

HEINL RADIO BUSINESS LETTER

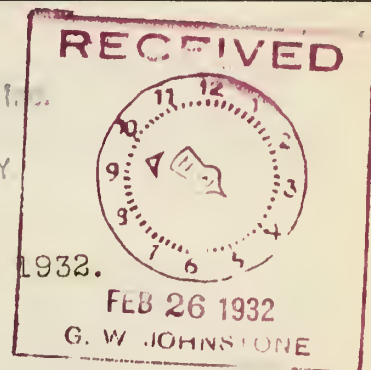
INSURANCE BUILDING

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 :: :: **CONFIDENTIAL—NOT FOR PUBLICATION.** :: ::

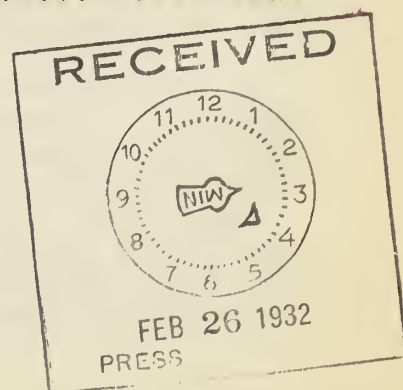
Desk
National Broadcasting Company, Inc.
GENERAL LIBRARY
711 Fifth Avenue, New York, N. Y.

INDEX TO ISSUE OF FEBRUARY 25, 1932.



Attacks Anti-Sunday Advertising Bill.....	2
New Law Bars Short Wave Sets In Private Cars.....	3
Hoover Appoints Harbord N. Y. Anti-Hoarding Chairman.....	3
Supreme Court Refuses To Review WMBB-WOK Decision.....	3
Renewals and New Account Signed By NBC Sales Department.....	4
Engineers Will Hear Electronic Melodies.....	4
Permits World Radio Advertising.....	4
RMA To Issue Television Statement.....	5
Florida Radio Relay Station Licensed.....	6
European Broadcasting Report In Congressional Record.....	6
Business Letter Briefs.....	7
Experienced Commercial Manager Available.....	7
Applications Received By Federal Radio Commission.....	8
Decisions Of The Federal Radio Commission.....	10

No. 512



SUBSCRIPTION PRICE, \$10. PER MONTH. NO CONTRACT REQUIRED.

ATTACKS ANTI-SUNDAY ADVERTISING BILL

Representative Amlie, of Wisconsin, has introduced a bill which aims "to prohibit commercial advertising by means of radio on Sunday". Mr. Amlie, in commenting on the purpose of his bill, said: "Why should not business respect the Sabbath on the air as well as in other ways?"

"The purpose of this proposed Federal legislation is, therefore, to compel radio stations to 'respect the Sabbath'. It is for the purpose of protecting a religious day from being desecrated, which, of course, makes it religious legislation. But Congress is prohibited by the Constitution from enacting religious laws", C. S. Longacre declared in a fight the Seventh Day Adventists launched on the bill.

"If Congress can prohibit commercial advertising by means of radio on Sunday, it can, with equal propriety, prohibit commercial advertising by means of the newspapers on Sunday; or by means of the bill boards; or by means of display windows; or by means of films; in fact, by any means whatsoever.

"To single out radio stations, and radio stations only, to the exclusion of all other means of commercial advertising on Sunday, brands the proposed legislation as class legislation, and therefore unconstitutional. Nobody's rights are invaded; nobody's health is impaired; and nobody's safety is endangered by commercial advertising over the radio on Sunday. If a person does not want to listen to it, he has his own remedy in his receiving set. All he needs to do is to turn it off or shift the dial to another station till he finds what is agreeable to his taste. But some people seem to be very helpless. They simply can not adjust themselves to the world's environment and they want the Federal Government to help them be religious when they have not enough backbone to shut off their own radio set to undesirable matter coming over the radio.

"Personally, I do not enjoy jazz music coming over my radio set, but I would be the last person in the world to ask the Federal Government to pass a law prohibiting jazz music over the radio. Some people seem to think that if there is anything in the world that they don't fancy, or is contrary to their religious predilection, Congress ought to pass a law prohibiting it at once. Some folks still entertain the old notion that Congress can legislate upon every subject under heaven, both civil and religious."

X X X X X X X X

NEW LAW BARS SHORT WAVE SETS IN PRIVATE CARS

Owners of private automobiles in Illinois can no longer have short wave radio sets in their cars to enable them to receive police calls, State Representative Richard J. Lyons, of Mundelein, announced. Lyons is the author of the law passed at the last regular session of the legislature to set up a State-wide police broadcasting system. He said that although it is not generally known the law provides that motorists who use the short wave sets in their cars are liable to a fine of \$1,000 or six months in jail or both.

X X X X X X

HOOVER APPOINTS HARBORD N. Y. ANTI-HOARDING CHAIRMAN

Organization of the State-wide committee in New York for President Hoover's national anti-hoarding campaign was begun by Gen. James G. Harbord, Chairman of the Board of the Radio Corporation of America and State Chairman of the campaign, immediately upon his return last week from Washington, where he and Col. Frank Knox, of Chicago, National Chairman of the campaign, conferred with the President and Secretary Ogden L. Mills of the Treasury Department.

X X X X X X

SUPREME COURT REFUSES TO REVIEW WMBB-WOK DECISION

The law, which gives the Radio Commission the power to order stations off the air will not be reviewed by the Supreme Court. In refusing to take up the complaints of the owners of stations WMBB and WOK, at Chicago, the court let stand the decision of the Seventh Circuit Court of Appeals that the radio law of 1927, giving the Government exclusive control of broadcasting as valid.

The stations, located at Homewood, on Chicago's outskirts, were ordered off the air in September, 1928, after they had previously operated with the permission of the Commission.

The American Bond & Mortgage Co. and Trianon, Inc., owners of the stations, said the Commission was depriving them of their property without any compensation and that the Commission's action amounted to unconstitutional confiscation.

X X X X X X

RENEWALS AND NEW ACCOUNT SIGNED BY NBC SALES DEPARTMENT

The following is some additional material on both a new account and a renewal as signed up by the National Broadcasting Company's Sales Department:

I. Newman & Sons (Corsets), New Haven, Connecticut; Agency, Charles W. Hoyt Co., New York, N. Y.; Period - Friday 10:30-10:45 A.M., starting March 11, 1932; WEAFF Network - 21 stations; Program - Fashion talk by Mrs. Evelyn Toby; skits with Mrs. Toby and actresses as cast. - New Account.

Best Foods, Inc., New York; Agency, Benton & Bowles, New York City; Period - Daily except Saturday and Sunday, 7:45-8:00 P.M., starting March 7, 1932; Blue Network (repeat for Mt. and Orange and supplementaries 12:45-1:00 A.M.); Program - Billy Jones and Ernie Hare, Songs and Patter. - Renewal.

X X X X X X

ENGINEERS WILL HEAR ELECTRONIC MELODIES

Violins whose singing tones change to the resonance of the French horn and new electronic musical instruments whose limitless possibilities will require the talents of a new generation of composers will be demonstrated at a meeting of the New York Chapter of the American Institute of Electrical Engineers to be held Friday night, February 26th, in the Engineering Societies Auditorium, 29 West 39th Street. Dr. Walter Damrosch will interpret the new instruments for the assembled engineers from the viewpoint of the musician and the conductor.

The radio or electron tube is the basis of the new music and the new instruments for its expression, according to O. H. Caldwell, Chairman of the New York Chapter, and editor of Electronics. Mr. Caldwell, who was formerly a member of the Federal Radio Commission, will preside at the meeting and has announced that Professor Leon Theremin, Capt. Richard Ranger and Benjamin Miessner will be among those who will demonstrate the new electronic music devices, which are similar to the electronic oscillators used by Leopold Stokowski in recitals of his Philadelphia Philharmonic Orchestra.

X X X X X X

PERMITS WORLD RADIO ADVERTISING

International radio advertising is made possible by new regulations announced last week by the Federal Radio Commission. Radio companies can now take broadcast programs for delivery to foreign countries for rebroadcasting. The work is done over regular commercial short-wave stations.

X X X X X

RMA TO ISSUE TELEVISION STATEMENT

A formal and detailed statement describing the actual present engineering status and future prospects of television was approved and ordered published by the Board of Directors of the Radio Manufacturers' Association, meeting in Buffalo last week at the Statler Hotel. The statement was prepared by Dr. C. E. Brigham, of Newark, N. J., Chief of the RMA Engineering Division, and Dr. E. Replogle, of Passaic, N. J., Chairman of the Association's special Television Committee. This statement on the progress of television laboratory and broadcasting experiments will be issued soon by the RMA.

Chairman B. G. Erskine reported that at this early date, virtually half of the RMA Trade Show exhibit space at Chicago next May had been reserved.

Mr. Leslie F. Muter, of Chicago, RMA treasurer, was appointed as Chairman of a special committee on convention arrangements.

Prospects of successful opposition by the RMA to the proposal in Congress for a special five per cent tax on radio were reported by H. B. Richmond of Cambridge, Mass., Chairman of the Association's Legislative Committee, and Frank D. Scott, legislative counsel of the Association in Washington. At the recent hearing accorded the RMA by the House Ways and Means Committee in Washington, in opposing the special discriminatory tax on radio, it was stated that the radio industry would prefer a small general sales tax on manufacturers. This now appears probable, according to reports to the RMA Board.

Successful efforts to partially increase the American import quota under the recent French tariff decree were reported by Bond Geddes, Executive Vice-President of the Association, following protest to the State Department and representations to the French Foreign Office by American Ambassador Edge at Paris under instructions of the Department. Another general exporters' conference is being arranged to consider various export trade promotion projects.

The negotiations looking to possible establishment of a radio patent pool, considered by the U. S. Department of Justice, are continuing.

Charles Wilson, Vice-President of the General Electric Company, at Bridgeport, Conn., in charge of the General Electric Radio Department, was elected a new Director of the RMA at the Buffalo meeting.

X X X X X X

FLORIDA RADIO RELAY STATION LICENSED

A new broadcasting station to relay programs from the United States to the West Indies and countries of Central and South America has been authorized by decision of the Federal Radio Commission.

The Isle of Dreams Broadcasting Company, Miami, Fla., was granted a construction permit for relay broadcasting using 2500 watts power and operating 12 hours day and three hours night on a frequency of 6040 kilocycles.

Programs of what the Commission terms "better" quality will be relayed to the West Indies and countries of Central and South America. Representatives of the new station have discussed the matter with the Governor of Porto Rico, and with operators of other relay stations in countries it is desired to serve. Although final arrangements have not yet been made, it is likely that other countries will be included among those to which programs will be relayed.

The project will be on experimental lines, and constant changes and improvements in transmitting equipment will be made to improve and regulate the service with respect to modulation, quality of reception at distant points, swinging and consistency of signals, etc. The Commission believes that this experimental work will result in development and advancement of the relay broadcasting art.

X X X X X X

EUROPEAN BROADCASTING REPORT IN CONGRESSIONAL RECORD

An article by Armstrong Perry, entitled "Radio Broadcasting in Europe", prepared for publication by the National Committee on Education by Radio of the Interior Department, was reprinted in the Congressional Record of February 18th, at the request of Senator Dill, of Washington.

Copies of the Record may be secured either from Senator Dill or any Senator or Representative in Congress.

X X X X X X

:
: BUSINESS LETTER BRIEFS :
:

At a meeting of the Board of Directors of the Radio Corporation of America, Mr. Harold Smith, Vice-President of the Westinghouse Electric & Manufacturing Company, was elected a member of the Board of the Radio Corporation to fill the vacancy caused by the recent death of Mr. H. P. Davis.

Broadcast advertising is prohibited in the Netherlands by law.

Station KTBS, of Shreveport, La., will be added to the Southwest Group of the National Broadcasting Company networks on February 28th. The station is owned and operated by the Tri-State Broadcasting System, Inc. It operates on a wave length of 206.8 meters, 1450 kilocycles, with a power of 1,000 watts.

KTBS brings the total of NBC network stations to eighty-eight.

Six more planes will soon be numbered among the United Air Lines fleet of more than 100 planes already equipped for complete radio-telephone service. Units for two-way radiophone communication to be installed on the six planes have been ordered from the Western Electric Company.

Northwest Airways has ordered over \$50,000 worth of radio telephone units from the Western Electric Company to complete its program of equipping landing fields and planes for two-way radio-telephone service. The project involves equipment for four ground stations and 17 planes.

X X X X X X X

EXPERIENCED COMMERCIAL MANAGER AVAILABLE

A commercial manager, having had four years' experience in Westinghouse stations, preceded by twelve years in the advertising business, is seeking a new connection.

Any interested station may have complete information by addressing HEINL RADIO BUSINESS LETTER, 405 Insurance Building, Washington, D. C.

X X X X X X X

APPLICATIONS RECEIVED BY FEDERAL RADIO COMMISSION

February 18 - Louis Reis, New York, N. Y., C.P. for a new station to use 1350 kc., 250 watts, time used by WBNX; WBRC, Birmingham Broadcasting Co., Inc., Birmingham, Ala., install automatic frequency control; Charles F. Scheaffer, Oklahoma City, Okla., C.P. for a new station to use 620 kc., 10 watts daytime; KFJB, Marshall Electric Co., Inc., Marshalltown, Iowa., modification of license to change from specified hours to unlimited; WHBU, Anderson Broadcasting Corp., Anderson, Ind., C.P. to move locally amended to request changes in equipment also; KFMX, Carleton College, Northfield, Minn., modification of license to increase hours of operation, facilities of WRHM; WMBH, Edwin D. Aber, Joplin, Mo., C. P. to make changes in equipment; KFDY, South Dakota State College, Brookings, S. D., license to cover C.P. granted 9/1/31 for changes in equipment.

February 24 - WCAC, Connecticut Agricultural College, Storrs, Conn., modification of license for change in specified hours; WOCL, A. E. Newton, Jamestown, N. Y., install automatic frequency control; WICC, Bridgeport Broadcasting Station, Inc., Bridgeport, Conn., modification of license for change in specified hours; WIBG, WIBG, Inc. Elkins Park, Pa., C.P. for new transmitter and increase power from 25 watts to 100 watts, also move main studio from Elkins Park to Glenside, Pa.; WJAY, Cleveland Radio Broadcasting Corp., Cleveland, Ohio, at request of applicant this application which was reported 2/6/32 has been associated with and made amendment to be reinstated to the hearing docket 2/8/32; WSB, Atlanta Journal Company, Atlanta, Ga., modification of C.P. for 50 KW, requests approval of proposed transmitter.

Also, J. H. French, Decatur, Ala., C.P. to erect a new station to use 1420 kc., 15 watts, unlimited time; WBT, Station WBT, Inc., Charlotte, N. C., modification of C.P. for 25 KW, requests approval of proposed transmitter; WWNC, Citizen Broadcasting Co., Inc., Asheville, N. C., C. P. to install new transmitter; WCAL, St. Olaf College, Northfield, Minn., modification of license to increase hours of operation, facilities of WRHM; WIBW, Topeka Broadcasting Association, Inc., Topeka, Kans., license to cover C.P. granted 5/8/31 for change in equipment; KGBX, KGBX, Inc., St. Joseph, Mo., C.P. to move station from St. Joseph to Springfield, Mo.; KGGE, Hugh J. Powell & Stanley Platz, d/b as Powell & Platz, South Coffeyville, Okla., modification of license to move main studio from South Coffeyville, Okla., to Coffeyville, Kansas; KGHL, Northwestern Auto Supply Co., Inc., Little Rock, Ark., install automatic frequency control;

Also, KRKD, Dalton's, Inc., Los Angeles, Calif., license to cover C.P. granted 11/13/31, for local move and changes in equipment; KSEI, Radio Service Corp., Pocatello, Idaho, C.P. amended to request 250 w., 500 w., LS instead of 250 w., 750 w, LS; KGEW, City of Fort Morgan, Fort Morgan, Colo., modification of C.P. granted 11/20/31, requests extension of commencement and completion dates to 2/8/32 and 6/8/32 respectively; KID, KID Broadcasting Co., Idaho Falls, Idaho, modification of license to increase power from 250 w., 500 w. LS to 500 watts day and night, and hours of operation from sharing with KTFI to unlimited on 1320 kc.; KMPC, R. S. MacMillan,

Beverly Hills, Calif., modification of C.P. to extend completion date to 4/1/32; KLS, d/b as Warner Bros., Oakland, Calif., C.P. to make changes in equipment.

The following applications were returned to the applicant:

Steubenville Broadcasting Co., Steubenville, Ohio, C.P. for a new station on 1420 kc. (not properly executed); WJBW, C. C. Carlson, New Orleans, La., C.P. to move locally and change equipment (no reply to Commission's letters); F. A. Martin & William Ross, San Antonio, Texas, C.P. for a new station on 1050 kc. (did not comply with Rule 6 (a), (c) and (d)); KGNF, Great Plains Broadcasting Co., North Platte, Nebr., modification of license to increase power to 1 KW (Rule 6 a and c); Mr. Marsh Ore, Mount Vernon Ill., C.P. for new station on 1310 kc (Rule 6 c and d).

Applications, Other Than Broadcasting

Feb. 17 -Modesto Irrigation District: Portable in Stanislaus & Tuolumne Co., Calif., and at 521 Enslen Ave., Modesto, Calif., C.P. for 3184 kc., 7.5 watts and 150 watts respectively, special emergency service; Aeronautical Radio, Inc.: KGUQ, Indio, Calif., C.P. for change in location of transmitter to New Intermediate Field, Indio, Calif., aero. service; KST, Kansas City, Mo., license covering C.P. for change in location to 10 Richards Road, Kansas City; WSDF, Louisville, Ky., license covering C.P. for 3222.5, 3232.5, 3242.5, 3257.5, 3447.5, 3457.5, 3467.5, 3485, 5602.5, 5612.5, 5632.5 kc., 400 watts, aeronautical service; WKDT, Detroit Fire Department, Detroit, Mich., renewal of license for 1596 kc., 200 watts, marine fire station; Goodyear Tire & Rubber Co., Inc., NC-7-A, new license for aircraft on 3106, 5525 kc., 10/15 watts; W2XAG, General Electric Co., South Schenectady, N. Y., renewal of special experimental license for 660, 790 kc., 50 KW (PM), 200 KW (AM); Western Air Express: NC-129-M, KHOBV, KHCOL, NC-328-N, assignment of aircraft license to Transcontinental & Western Air, Inc.

February 18 - Transcontinental & Western Air, Inc.: KHDGT, KHDJQ, KHDKP, KHDUF, KHMGT, KHDBY, KHDAZ, KHDZA, modification of aircraft licenses for decrease in power to 50 watts and change in description of transmitter; Western Air Express: KHCPK, KHCLO, assignment of aircraft licenses to Transcontinental & Western Air Line, inc.; Press Wireless, Inc.: WJS, Hicksville, N. Y., WJO, Hicksville, N. Y., KOQ, San Francisco, Calif., KOP, San Francisco, Calif., amendment to applications for additional frequencies of 14635, 10750, 16255, 17440, 18560, 20800, 7715, 7950, 7960 kc.; WJP, Hicksville, N. Y., same as for WJS above; WJA, Chicago, Ill., WJK, Needham, Mass., amendment for additional frequencies of 14635, 10750, 16255, 17440, 18560, 20800 kc.

February 19 - Northwest Airways, Inc.: NC-7790, NC-537-E, NC-134-E, new licenses for aircraft on 3105, 3005, 2854, 5377.5 kc., 50 watts; Press Wireless, Inc.: KDG, Honolulu, T. H., modification

of license for additional frequencies of 7715, 7960 kc., point to point service and modification of license for additional frequencies of 11640, 19340 kc., point-to-point service; Western Air Express, Inc.: KHCGT, KHCFU, KHODW, KHCHS, assignment of aircraft licenses to Transcontinental & Western Air, Inc.; Transcontinental & Western Air, Inc.: KHDFU, KHDEV, KHDYB, modification of aircraft licenses for decrease in power 50 watts and change in description of transmitter.

February 24 - Transcontinental & Western Air, Inc.: KHDWD, KHDCX, KHDHS, KHDVE, KHDFU, KHDEV, KHDYB, modification of aircraft license for decrease in power to 50 watts and change in description of transmitter to Western Electric 8-A; Western Air Express, Inc.: KHCGT, KHCFU, KHODW, KHCHS, KHCBY, KHCKP, KHCAZ, assignment of aircraft licenses to Transcontinental & Western Air, Inc.; also, same for KHCMN; Aeronautical Radio, Inc.: KGUS, Blythe, Calif., C.P. for change in transmitter location to new intermediate field, Blythe, Cal.; KGUQ, C.P. for change in location to New intermediate field, Indio, Calif.; WSDF, Louisville, Ky.; license covering C.P. for 2316, 2356, 4115, 6540, 6550, 6560, 8015 kc., 400 watts, aeronautical, point-to-point service; KST, Kansas City, Mo., license covering C.P. for 2720, 2732, 4100, 6510, 6520, 6530, 8015 kc., 1 KW and 150 watts, point-to-point aeronautical; at Detroit, Mich.; new C.P. for 2938, 5825, 2698 kc., 350 watts, aeronautical and aeronautical point-to-point service;

Also, Bell Telephone Laboratories, Inc.: W3XR, Mendham Twp., N. J., renewal of special experimental license for 1608, 2302, 3076, 4108, 5510, 6155, 6200, 6600, 7000, 7400, 7700, 278 kc., 400 w., 50 w., 10 w.; W3XP, Whippany, N. J., renewal of special experimental license for 650, 1100, 1480 kc., 1 KW; WPEE, City of New York, Police Dept., Brooklyn, N. Y., modification of C.P. for change in location locally; W6XAH, Pioneer Mercantile Co., Bakersfield, Calif., modification of C.P. for extension of time to April 24, 1932; WNCX, National Construction Co., NC-447-W, license for aircraft on 1105, 3162.5, 3172.5, 3182.5, 5572.5, 5582.5, 5662.5, 2906, 3072.5, 3082.5, 3088, 5510, 5540, 5672.5, 5692.5, 3222.5, 3232.5, 3447.5, 3242.5, 3257.5, 3457.5, 3467.5, 3485, 4917.5, 5602.5, 5612.5, 5632.5, 3005, 2854, 5377.5 kc.

X X X X X X

DECISIONS OF THE FEDERAL RADIO COMMISSION

Applications Granted (February 19, 1932)

WDOJ, WDOJ Broadcasting Corp., Chattanooga, Tenn., C.P. to make changes in equipment and increase maximum rated power from $2\frac{1}{2}$ KW to 5 KW; WHO-WOC, Central Broadcasting Co., Iowa., modification of C.P. approving transmitter site to one mile south of Mitchelville, Ia.; KIDO, d/b as Boise Broadcasting Station, Boise, Idaho, authority to install automatic frequency control; KGGM, New Mexico Broadcasting Co. Albuquerque, N. Mex., authority to install automatic frequency control; WAAM, WAAM, Inc., Newark, N. J., authority to operate with

1 KW day and night until March 7th; KSL, Radio Service Corp. of Utah, Salt Lake City, 15 days extension within which to comply with provision 5 of new C.P. granted November 17, 1931; KVOO, Southwestern Sales Corp., Tulsa, Okla., 30 day extension of time within which to comply with Provisions 3 of C.P. for 25 KW issued November 17, 1931; WSB, The Atlanta Journal Co., Atlanta, Ga., 30 day extension of time within which to comply with Provisions 3, 4 and 5 of CP for 50 KW, issued November 17, 1931.

Also, Tacoma Field, Pierce Co. Airport, Tacoma, Wash., C.P. aviation service; Aeronautical Radio, Inc.: at Bismarck, N. Dak., and at Sioux City, Ia., C.P. aviation service; WSDG, Chicago, Ill., aeronautical license, also aeronautical point-to-point license; KGUE, Brownsville, Texas., modification of C.P. to change description of transmitter and reduce power to 50 watts; W8XK, Westinghouse Electric & Manufacturing Co., E. Pittsburgh, Pa., C.P. to change location to 1.2 miles south of Saxonburg, Pa., and make changes in equipment; Chicago Federation of Labor, Chicago, Ill., C.P., general experimental service, 60000-4000000 kc., 15 watts; Board of Water Commissioners, Denver, Colo., C. P. for point-to-point service; KICH, KHC, Alaska Packers Association, Chignik, Alaska, C.P. to change location of KHC to another location within Chignik.

Also, Mackay Radio & Telegraph Co.: WIT, WJX, WET, WID, WIW, WKS, WMZ, WJH, WKI, WMY, WJU, WJV, WKR, Sayville, N. Y., licenses, point-to-point telegraphic service for additional transmitters; KGZC, City of Topeka, Police Dept., Topeka, Kans., license for police service 2422 kc., 50 watts; KGYK, City of San Diego, San Diego, Cal., license for airport; KWP, WKS, WXT, Palo Alto, Cal., and Sayville, N. Y., respectively, Mackay Radio & Telegraph Co.: modification of license for additional frequencies; W3XAI, RCA Victor Co., Inc., Camden, N. J., modification of license for change of frequencies; W9XAW, Michigan College of Mining & Tech., Houghton, Mich., renewal of license; KDD, Copper River Packing Co., Nellie Juan, Alaska, renewal of licenses, fixed public and public coastal; WGEH, City of Chicago, Bureau of Parks Playgrounds and Aviation, Chicago, Ill., renewal of aviation license; KGWV, Electrical Research Products, Inc., Los Angeles, Cal., renewal of motion picture license.

Also, Nakat Packing, Corp.: KIBX, KZN, KIBY, KIBZ, Waterfall, Alaska, KIBV, KON, KIBV, and KICC, Union Bay, Alaska, KICC, KJI, KICD, KICE, Bristol Bay, Alaska, KICF, KqL and KICB, Hidden Inlet, Alaska, renewal of licenses; KGPW, Salt Lake City Corp., Salt Lake City, Utah, 90 day extension of time to complete C.P. of police station; Town of E. Providence, E. Providence, R. I., 30 day extension of time to initiate and complete construction of police station; Radiomarine Corp. of America: KDAM, New York, N. Y., authority to operate transmitter for period not to exceed 60 days aboard "West Notus"; KIGQ, New York, same authority to operate aboard "Santa Elisa"; WHEY, WHEZ, New York City, authority to operate stations aboard "Monterey Motor Lifeboats One and Two" for period not to exceed 60 days; WJCT, New York City, authority to operate transmitter aboard steamship "Lewis K. Thurlow" pending receipt of formal application for modification of license expiring July 24th; KEBD, Mackay Radio & Telegraph Co., San Francisco, Cal., authority to operate station aboard steamer "Point Chico" for period of 60 days.

Renewal Of Licenses

The following stations were granted regular renewal of licenses: WFI, Philadelphia, Pa., WJAX, Jacksonville, Fla.; WKY, Oklahoma City, Okla., KELV, Burbank, Cal.; KFUO, Clayton, Mo., KTAR, Phoenix, Ariz.

Set For Hearing

WCOA, Pensacola Broadcasting Co., Pensacola, Fla., and KGRS, Gish Radio Service, Amarillo, Tex., renewal of licenses set for hearing because station's facilities have been applied for; KFXV, Albert H. Schermann, Flagstaff, Ariz., requests C.P. to change location from Flagstaff to Yuma, Arizona.

Miscellaneous

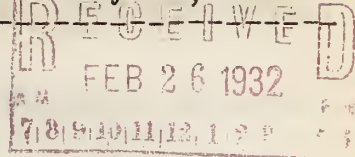
WCAC, Conn. Agricultural College, Storrs, Conn., authority to operate from 2:30 P.M. to 4 P.M., Feb. 20th, provided Station WICC remain silent; WKSV, Knox Battery & Electric Co., Connorsville, Ind., authority to operate from 2 to 4 P.M. March 12th.

Action On Examiners' Reports

WCSH, Congress Square Hotel Co., Portland, Maine, granted increase in daytime power from 1 KW to 2½ KW, night power of 1 KW unchanged, reversing Examiner E. W. Pratt; Americus Broadcast Co., Americus, Ga., Granted C.P. for a new station to operate on 1420 kc., 100 watts, daytime only, reversing Examiner R. L. Walker; WMBR, F. J. Reynolds, Tampa, Fla., granted renewal of license to operate on 1370 kc., 100 watts, unlimited time, sustaining Examiner R. L. Walker; Radio Vision Co., Pittsburgh, Pa., denied C.P. for experimental television station, sustaining Examiner Ellis A. Yost; WHDL, Tupper Lake Broadcasting Co., Inc., Tupper Lake, N. Y., granted renewal of license to operate on 1420 kc., 10 watts daytime hours, terminating existing temporary license and revoking Order of Revocation, sustaining Examiner R. H. Hyde.

Also, Telephone Bond & Share Co., Ketchikan, Alaska, granted C.P. for new experimental station, 1 KW, unlimited hours, experimental frequencies, sustaining Examiner E. W. Pratt; WISN, Evening Wisconsin Co., Milwaukee, Wis., granted renewal of license, 1120 kc., 250 watts, hours of operation, those not used by station WHAD, outlined below, sustaining Examiner E. W. Pratt; WHAD, Marquette University, Milwaukee, Wis., granted renewal of license, 1120 kc., 250 watts, hours of operation: 9:30 to 10:15 A.M. each day of the week; 3 to 4 P.M. each day of the week; 8:30 to 9 P.M. Monday Tuesday and Wednesday of each week; 8:30 to 9:30 P.M. Thursdays of each week, and 8:30 to 11 P.M. Friday of each week, sustaining Examiner E. W. Pratt.

X X X X X X X



PATENTS, TRADE-MARKS AND DESIGNS

The following patents were granted during the week ending February 23, 1932:

- 1,846,043. Electron Tube Circuit. Frederick E. Terman, Stanford University, Calif., assignor to Wired Radio, Inc., New York, N.Y. Filed November 7, 1929.
- 1,846,055. Sound Translating Apparatus. Frederick W. Hochstetter, Pittsburgh, Pa. Filed March 19, 1929.
- 1,846,242. Electrode and Method of Making the Same. Focsaneanu Alexander and James P. Gibson, New York, N. Y., assignors to Argco Tube and Television Corporation. Filed January 5, 1929.
- 1,846,289. Radio Station Finder. Anthony J. Vasselli, Newark, N. J. Filed March 1, 1928.
- 1,846,314. Beat Frequency and Phase Indicator. Alfred Crossley, South Haven, Mich. Filed April 18, 1929.
- 1,846,351. Electrodynamic Sound-Reproducing Device. Leonard Walter Murkham and Douglas Temple Bennett, London, England. Filed December 23, 1930, and in Great Britain June 13, 1930.
- 1,846,378. Pin Holder for Phonograph Records. Arthur M. Acheson, Dobbs Ferry, N. Y., assignor to Durium Products Corporation, New York, N. Y. Filed May 28, 1930.
- 1,846,411. Tuning Dial for Radios. Joseph J. Warren, Pittsburg, Pa. Filed December 26, 1930.
- 1,846,531. Electromagnetic Recording Arrangement for Acoustic Vibrations. Curt Stille, Berlin, Germany, assignor to Telegraphie-Patent-Syndikat G.M.b.H., Berlin, Germany. Filed April 12, 1929, and in Germany September 26, 1928.
- 1,846,534. Building for Use in Sound Recording. Christian A. Volf, Jr., Weehawken, N. J., assignor to John Gourlie, New York, N. Y. Filed March 27, 1929.
- 1,846,569. Apparatus for Reproducing Photographic Sound Records. Freeman H. Owens, New York, N. Y., assignor to Owens Development Corporation, New York, N. Y. Filed June 18, 1929.
- 1,846,597. Radio Circuit and Method of Operating Same. Frederick W. Hochstetter, Pittsburgh, Pa. Filed December 4, 1929.

- 1,846,616. Volume Control. William H. Schaeffer, Philadelphia, Pa., assignor to Atwater Kent Manufacturing Co., Philadelphia, Pa. Filed April 4, 1931.
- 1,846,701. Radio Frequency Transformer. Harold A. Wheeler, Jackson Heights, N. Y., assignor to Hazeltine Corporation. Original application filed June 20, 1929. Divided and this application filed May 28, 1930.
- 1,846,708. Electrical apparatus. Paul H. Crago, Wilkinsburg, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa. Filed July 27, 1929.
- 1,846,871. Electric Phonograph Pick Up. William H. Hutter, Racine, Wis., assignor to Webster Electric Company, Racine, Wis. Filed September 4, 1930.
- 1,846,888. High Frequency Detector. Elmer D. McArthur, Schenectady, N. Y., assignor to General Electric Company. Filed April 19, 1929.
- 1,846,910. Electric Wave Indicator. Ferdinand Schneider, Fulda, Germany. Filed March 1, 1928, and in Germany March 15, 1927.
- 1,846,937. Diaphragm for Loud Speakers. Alda V. Bedford, Schenectady, N. Y., assignor to General Electric Company. Filed May 9, 1930.

Trade-Mark Application Received

Ser. No. 322,908. Trav-Ler Manufacturing Corporation, St. Louis, Mo. Filed January 7, 1932. Trade-Mark: TRAVEL-AIRE[®], for Radio Receiving Sets and Parts thereof, unitary transmitting and/or receiving apparatus suitable for the transmission and reception of images, pictures, facsimiles, graphical representations and the like, and parts thereof consisting in photo-electric cells, light sensitive relays, lamps, radio receiving and transmitting sets, electric motors, and scanner devices. Claims use since December 18, 1931.

Trade-Mark Registration Not Subject To Opposition

291,986. Arcturus Radio Tube Co., Newark, N. J. Filed September 19, 1931. Serial No. 319,199. The Trade-Mark consists of a blue figure of flaring shape with the larger end rounded and the smaller end cut square. The lining on the drawing indicates the blue color. For Electron Emission Tubes and parts thereof. Claims use since January 2, 1927.

DESIGNS: 86,335. Combination Radio Cabinet and Clock. William Scheibel, Bronx, N. Y., assignor to Bulova Watch Co., Inc., New York, N. Y. Filed June 19, 1931. Term of patent $3\frac{1}{2}$ years.

86,340. Radio Cabinet. James Tillotson, Jr., Jamestown and Jan Streng, New York, N. Y., assignors to Kolster Radio, Inc., New York, N. Y. Filed Sept. 25, 1931. Term of patent $3\frac{1}{2}$ years.

X X X X X X X

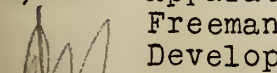
No. 512

HEINL RADIO BUSINESS LETTER

March 17, 1932.

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

The following patents were granted during the weeks of
March 1, 8 and 15, 1932:

- 1,847,079. Wave Modulation and Application Thereof. Everett T. Burton, Jackson Heights, N. Y., assignor to Western Electric Co., Inc., New York, N. Y. Filed December 21, 1926.
- 1,847,089. Radio Receiving System. Raymond A. Heising, Millburn, N. J., and John F. Farrington, Flushing, N. Y., assignors to Bell Telephone Laboratories, Inc., New York, N. Y. Filed October 9, 1925.
- 1,847,124. Oscillation Generator. Warren A. Marrison, East Orange, N. J., assignor to Western Electric Co., Inc., New York, N. Y. Filed August 5, 1924.
- 1,847,142. Means and Method for Signaling By Electric Waves. Leon J. Sivian, East Orange, N. J., assignor to Western Electric Co., Inc., New York, N. Y. Filed December 5, 1923. Renewed February 11, 1930.
- 1,847,145. Amplifier System. James E. Tarr, Orange, N. J., assignor to Bell Telephone Laboratories, Inc., New York, N. Y. Filed June 7, 1930.
- 1,847,151. Transmitter of Variably Biased Impulses. Edward F. Watson, Larchmont, and Arthur E. Hunt, Brooklyn, N. Y., assignors to American Telephone & Telegraph Co. Filed August 13, 1930.
- 1,847,160. Frequency Control. Herman A. Affel, Ridgewood, N. J., assignor to American Telephone and Telegraph Co. Filed March 11, 1931.
- 1,847,190. Electric Wave Signaling System. Warren A. Marrison, East Orange, N. J., assignor to Western Electric Co., Inc., New York, N. Y. Filed September 2, 1924.
- 1,847,308. Television Lamp. Henry K. Sandell, Chicago, Ill., assignor to Mills Novelty Co., Chicago, Ill. Filed June 12, 1930.
- 1,847,456. Loud Speaker. Julius Weinberger and Irving Wolff, New York, N. Y., assignors to Radio Corporation of America. Original application filed March 31, 1927. Divided and this application filed April 24, 1930.
- 1,847,535. Apparatus for Reproducing Photographic Sound Records. Freeman H. Owens, New York, N. Y., assignor to Owens Development Corp., New York. Filed March 20, 1929.
- 

- 1,847,636. Vibration Recording and Reproducing Apparatus. John B. Taylor, Schenectady, N. Y., assignor to General Electric Company. Filed November 28, 1927.
- 1,847,637. Metallic Vapor Rectifier. Stefan Widmer, Baden, Switzerland, assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Filed September 13, 1929, and in Germany September 20, 1928.
- 1,847,638. Metallic Vapor Rectifier. Stefan Widmer, Baden, Switzerland, assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Filed September 13, 1929, and in Germany September 20, 1928.
- 1,847,646. Electric Power Rectifier Cathode Construction. Arthur Gaudenzi, Baden, Switzerland, assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Filed March 15, 1929, and in Germany March 15, 1928.
- 1,847,669. Electron Tube Apparatus. Samuel Ruben, New York, N. Y., assignor to Ruben Patents Co., New York, N. Y. Filed April 16, 1925.
- 1,847,759. Filter Circuit for Radio Receiving Sets. David Grimes, Grasmere, N. Y., assignor to Radio Corporation of America. Filed November 2, 1926.
- 1,847,872. Antenna Shield for Eliminating Interference and Undesirable Waves. Erle H. Hand, New York, N. Y. Filed March 7, 1928.
- 1,847,873. Air Sound Apparatus. Heinrich Hecht and Ulrich John, Kiel Germany, assignors to Electro-Acoustic Gesellschaft mit beschränkter Haftung, Kiel, Germany. Filed April 17, 1928, and in Germany May 7, 1927.
- 1,847,886. Base for Electric Discharge Devices. Dudley A. Mullaney, Schenectady, N. Y., assignor to General Electric Co. Filed June 18, 1926.
- 1,847,907. Acoustic Diaphragm. Heinrich Stensel, Berlin-Steglitz, Germany, assignor to General Electric Co. Filed June 16, 1930, and in Germany July 19, 1929.
- 1,847,927. Gaseous Conduction Device. Ernest E. Charlton, Schenectady, N. Y., assignor to General Electric Co. Filed July 17, 1924.
- 1,847,935. Sound Control Apparatus. Clair L. Farrand, Forest Hills, N. Y., assignor to Ektophone Corporation, New York, N.Y. Original application filed April 23, 1921. Divided and this application filed October 17, 1925.

- 1,848,067. Mercury-Arc Rectifier. Alfred Siemens and Moritz Schenkel, Berlin-Charlottenburg, Germany, assignors to Westinghouse Electric and Manufacturing Co. Filed January 28, 1930, and in Germany October 13, 1927.
- 1,848,126. Generation and Modulation of Electric Waves. Raymond A. Heising, Millburn, N. J., assignor to Western Electric Co., Inc., New York, N. Y. Filed August 18, 1927.
- 1,848,133. Transmitter. Fred H. Kroger, New York, N. Y., assignor to Radio Corporation of America. Filed July 5, 1928.
- 1,848,134. Electrical Testing System. Kenneth B. Lambert, Glen Ridge, N. J., assignor to Bell Telephone Laboratories, Inc., New York, N. Y. Filed March 24, 1928.
- 1,848,139. Sound Reproducing Device. Martin Nystrom, Chicago, Ill., assignor, by mesne assignments, to United Research Corp., Long Island City, N. Y. Original application filed April 10, 1926, Divided and this application filed March 31, 1928.
- 1,848,187. Vacuum Tube Amplifier. James O. McNally, Maplewood, N.J., assignor to Bell Telephone Laboratories, Inc., New York, N. Y. Filed July 9, 1930.
- 1,848,209. Vacuum Tube Circuits. Charles E. Strong, Paris, France, assignor to Western Electric Co., Inc., New York, N.Y. Filed September 11, 1930, and in Great Britain, December 5, 1929.
- 1,848,220. Energy Control Arrangement. Russell H. Lindsay, New York, N. Y., assignor to American Telephone & Telegraph Co. Filed August 26, 1927.
- 1,848,222. Producing Musical Sounds. Ralph K. Potter, Morris, N.J., assignor to American Telephone & Telegraph Co. Filed May 29, 1929.
- 1,848,279. Electric Rectifying Apparatus. Samuel Spagnola, Tuckahoe, N. Y. Filed July 23, 1928.
- 1,848,324. Television System. Chester L. Davis, Keokuk, Iowa, assignor to Wired Radio, Inc., New York, N. Y. Filed December 18, 1929.
- 1,848,433. Loud Speaker Element. Edwin S. Pridham, Oakland, Calif., assignor to The Magnavox Company, Oakland, Calif. Filed September 9, 1929.
- 1,848,507. Multiple Generator. Mauritz Vos and Hakan Karl August Sterky, Stockholm, Sweden, assignors to Telefonaktiebolaget L. M. Ericsson, Stockholm, Sweden. Filed September 24, 1929, and in Sweden, October 8, 1928.

- 1,848,575. Multiple Cell Reproducing Apparatus. Freeman H. Owens, New York, N. Y., assignor to Owens Development Corp. New York. Filed April 1, 1929.
- 1,848,594. Oscillator Circuits. Robert H. Worrall, Washington, D. C., assignor, by mesne assignments, to Federal Telegraph Co. Filed September 6, 1927.
- 1,848,630. Piezo-Electric Crystal. Edward O. Hulburt, Washington, D. C. Filed December 23, 1925. Renewed August 5, 1931.
- 1,848,808. Film Sound Reproducer. John B. Taylor, Schenectady, N. Y. Filed June 20, 1930 and assigned to General Electric Co., Schenectady, N. Y.
- 1,848,814. Image-forming, Transmitting and Reproducing Apparatus. Raymond P. Allen, Akron, Ohio. Filed October 10, 1928.
- 1,848,823. Oscillator Coupling Circuit for Heterodyne Receivers. Wendell L. Carlson, Haddonfield, N. J., assignor to General Electric Co. Filed October 7, 1930.
- 1,848,839. Method and Means for Reproducing and Transmitting Pictures. Richard Howland Ranger, Newark, N. J., assignor to Radio Corporation of America. Filed Feb. 20, 1924, Renewed December 24, 1930.
- 1,848,840. Method of and Means for Reproducing and Transmitting Pictures. Richard Howland Ranger, Newark, N. J., assignor to Radio Corporation of America. Original application filed February 26, 1924. Divided and this application filed February 7, 1929.
- 1,848,862. Picture Receiving Apparatus. Charles J. Young, Schenectady, N. Y., assignor to General Electric Co. Filed March 27, 1929.
- 1,848,866. Polyphase Radio Frequency System. Walter R. G. Baker, Schenectady, N. Y., assignor to General Electric Co. Filed April 18, 1925.
- 1,848,872. Electrical Condenser. Stanley S. Cramer, Haddon Heights, N. J., assignor to Radio Condenser Company, Camden, N. J. Filed April 23, 1930.
- 1,848,882. Light Electric Regulating Device. Herbert Hausrath, Durlach, near Karlsruhe, and Hermann Saacke, Kiel, Germany, assignors to the Firm Neufeldt & Kuhnke, Betriebsgesellschaft m.b.H., Kiel, Germany. Filed February 7, 1928, and in Germany Feb. 10, 1927.
- 1,848,886. Sound Recording and Reproducing. Charles A. Hoxie, Alplaus, N. Y., assignor to General Electric Co. Filed October 30, 1926.

- 1,848,388. Transmission and Reception of Pictures. James M. Kendall, Schenectady, N. Y., assignor to General Electric Co. Filed August 20, 1929.
- 1,848,912. High Frequency Signal Transmission Circuits. Albert H. Taylor, and Leo C. Young, Washington, D. C., assignors, by mesne assignments, to Federal Telegraph Company. Filed October 12, 1927.
- 1,848,973. Recording and Reproducing Phonographic Diaphragm Device. Armando Alvares Penteado, Paris, France. Filed August 18, 1930, and in France June 12, 1930.
- 1,849,014. Means and Method of Making Phonograph Records. William W. McLaren, Birmingham, Ala. Filed October 30, 1928.
- 1,849,056. Electron Discharge Device. Sylvester W. Crowley, Hillside, N. J., assignor to DeForest Radio Co., Passaic, N. J. Original application filed March 1, 1924. Divided and this application filed March 14, 1930.
- 1,849,157. Insulating Coating for Filaments. Samuel Ruben, New York, N. Y., assignor to Ruben Tube Company, Englewood, N. J. Filed September 23, 1929.
- 1,849,271. Oscillation Generator. Ward E. Bower, Washington, D. C. Filed January 25, 1929.
- 1,849,379. Radio Finder. George C. Passek, Philadelphia, Pa. Filed March 18, 1931.
- 1,849,477. Electrical Amplifying System. Walter John Brown, Brooklands, England, assignor to Associated Electrical Industries, Limited, London, England. Filed August 9, 1927, and in Great Britain September 10, 1926.
- 1,849,486. Multiple Unit Sound Amplifier. Carleton D. Haigis, Haddonfield, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Filed April 6, 1927.
- 1,849,488. Multiplex Transmission. Clinton R. Hanna, Edgewood, Pa., assignor to Westinghouse Electric & Manufacturing Co. Filed March 27, 1928.
- 1,849,495. Sound Reproducing Device. Frederick W. Lyle, Wilkesburg, Pa., assignor to Westinghouse Electric & Manufacturing Co. Filed September 18, 1929.
- 1,849,499. Condenser. Kenneth M. McLaughlin, Philadelphia, Pa., assignor to Atwater Kent Manufacturing Co., Philadelphia, Pa. Filed September 29, 1930.

- 1,849,527. Electron Discharge Device and Process of Making The Same. Frederick L. Hunter, Jr., Towaco, N. J., assignor to DeForest Radio Telephone & Telegraph Co., Jersey City, N. J. Filed May 10, 1924.
- 1,849,594. Oxide Cathode. Fritz Schroter, Berlin, Germany, assignor to Telefunken Gesellschaft fur Drahtlose Telegraphie m.b.H., Berlin, Germany. Filed June 12, 1929, and in Germany June 9, 1928.
- 1,849,608. Signaling. Harold H. Beverage, Riverhead, N. Y., assignor to Radio Corporation of America. Filed November 19, 1928.
- 1,849,620. Signaling. Clarence W. Hansell, Port Jefferson, Long Island, N. Y., assignor to Radio Corporation of America. Filed January 16, 1930.
- 1,849,632. Volume Control Combining System. John B. Moore, Riverhead, N. Y., assignor to Radio Corporation of America. Filed November 16, 1928.
- 1,849,641. Mechanical Wave Transmission Device. Edward Kenneth Sandeman, Aldwych, London, England, assignor to Western Electric Company, Inc., New York, N. Y. Filed May 16, 1930, and in France September 30, 1929.
- 1,849,651. Radio Apparatus. Sidney E. Anderson, Maplewood, N. J., assignor to Western Electric Company, Inc., New York, N. Y. Filed October 24, 1924.
- 1,849,679. Television. Harold J. McCreary, Chicago, Ill., assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. original application filed November 9, 1928. Divided and this application filed December 18, 1930.
- 1,849,710. Humidifier. Stanley S. Cramer, Haddon Heights, N. J., assignor to Radio Condenser Company, Camden, N. J. Filed March 12, 1929.
- 1,849,818. Picture Transmission, Alda V. Bedford, Collingswood, N. J., assignor to General Electric Company. Filed September 19, 1930.
- 1,849,819. Sound Recording and Reproducing Apparatus. Alda V. Bedford, Merchantville, N. J., assignor to General Electric Co. Filed August 4, 1930.
- 1,849,839. Transmission of Pictures. Ray D. Kell, Scotia, N. Y., assignor to General Electric Company. Filed November 16, 1929.

- 1,849,840. Horn for Auditorium Sound Reproduction. Edward W. Kellogg Moorestown, N. J., assignor to General Electric Company. Filed April 18, 1930.
- 1,849,848. Electric Discharge Apparatus. George F. Murphy, Schenectady, N. Y., assignor to General Electric Co. Filed June 27, 1929.
- 1,849,859. Method of Eliminating Fading. Julius Weinberger, New York, N. Y., assignor to Radio Corporation of America. Filed September 15, 1927.
- 1,849,865. Radio Transmitting System. Robert L. Davis, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Co. Filed March 27, 1928.
- 1,849,884. Side Band Selector Receiver. Harold O. Peterson, Riverhead, N. Y., assignor to Radio Corporation of America. Filed November 19, 1928.
- 1,849,891. Electric Microphone. Paul Douglas Tyers, Watford, England, assignor to Igranic Electric Company, Ltd., London, England. Filed May 28, 1928, and in Great Britain, June 2, 1927.
- 1,849,927. Radio Direction Indicator. James M. Howe, Cleveland Heights, Ohio. Filed February 15, 1926.
- 1,849,967. Radio Receiver. Theodore C. Van Trabert, Bronx, N. Y. Continuation of application Serial No. 233,748, filed November 17, 1927. This application filed January 23, 1928.

Reissues

- 18,367. Vacuum Tube. Samuel Ruben, New Rochelle, N. Y., assignor to Ruben Tube Company, Englewood, N. J. Original No. 1,815,931 dated July 28, 1931 filed February 8, 1930. Application for reissue filed December 19, 1931.
- 18,372. Scanning System for Television. Alexander McLean Nicolson, New York, N. Y., assignor to Communication Patents, Inc., New York, N. Y. Original No. 1,779,749, dated October 28, 1930. Serial No. 228,712, filed October 26, 1927. Renewed March 21, 1930. Application for reissue filed December 19, 1930.

Patent Suits

1,811,099, L. W. Stonequist, Radio apparatus, filed December 31, 1931, D.C., N.D., Ill., E. Div., Doc. 11297, L. W. Stonequist et al. v. Carter Radio Co.

Trade-Marks

(Applications Received)

- Ser. No. 308,958. The Replitura Corporation, Stamford, Conn. Filed December 13, 1930. "REPLITURA" for Radio Receiving Sets and Tuning Apparatus Therefor. Claims use since November 24, 1930.
- Ser. No. 321,435. National Union Radio Corporation, Newark, N. J. Filed November 23, 1931. "TELEVOCAL" for Radio Electron Tubes. Claims use since October, 1924.
- Ser. No. 322,377. Cable Radio Tube Corporation, Brooklyn, N. Y. Filed December 23, 1931. "SPEED" for Vacuum Tubes. Claims use since January 1, 1925.
- Ser. No. 322,461. Gilby Wire Company, Newark, N. J. / ^{Filed Dec. 26, 1931} "GILGRID" for Wire, Sheet and Ribbon for Grids, Plates, and Support Wires for Radio Tube Parts. Claims use since June 5, 1931.
- Ser. No. 322,462. Gilby Wire Company, Newark, N. J. Filed December 26, 1931. Letter "G" with the word "GOOD" written underneath it and the word "WIRE" written over the letter "W". The words "Good Wire" are disclaimed apart from the mark shown in the drawing. For electrical resistance and treating wires; radio tube parts such as filaments, plates, grids and support wires; fuse wires, and sheet, ribbons and rods for electrical purposes and uses. Claims use since April 26, 1930.
- Ser. No. 322,642. International Resistance Company, Philadelphia, Pa. Filed January 2, 1932. "I R C" for Resistors such as used in Radio Apparatus. Claims use since February, 1931.
- Ser. No. 321,926. Robert B. Wheelan, doing business as Wheelan Studios, New York, N. Y. Filed December 8, 1931. "TEL·A·RECORD" No. claim is made to the word "Record" apart from the mark shown in the drawing. For Talking Machine Records or Discs. Claims use since November 10, 1931.
- Ser. No. 321,215. RCA Victor Company, Inc., Camden, N. J. Filed November 17, 1931. "BROADCAST NEWS" for Publications issued from time to time. Claims use since October 20, 1931.

- Ser. No. 322,544. Cable Radio Tube Corporation, Brooklyn, N. Y. Filed December 30, 1931. "TRIPLE TWIN" for Electron Tubes. Claims use since September, 1931.
- Ser. No. 322,881. Driver-Harris Company, Harrison, N. J. Filed January 11, 1932. "Gridnic" for Metallic Wire and strips for use for parts of Radio Tubes. Claims use since December 28, 1931.
- Ser. No. 322,892. Radio Television Industries Corporation, Waltham and Boston, Mass. Filed January 11, 1932. Trade-Mark is picture of a double circle with the words "Lapel-Mike" and "R-T-I-C" written in the space between the two circles and within the inner circle a harp-shaped portion with rays extending therefrom. The word "Lapel-Mike" is disclaimed apart from the mark shown in the drawing. For Microphones used in Radio Broadcasting. Claims use since December 9, 1931.
- Ser. No. 322,330. Remsen Corporation, New York, N. Y. Filed December 21, 1931. "REMSEN-DISC". The word "Disc" is disclaimed apart from the mark shown in the drawing. For Phonograph Records. Claims use since December 11, 1930.
- Ser. No. 319,629. Weston Electrical Instrument Corporation, Newark, N. J. Filed October 1, 1931. "PHOTRONIC" for Light Sensitive Cells, Claims use since September 25, 1931.
- Ser. No. 322,566. Thomaston Laboratories, Inc., New York, N. Y. Filed December 30, 1931. "TOM LAB" for Microphones, Transformers, Assembled Amplifying Units, Loud Speakers and Pick Ups. Claims use since January 15, 1930.

Trade-Mark Registrations Granted

- 292,022. Radio Receiving Sets, Short Wave Converters, Radio Converters, Radio and Audio Amplifying Sets, and Public Address System. Samuel Roth, doing business as Federated Purchaser, New York, N. Y. Filed October 23, 1931. Published December 15, 1931.
- 292,046. Unitary Transmitting and/or Receiving Apparatus. Trav-Ler Manufacturing Corporation, St. Louis, Mo. Filed October 29, 1931. Published December 15, 1931.
- 292,118. Radio Receiving Sets and Current Converting Devices. A-C-Verter Lab., Kansas City, Mo. Filed October 15, 1931. Published December 15, 1931.

Label

- 40,461. - Title: VICTORLAC. For Phonograph Records. RCA Victor Company, Inc., Camden, N. J. Published January 20, 1932.

Designs

- 86,439. Combined Projected Picture Cabinet and Screen. Austin Day Brixey, Greenwich, Conn., assignor to The Replitura Corp., Filed June 24, 1931. Term of patent 14 years.
- 86,440. Radio Cabinet. Edward L. Combs, Philadelphia, Pa., assignor to Philadelphia Storage Battery Co., Philadelphia, Pa. Filed January 15, 1932. Term of patent 14 years.
- 86,500. Radio Cabinet or the like. Everett Worthington, Chicago, Ill., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Filed January 12, 1932. Term of patent $3\frac{1}{2}$ years.
- 86,417. Radio Cabinet. Otto P. Spitzer, Chicago, Ill. Filed November 20, 1931. Term of patent $3\frac{1}{2}$ years.
- 86,421. Radio Cabinet. James Tillotson, Jr., Jameswoth, and Jan Streng, New York, N. Y., assignors to Kolster Radio, Inc., New York, N. Y. Filed September 25, 1931. Term of patent $3\frac{1}{2}$ years.
- 86,509. Cabinet for Radio Receivers. James I. Benjamin, Lawrence, Mass., assignor to Pilot Radio and Tube Corporation, Lawrence, Mass. Filed September 29, 1931. Term of patent $3\frac{1}{2}$ years.

X X X X X X X X