piano.

Benjamin Moore & Company (paints and varnishes, 511 Canal Street, New York City), renews their contract (no agency) beginning January 29th on Friday, 4:00 to 4:15 P.M. over NBC - WEAJ network including the following stations: New York, Hartford, Providence, Worcester, Portland, Philadelphia, Baltimore, Washington, Schenectady, Buffalo, Pittsburgh, Cleveland, Detroit, Cincinnati, Chicago, Davenport, Des Moines, Omaha, Kansas City, Minneapolis-St. Paul, Duluth-Superior, Fargo, Bismarck, Madison, Raleigh, Jacksonville, Tampa, Miami, Louisville, Atlanta, Oklahoma City, Hot Springs, Houston, San Antonio. The program listing is to be "Decorating Notes - Betty Moore" - talks on interior decorating.

The Frigidaire Corporation of Dayton, Ohio, through the Geyer Company (agency) of the same city renews with a contract for twenty-two weeks starting February 7th on Sunday, 7:15 to 7:30 P.M. over an NBC-WJZ network including the following stations: New York, Boston, Springfield, Baltimore, Rochester, Pittsburgh, Cleveland, Detroit, Cincinnati, Chicago, St. Louis, Omaha-Council Bluffs and Kansas City. The program is to be listed as "The Frigidairians" - Harry Reser and his orchestra (15 men) with Mr. C. B. Driscoll speaking briefly on the history and origin of girls' names with a short biography of famous women who bore these names.

Stephen F. Whitman, Inc. (Candy) of Philadelphia, Pa. through F. Wallis Armstrong Co. (Agency) of the same city - a new account contracted for thirteen (13) weeks on NBC-WEAJ network (Basic) starting Friday, February 12 from 10 to 10:30 P.M. with a program consisting of Andy Sanella, orchestra and Fred Hufsmith, tenor.

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OHIO PROTESTS EDUCATIONAL ALLOCATION

Attorney General Bettmann, of Ohio, has filed exceptions to the report of the Radio Commission's Examiner in a division of time between WEAO, Ohio State University, and WKBN, a commercial station at Youngstown.

"This case will establish the precedent as to whether or not radio with its potential educational and cultural possibilities shall be debauched by commercial interests and prostituted upon the alter of financial gain", the Attorney General declared. "It will establish the turning point in a national policy, and the State of Ohio should be heard."

Declaring the Commission's Examiner was biased in favor of commercial broadcasting, the Attorney General of Ohio continued:

WEAO is seeking a continuance of the present schedule of hours on the air and a few additional hours, which together constitute less than half of the time shared with the Youngstown station. The Examiner's report recommends that all evening hours after 7 o'clock be given to the Youngstown station, and that additional daytime hours wholly unsuitable for educational programs such as are put out in a large measure by the university, be given to WEAO, such for instance as Sunday hours, when the station has been silent since its establishment nine years ago."

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ATWATER KENT RELIEF PLAN AIDS 3500

A. Atwater Kent's 6-week-old project for the relief of his former employees in need, is now aiding more than 3,500 persons.

Under the supervision of the Atwater Kent Foundation, Inc., with headquarters at the company's plant, 4700 Wissahickon Ave., food and fuel are being supplied. The plan benefits former employees who were in the service of the Atwater Kent Manufacturing Co. after December 1, 1929, and who, altogether, served one year, either before or after that date.

In addition to the relief work, the company last week took back to the factory payroll more than 150 former employees who were out of jobs and in need, as factory production was stepped up. These reinstated workers and their families will continue to receive relief from the Foundation until their first pay day.

Where need for relief is established the Foundation sends orders for food, milk and fuel. Most of these cases are given attention within 24 hours.

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BROADCAST ADVERTISING GAINS 33%

Broadcast advertising continued its upward climb in 1931, according to the Editor and Publisher, the National and Columbia systems together showing a gain of 33.1 per cent in charges for time. This percentage, however, was smaller than in previous years. Figures given by National Advertising Records for the two large systems (not including cost of talent) are: Year 1931, \$35,791,999; year 1930, \$26,815,746; year 1929, \$18,792,571, year 1928, \$10,252,497.

A portion of a Standard Statistics report in regard to magazine advertising in 1931, read:

"Of the major advertisers in this magazine field, radio, and machinery and mechanical supplies led the decline, with expenditure shrinkages of about 50 per cent each; automotive advertising dropped about 20 per cent, building 37 per cent, and house furniture and furnishings 25 per cent "

A study of broadcasting accounts indicates that radio advertising is finding its greatest usefulness in the field of articles purchased frequently and in small quantities. Foods and food beverages, drugs and toilet goods, and tobacco products showed the biggest gains this year, and accounted for more than half of the total expenditures in the air.

The extent of this concentration is shown by an analysis of the first eleven months' expenditures, recently issued by the research department of Dorrance, Sullivan & Co., New York advertising agency. According to this, food and food beverages had risen from \$4,643,915 to \$8,084,342; drugs and toilet goods from \$2,855,802 to \$5,404,617; cigars, cigarettes and tobacco from \$1,858,834 to \$4,759,807; confectionery and soft drinks from \$741,916 to \$1,217,422. Total for the eleven months was given as \$24,097,369 in 1930 and \$32,192,342 in 1931.

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RADIO SET SURVIVES CRASH

Rather a remarkable incident in connection with the crash of the airplane from which Lieut. Harry A. Johnson, Air Corps, of Selfridge Field, Mich., jumped, was the condition of the radio installed in the ship. Although the airplane was a total wreck, with practically nothing left of it which could be salvaged, the radio set with which it was equipped survived the crash. It was well shaken up when the plane hit the ground, but not even one tube was broken and, following some minor repairs, the radio set was serviceable again.

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CALDWELL PLACES ATTACK ON INDUSTRY

The following is a portion of an editorial by O. H. Caldwell, in a current issue of Radio Retailing:

"With the introduction of the Senate resolution calling for an investigation of advertising in broadcasting, with the move to take 15 per cent of the wavelengths for "educational institutions", and with the filing of Senator Dill's bill to destroy clear channels, the forces which would tear down the present wonderful radio system begin to get in their work.

"Lest the radio industry and trade itself share in these general attacks on the broadcasters, who are the very foundation of our business, Radio Retailing feels that it is time for plain talk.

"Where does the present attack come from?

"From certain newspaper interests which eye radio enviously as competition. From blocs claiming places in the air to disseminate their own propaganda.

"From politicians eager to fix their own political fortunes, by utilizing radio's popularity, and by getting close control over stations back home through the 15-percent grab of "educational" wavelengths, and from small stations envious of the greater service and popularity of the successful broadcasters."

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ULTRA-SHORT WAVE DEMONSTRATION SUCCESSFUL

Scientists and newspaper representatives in Pittsburgh witnessed a demonstration of a 42-centimeter-wave radio beam of sufficient power to be heard from a loud-speaker and, it was said, to penetrate the atmosphere and a distance of 30,000,000 miles beyond.

The test today was not for the purpose of securing extreme distance penetration or for the purpose of trying "to communicate with other planets", as had been reported. Instead the engineers at the Westinghouse Laboratories in East Pittsburgh conversed over the new beam from station W8XX on top of the Research Building to the roof of the Engineering Laboratory, more than a mile away, where a parabolic metal mirror gathered the waves and passed them through a special detector tube to a little ordinary radio receiving set, where they were amplified and made audible.

In a searchlight, the rays originate at one point, reflect from a parabolic surface and pass out in a narrow beam. In the newest radio achievement, the waves reverse this process by

by striking a parabolic mirror where they are reflected to a short antenna and detector tube located at a focal point corresponding to the source of a searchlight.

The new beam is dependable and is almost immune to theft, interruption and interference, it was declared. Its operation cannot easily be "jammed" or crippled by an enemy, since the beam must be found before its message can be detected and, by means of reflecting surfaces, it can be sent distances heretofore unheard of in radio transmission, experts said.

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\$5,000,000 RECORD RADIO EXPENDITURE

Radio's largest client during 1932 will be the American Tobacco Company, advertising the Lucky Strike cigarets and the Cremo cigar. American Tobacco will spend more than \$5,000,000 on these two accounts alone with radio during the current year, according to Variety.

"The original \$2,000,000 appropriated to Luckies' radio budget has been increased to more than \$3,000,000", Variety continues. "This increase became necessary when the ciggie account commenced its new broadcast series with Walter Winchell and two different bands on each of its thrice weekly broadcasts. Luckies alone is the most expensive account on the air. The frequent international hook-ups with foreign bands, which the ciggie account is using, will amount to a pile of money. Each international hook-up, if effected via short wave length, costs about \$1,500. If it is done via wire, as is necessary from Cuba, where they have no powerful short wave sending station, it amounts to about \$5,000 per hook-up.

"For the Cremo radio broadcasts, American Tobacco has appropriated about \$1,700,000 for the year."

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ONLY ONE RCA TUBE SUIT UNSETTLED

All but one of the three damage suits started in the Federal District Court at Wilmington by seventeen independent radio tube concerns against the Radio Corporation of America have been discontinued.

The only case remaining is that of Raytheon, Inc., the Raytheon Products Co., and the Raytheon Manufacturing Company.

The suits were brought to recover for alleged damage resulting from the Radio Corporation's enforcement of Clause 9 in its agreement with other set manufacturing companies, necessitating their equipment of sets with tubes as specified by the Radio Corporation. The discontinuance resulted from settlement of the points at issue by the Radio Corporation.

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: BUSINESS LETTER BRIEFS :
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An editorial accusation that freedom of speech over the radio is being denied to American clergymen appears in this week's issue of The Christian Century, an undenominational religious journal. Three instances were cited - Father Coughlin, Detroit; the Rev. Robert P. Shuler, Los Angeles; and Station WGR's cancellation of a series by the Rev. Herman J. Hahn.

A denial that any form of censorship had been exercised on religious speakers over its network was made by the Columbia Broadcasting System.

While the Federal Radio Commission has been making every effort to thin out the commercial radio broadcasting stations, the Radio Division of the Department of Commerce has not found such steps necessary in the amateur band. On the other hand, W. D. Terrell, Director of the Division, saw fit to recommend licenses for 3,043 new amateurs during the last half of 1931. Together with the 5,633 renewals, there are now 8,676 licensed amateur radio operators in the United States.

The National Broadcasting Company has asked the Federal Radio Commission to authorize the continuance of the synchronization experiment between WAAF, of New York, and WTIC, of Hartford on 660 kilocycles, and WJZ, New York, and WBAL, Baltimore, on 760 kilocycles, and said that "the present experiments, if successfully concluded, will be a substantial benefit to the listening public."

Vice-President Curtis was introduced at the Washington Chamber of Commerce dinner by Thomas P. Littlepage, Vice-President of the Chamber, who acted as master of ceremonies.

The dinner was dedicated to the George Washington Bicentennial and a special feature was the review of "Washington - the Man and the Capital", Bicentennial motion picture produced by Warner Bros. Harry Warne, president of that company, was among the speakers.

It is now proposed to have a continental treaty on radio. Most of our other treaties are not worth a continental. - Washington Post.

A direct attack on the whole theory of government regulation by Commissions is made by Gen. James G. Harbord, Chairman of the Radio Corporation of America, in the current issue of the Review of Reviews.

The knickerbocker Broadcasting Company of New York City will erect a new 1,000-watt television experimental station if the Federal Radio Commission approves the recommendation of Examiner Ralph L. Walker in his report to the Commission January 26th.

Following exhaustive tests made in all three locations from which the New York Philharmonic-Symphony Orchestra broadcasts in its Sunday afternoon series of concerts, electro-dynamic microphones have been installed at these points and will be used for the remainder of the season, it has been announced by the Columbia Broadcasting System.

When Leopold Stokowski and the Philadelphia Orchestra were heard in the first Philco concert through the Columbia network last Fall, the new microphone was brought into use for actual broadcasting for the first time. Months of research and experiments preceded the installation of the pick-up in the Philadelphia Academy of Music, the engineers being confronted with a variety of problems.

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NETWORKS ASKED TO ANSWER 18 QUESTIONS IN SENATE QUIZ

A separate questionnaire mailed to all chain organizations is expected to supply necessary information for the Commission's report to the Senate (S. Res. 129 introduced by Senator Couzens, amended by Senator Dill). When data obtained from both questionnaires are compiled, they will be submitted to the Senate.

The Commission asks each chain for information on how many stations it owns, leases, manages, or operates; how many stations it buys time from or sells program service to; how many hours of chain program service was available to subscribers to the network in 1931, and of these which were commercial and which sustained; the cost of sustaining programs; how many hours of sponsored and unsponsored educational programs it furnished; how much was paid for talent by advertiser and by the chain; what rates were charged; and what special events were broadcast. The questionnaire asks also for a complete financial statement for the year.

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APPLICATIONS RECEIVED BY FEDERAL RADIO COMMISSION

January 19 - WOR, Bamberger Broadcasting Service, Inc., Newark, N. J., modification of C.P. for 50 KW, requests approval of proposed equipment and authority to make field tests; WGCP, May Radio Broadcast Corp., Newark, N. J., C.P. to move transmitter locally and make changes in equipment; KGDY, Voice of South Dakota, Huron, S.D., special authority to operate less than 12 hours per day for a period of three months; WHO-WOC, Central Broadcasting Co., Davenport, Iowa, modification of C.P. for 50 KW, requests approval of proposed equipment and transmitter location near Colfax, Iowa; KGGM, New Mexico Broadcasting Co., Albuquerque, N. Mexico, install automatic frequency control.

January 22 - Granite State Broadcasting Co., Portsmouth, N. H., application for C.P. amended to request 740 kc., instead of 1310 kc., 250 w., instead of 100 w., and day time only instead of sharing time with WKAV; KTFI, Radio Broadcasting Corp., Twin Falls, Idaho, application for modification of license amended to request unlimited time instead of unlimited day, half-time at night.

January 23 - WCAU, Universal Broadcasting Co., Philadelphia, Pa., modification of C.P. for 50 KW, requests approval of proposed equipment; WJBK, James F. Hopkins, Inc., Highland Park, Mich., license to cover C.P. granted 10/8/31 for change in equipment; WJR, WJR, the Goodwill Station, Inc., Detroit, Mich., license to cover C.P. granted 11/13/31 for change in equipment and increase power to 10 KW; WPEN, WM. Penn. Broadcasting Co., Philadelphia, Pa., license to cover C.P. granted 1/5/32 for changes in equipment; KRMD, Robert M. Dean, Shreveport, La., voluntary assignment of license to Radio Station KRMD, Inc.; WJDX, Stevens Luke, Thomasville, Ga., C.P. to make changes in equipment and increase power from 100 watts to 100 w. night 250 w. LS; KFXJ, Western Slope Broadcasting Co., Grand Junction, Colo. modification of license to change from sharing with KFUP to simultaneous daytime operation, share with KFUP at night.

January 25 - WAAT, Bremer Broadcasting Corp., Jersey City, N.J., modification of license to increase power from 300 to 500 watts; WTEL, Foulkrod Radio Engineering Co., Philadelphia, Pa., requests authority to operate when WCAM is operating. Now required to go off the air (Shares with WHAT); KMLB, Liner's Broadcasting Station, Inc., Monroe, La., modification of license to change from daytime operation to 6 A.M. to 8 P.M., facilities of WJBO; WFBM, Indianapolis Power & Light Co., Indianapolis, Ind., modification of license requesting specified hours; Stewart A. Heigold, Yuma, Ariz., C.P. amended to request $\frac{1}{2}$ time on 1420 kc., instead of unlimited.

The following application was returned to the applicant:
KGEW, S. H. Patterson, Denver, Colo., request to move station to Cheyenne, Wyoming (Applicant not licensee).

January 26 - WDOD, WDOD Broadcasting Corp., Chattanooga, Tenn., C.P. to make changes in equipment; W. T. Hamilton, Greenville, S.C., C.P. for a new station on 1240 kc., 250 w. night, 500 watts LS, unlimited hours; WCOA, Pensacola Broadcasting Co., Pensacola, Fla., modify C.P. issued 7/31/31, requests authority to move station

locally, install different equipment, and extend commencement and completion dates to 2/1/32 and 5/1/32 respectively; WSBT, The South Bend Tribune, South Bend, Ind., modification of license for specified hours, now shares with WFBM; WBBM-WJBT, WBBM Broadcasting Corp., Chicago, Ill., C.P. to install new transmitter; KUJ, KUJ, Inc., Walla Walla, Washington, license to cover C.P. granted 9/22/31 for change in equipment; Copper Electric Co., Inc., Bisbee, Arizona, C.P. for a new station on 1110 kc., 50 watts, unlimited.

January 27, 1932 - WINS, American Radio News Co., New York, N.Y., determine license power by direct measurement of antenna input; WILM, Delaware Broadcasting Co., Inc., Wilmington, Del., modification of license to move studio from Wilmington, Del. to Chester, Pa.; Attala Milling & Produce Co., Kosciusko, Miss., C.P. to erect a new station to use 1500 kc., 100 watts, unlimited time; KGIR, KGIR, Inc., Butte, Mont., modification of license to change from $\frac{1}{2}$ time to unlimited.

Applications Other Than Broadcasting

Jan. 19 - Aeronautical Radio, Inc.: KGSP, Denver, Colo., license covering C.P. for 2720, 2732, 4110, 6510, 6520, 6530, 8015 kc., 400 watts, point-to-point aeronautical service; KST, Kansas City, Mo., C.P. for change in location to City Municipal Airport, Kansas City, Mo., change in power to 1 KW, and 150 watts, also change in equipment, point-to-point aeronautical service; W10XN, portable, initial location, Peekskill, N. Y., license covering C.P. for 322.5, 3232.5, 3242.5, 3257.5, 3447.5, 3457.5, 3467.5, 3485, 5602.5, 5612.5, 5632.5, 4917.5 kc., special experimental; also license covering C.P. for 2316, 2356, 4115, 6540, 6550, 6560, 8015 kc., 50 watts, special experimental; W2XCD, DeForest Radio Co., Passaic, N. J., renewal of experimental license for 1604, 2398, 3256, 4795, 6425, 8650, 12850, 17300, 1600, 1700 kc., 500 watts & 50 KW;

Also, KGPK, City of Sioux City, Sioux City, Ia., license covering C.P. for 2470 kc., 100 watts, emergency police service; W2XDA, portable, initial location, New York, N. Y., renewal of license for 1542 kc., 50 watts, special pickup for rebroadcast; W2XAD, General Electric Co., South Schenectady, N. Y., modification of license for change in frequency to 15330 kc., relay broadcasting service.

January 22 - KGPY, State of Louisiana, Shreveport, La., license covering C.P. for 1574 kc., 100 w., police service; KST, Aeronautical Radio, Inc., Kansas City, Mo., C.P. for change in location of transmitter to 10 Richards Road, Kansas City, Mo., aeronautical service; KLP, Radiomarine Corp. of America, Uganik, Alaska, assignment of coastal and point-to-point license to Uganik Fisheries, Inc.; Atlantic Broadcasting Co., portable, New York, renewal of special experimental license; KHK, Mutual Telephone Co., Wahiawa, T.H., renewal for 143, 163, 410, 500, 5525, 6515, 16580, 16900 kc., 2 KW, and 500 w., coastal.

The following applications were withdrawn: Russell E. Harrison, Jr., Edward Flutot, portables, Whittier, Calif., C. P.

The following application was retired to closed files: The Journal Company, Milwaukee, Wis., renewal of license, visual broadcasting.

January 25 - City of New Orleans, Police Dept., New Orleans, La., new C. P. for 2470 kc., 100 watts; KQP, Inland Waterways Corp., Minneapolis, Minn., renewal of coastal license for 3105, 3120, 4780, 6210, 6250, 163 kc., 2 KW; The Goodyear Tire & Rubber Co., Inc., NC-9-A, new license for aircraft on 3106 kc., 2 watts; KTK, Globe Wireless, Ltd., Musselrock, Calif., license covering C.P. for 5520, 6210, 6400, 8280, 8680, 11040, 11280, 12420, 12495, 16560, 16740, 21650, 22080 kc., 1.5 KW, coastal service; KZS, A. A. McCue, Boca de Quadra, Alaska, modification of C.P. for change in location to Kasaan, Alaska, and extension of time from 1/20/32 to 2/15/32; WRDR, Township of Grosse Pointe, Grosse Pointe, Mich., license covering C.P. for 2414 kc., 50 watts, police service; W9XA, National Broadcasting Co., Inc., Denver, Colo., renewal of special experimental license for 830 kc., 12.5 watts.

The following applications were retired to closed files per memo 1/22/32: Merritt-Chapman & Scott of Calif.; KHR, Santa Bargarra, Calif., KGJ, Santa Cruz Island, Calif., renewal of licenses.

The following application was withdrawn at request of applicant letter 1/2/32: W8XM, The Master Electric Co., Dayton, O., modification of C.P. for extension of completion date indefinitely.

January 26 - WPDx, Detroit Police Department, Detroit, Mich., request authority to install automatic frequency control, emergency police service; WPL, Northern States Power Company, St. Croix Falls, Wis., modification of license for increase in power to 125 watts, special emergency service; KGPY, State of Louisiana, Bureau of Identification & Investigation, Shreveport, La., C.P. for increase in power to 500 watts, emergency police service; KGPH, County of Oklahoma, Oklahoma City, Okla., C.P. for increase in power to 250 watts, emergency police service.

Also, Pacific Air Transport, Inc.; NC-1649, and Boeing Air Transport, Inc., NC-1003, new licenses for aircraft on 3105, 3162.5, 3172.5, 3182.5, 5572.5, 5582.5, 5662.5 kc., 50 watts, aviation service W8XAR, Westinghouse Electric & Manufacturing Co., 1.2 miles south of Saxonburg, Pa., renewal of special experimental license for 980 kc., 50 to 400 KW; Humble Oil & Refining Co.: KGKZ, portable, 5th district, C.P. for increase in power to 10-50 watts, geophysical service; KMI, Portable #5, C.P. for increase in power to 50 watts, geophysical service.

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DECISIONS OF THE FEDERAL RADIO COMMISSION

Applications Granted (January 26th)

W. E. Whitmore, Clovis, New Mexico, C.P. for new station, 1370 kc., 100 watts, sharing facilities of KGFL; WFOX, Paramount Broadcasting Corp., Brooklyn, N. Y., modification of C.P. to extend completion date to March 22, 1932; WLAP, American Broadcasting Co.

of Ky., Louisville, Ky., license covering installation of new equipment 1200 kc., 100 w. night, 250 w. LS, unlimited; KUSD, Univ. of S. Dak., Vermillion, S. D., WILL, Univ. of Illinois, Urbana, Ill., and KFNF, Henry Field Co., Shenandoah, Ia., Stations KUSD and WILL granted authority to broadcast simultaneously on following date and hour: Monday, Feb. 16, 8 to 9 P.M., C.S.T.; KGy, KGy, Inc., Lacey, Wash., C.P. to increase power from 10 to 100 watts on 1210 kc., half-time; KNN, Mackay Radio & Telg. Co., and KNA, Hailu, Hawaii and Palo Alto, Cal., permission to KNA to communicate with KNN on 4396 kc., and KNN to communicate with KNA on 4410, for period not to exceed 120 days from Jan. 21st; KIFQ, and KIJJ, Mackay Radio & Telg. Co., aboard "Bonita" and "Point Palmas", temporary authority to operate for 30 days from Jan 23rd, pending receipt of formal application; Norden-Hauck Electric & Manufacturing Co., Montgomery, Pa., C.P. for experimental service.

Renewal of Licenses

The following stations were granted regular renewal of licenses: WOWO, Fort Wayne, Ind.; WSM, Nashville, Tenn.; WWVA, Wheeling, W. Va.; KFAB, Lincoln, Neb.; KFEQ, Joseph, Mo.; KFI, Los Angeles; KPO, San Francisco, WLW, Cincinnati, Ohio.

KGMP, d/b as Bryant Electric & Radio Co., Elk City, Okla., extension of existing license from Feb. 1st to April 1, 1932, pending result of Commission's decision in proceedings affecting station KGMP; WHDL, Tupper Lake Broadcasting Co., Inc., Tupper Lake, N. Y., extension of existing license from February 1st to March 1, 1932, subject to decision on any pending proceeding affecting station WHDL; WHAM, Stromberg Carlson Tel. & Mfg. Co., Rochester, N. Y., renewal of license to August 1, 1932, unlimited time, pursuant to and in conformity with Mandate of Supreme Court of D.C. of January 28, 1930; KGKX, W. W. Von Cannon, Trustee, Sandpoint, Idaho; temporary license subject to the condition that licensee shall establish and maintain a schedule of operation of at least 2/3 of the hours authorized daily; and that station shall be operated by the proper licensee.

Special Authorizations

WOWO, Main Auto Supply Co, Ft. Wayne, Ind., special authorization to August 1, 1932, to operate simultaneously during daytime with Station WWVA; WWVA, W. Va. Broadcasting Corp., Wheeling, W. Va., special authorization to August 1, 1932, to operate simultaneously during daytime with Station WOWO.

Granted Modification Of Licenses

KGKX, First State Bank of Vida, Wolf Point, Mont., modification of license 1310 kc., 100 watts, 250 w. LS, hours of operation: 6 A.M. to 9 A.M., 12 M to 3 P.M., 6 P.M. to 9 P.M. daily; KUJ, KUJ, Inc., Walla Walla, Wash., modification of license, 1370 kc., 100 watts, hours of operation: 6 to 9 A.M., 12 to 3 P.M., 6 to 9 P.M., daily; KVOA, Robert M. Riculfi, Tucson, Arizona, modification of license, 1260 kc., 500 watts, hours of operation: 6 to 9 A.M., 12 to 3 P.M., 6 to 9 P.M. daily; KWKC, Wilson Duncan Broadcasting Co., Kansas City, Mo., modification of license, 1370 kc., 100 watts, hours of operation: 6 to 9 A.M., 12 to 3 P.M., 6 to 9 P.M. daily.

Dismissed From Hearing Docket

KGFW, Central Nebraska Broadcasting Corp., Kearney, Neb., application for renewal of license dismissed from hearing docket and modification license granted for remainder of license term, 1310 kc., 100 watts, unlimited time.

Set For Hearing

KYW-KFKX, Westinghouse Electric and Manufacturing Co., Chicago, Ill., temporary license granted and designated application for renewal of license for hearing; Shreveport Broadcasting Co., Shreveport, La., C.P. for visual broadcasting service; School of Geography, Harvard University, Cambridge, Mass., C. P. for private point-to-point service

Amateur Licenses Revoked

W2 ATZ, Eric H. Palmer, Jr., Brooklyn, N. Y.; W2 BVY, Frank A. Lentino, Brooklyn, N. Y.; W2 ZZV, Richard M. Simmons; W2 CRY, Richard M. Simmons, Brooklyn, N. Y.; W2 ZZV (unlicensed) William Kessler, Brooklyn, N. Y. further
W2Car, warned that any/transgressions would mean revocation of his license.

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HEARING SCHEDULED BY RADIO COMMISSION

February 5 - WBBZ, C. L. Carrell, Ponca City, Okla., renewal, 1200 kc., 100 w., unlimited time.

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U. S. PROTESTS FRENCH QUOTA ON RADIO IMPORTS

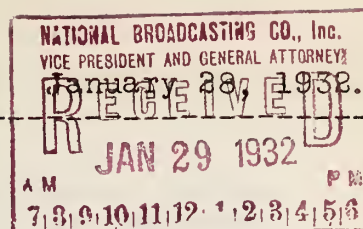
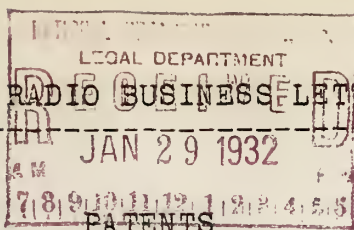
The American Government has protested to France against a recent decree establishing a quota system on importation into France of radios and radio equipment. A statement by the State Department said the United States was "definitely opposed to any system of quotas in international trade."

The protest was based on the contention that the low quota for the United States was discriminatory. The quota was reached on old import figures and not on recent importations.

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NO. 505

HEINL RADIO BUSINESS LETTER



The following patents were granted during the week ending January 26, 1932:

- 1,842,420. Method and Apparatus for Reproducing Sound Waves and Light Waves. Frederick C. Morrison, Syracuse, N. Y. Filed August 3, 1928.
- 1,842,550. Phonograph. Newman H. Holland, Montclair, N. J., assignor to Thomas A. Edison, Inc., West Orange, N. J. Filed April 28, 1926.
- 1,842,553. Generator. Nils E. Lindenblad, Port Jefferson, N. Y., assignor to Radio Corporation of America. Filed April 25, 1929.
- 1,842,558. Amplifier Energizing System. Benjamin F. Miessner, Short Hills, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Filed July 20, 1929.
- 1,842,596. Electrically Operated Timing Device. Charles Fayer, Flushing, N. Y., assignor to Wappler Electric Co., Inc. New York, N. Y. Filed August 4, 1926.
- 1,842,624. Electron Discharge Tube. Montford Morrison, Chicago, Ill., assignor, by mesne assignments, to Westinghouse Lamp Company. Filed February 25, 1928.
- 1,842,635. Electron Discharge Tube Adapter. Arthur M. Trogner, Maplewood, N. J., assignor to Wired Radio, Inc., New York, N. Y. Filed March 14, 1930.
- 1,842,721. Radio Telegraph System. Edward E. Kleinschmidt, Chicago, Ill., assignor to Teletype Corporation, Chicago, Ill. Filed April 7, 1928.
- 1,842,759. Transmission of Motion Pictures and the Like. William Malm, New Orleans, La. Filed August 22, 1927.
- 1,842,770. Loud Speaker. Roy E. Thompson, Nyack, N. Y. Filed August 22, 1930.
- 1,842,895. Publicity Apparatus. William H. Chadwick, Chicago, Ill. Filed March 17, 1930.
- 1,842,898. Receiving System. Henri de Regnauld de Bellescize, Paris, France, Filed April 22, 1927, and in France May 7, 1926.

- 1,842,916. Static Frequency Changer. Mendel Osnos, Berlin, Germany, assignor to Gesellschaft fur Drahtlose Telegraphie m.b.H., Berlin, Germany. Filed March 19, 1926, and in Germany March 19, 1925.
- 1,842,937. Radio Signaling. Marc A. Giblin, West Allis, Wis., assignor of one-half to Harry W. Bolens, Port Washington, Wis. Filed February 26, 1926.
- 1,842,947. Vapor Discharge Device. John C. Read, Rugby, England, assignor to General Electric Co. Filed January 18, 1929, and in Great Britain, February 16, 1928.
- 1,842,968. Seismograph. Sepp Horvath, Houston, Texas. Filed March 24, 1930.
- 1,842,977. Radio Receiving System. Benjamin F. Miessner, Short Hills, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Filed July 20, 1929.
- 1,843,017. Input System for Electrical Amplifiers. Frederick H. Drake and William D. Loughlin, Boonton, N. J., assignors, by mesne assignments, to Radio Corporation of America, New York, N.Y. Filed June 16, 1928.
- 1,843,030. Gramophone. George Basil King, Edgbaston, Birmingham, England. Filed October 16, 1929, and in Great Britain October 25, 1928.

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