

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 :: :: **CONFIDENTIAL—NOT FOR PUBLICATION.** :: ::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. 434

NEW ORDER GOVERNING OPERATORS

The following General Order (No. 113), governing the assignment of duties to radio operators and the transmitters of broadcasting, commercial, and amateur stations, was adopted this week by the Federal Radio Commission:

I. All stations licensed under the Radio Act of 1927, shall keep the licensed operator or operators of the grade specified by the Secretary of Commerce on duty during all periods of actual operation^{at} the place where the radio transmitting apparatus is located; provided, however, that in the case of a remotely controlled transmitter delivering power to the antenna not in excess of 1,000 watts, operating on frequencies other than those in the broadcast band (550 to 1500 kilocycles), the Commission may authorize such operator or operators to be on duty at the control station during all periods of operation of the station if and when

(1) The transmitter can be properly operated in accordance with the terms of the station's license, and

(2) The transmitter will be monitored from the control station with apparatus which will permit placing the transmitter in an inoperative condition in the event there is a deviation from the terms of the license, in which case the radiation of the transmitter shall be suspended immediately until corrective measures are effectively applied to place the transmitter in proper condition for operation in accordance with the terms of the station license, and,

(3) The separation between the transmitter and the remote control station does not exceed five miles by air line distance, and,

(4) The transmitter is so located or housed that it is not accessible to other than duly authorized persons.

II. A licensed operator in charge of the transmitter on duty as specified hereinabove may be employed at the discretion of the licensee for additional operator's duties commensurate with the grade of operator's license which he holds.

III. The person manipulating the transmitting key of manually operated radio-telegraph mobile or amateur transmitting station shall be a regular licensed operator. The licensees of other stations which are operated under the constant supervision of duly licensed operators may permit any person or persons, whether licensed or not, to transmit by voice or otherwise, in accordance with the type or types of emissions specified by their respective licenses.

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U. S. GROUP GOES TO COPENHAGEN

The United States delegation to the meeting of the International Technical Consulting Committee on Radio Communications, which meets in Copenhagen, Denmark, May 27th to June 8th, sailed this week.

Technical progress in the radio field the world over and engineering problems will be considered at the conference. The meeting, which is the second of the committee since the Washington convention, will be in a measure preparatory to the International Radiotelegraph Conference in Madrid next year.

Senator-elect Wallace White, Jr., of Maine, is Chairman of the delegation appointed by President Hoover, while Dr. C. B. Jolliffe, Chief Engineer of the Radio Commission, and Dr. J. H. Dellinger, Chief of the Radio Section of the Bureau of Standards, are the other members.

Technical assistants who accompanied the delegates are: Dr. Irvin Stewart, Department of State; Gerald C. Gross, Short Wave Expert of the Radio Commission; Lieut. Commdr. Joseph R. Redman, Navy; Lieuts. Wesley T. Guest and Thomas H. Maddocks, Army Signal Corps; and Dr. C. G. McIlwraith, Bureau of Standards. Capt. Kenneth B. Warner, secretary of the American Radio Relay League, is technical adviser.

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EDITORS QUERIED ON RADIO TOPICS

Questionnaires have been sent to all members of the Newspaper Radio Editors' Association regarding their experience and observation on the relation of radio to newspaper advertising and the trend of radio news.

Questions concerning the use of trade names in programs, the practice of charging advertising rates for program insertions, the amount and character of radio news used, and the extent and value of spotlight advertising are asked.

Likewise the editors are requested to name the network programs which are the best and those that are the worst examples of good taste in commercial display. An opinion is asked on the relative merits of the European and the American plans of broadcasting.

Results of the survey, though no names, will be published following the Radio Trade Show in Chicago, on June 9th. Sol Taishoff, Secretary-Treasurer of the Association, is conducting the investigation.

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SUIT AGAINST JENKINS DISMISSED

The suit brought by the Radio Service Corporation of America, of Jamaica, N. Y., against C. Francis Jenkins, of Washington, to compel the inventor to make an accounting for huge sums of money realized by him on the sale of his television patents, was dismissed Tuesday by Justice Proctor in the District of Columbia Supreme Court.

The Radio Service Corporation claimed it held a contract with Mr. Jenkins for the development and exploitation of his patents regarding television. Justice Proctor held, however, that the written contract between the inventor and the corporation had been allowed to expire in 1927, and that there had been no continuing agreement thereafter between the parties.

As a matter of right, therefore, he held Mr. Jenkins was within his legal bounds when he negotiated with others for the sale of his valuable patents. The inventor then sold his rights to a new corporation known as the Jenkins Television Corporation, now controlled by the DeForest Radio Corporation. He has realized \$2,000,000 already, it was shown, and the corporation has received approximately \$15,000,000.

In the finding of facts, Justice Proctor said: "The writings by and between the parties and their coincident conduct are, in my opinion, consistent with the theory of good faith and honorable conduct upon the part of the defendant Jenkins."

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OUTLAW STATIONS SAID TO FLOURISH

The Federal radio police have been instructed to clean up the outlaw radio stations along the Atlantic Coast and the Gulf of Mexico which are reported to be aiding rum runners and other smugglers to dodge Coast Guardsmen and Revenue Agents in entering this country.

William E. Downey, Acting Director of the Radio Division of the Department of Commerce, this week estimated that there are scores of such unlicensed radio stations in operation, using both voice and code, and usually utilizing high frequencies.

Although occasionally a licensed station is found to be aiding rum runners, Mr. Downey said, practically all of the offenses are done by the outlaw stations.

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RCA COUNSEL CONFERS WITH COMMISSION

Preparatory to the formal hearing set for June 15th, at which time the applications of the Radio Corporation of America and its subsidiaries for license renewals will be considered, RCA attorneys and counsel for the Federal Radio Commission held a conference this week.

Col. Manton Davis, Vice-President and General Counsel of the Radio Corporation, together with A. L. Ashby, Vice-President and General Counsel of the National Broadcasting Company, and Louis Titus attorney for the RCA subsidiaries, attended the parley. Duke M. Patrick, Assistant General Counsel, represented the Radio Commission.

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STATION WLS SPONSORS TENT SHOW

Variety carries the following story under a Chicago date-line:

"Radio goes on the road as impressario under canvas when Station WLS sends out its troupe for a summer tour through this vicinity. WLS Showboat, as it's known, opens at La Porte, Ind., May 30th. Plans are to spend three days in each town giving a different show each day. Area covered takes in a radius of 100 miles of Chicago, ensuring radio coverage.

"Backing the show are the station and New Morgan, who split half the proceeds, and Earle Ross who grabs off the other half for supplying the tent and equipment besides managing the outfit. Ross last year had a tent stock company out in the suburbs.

"Show will carry 25 persons, 10 of whom go over the air regularly over the WLS transmitter. Station has a strong following among the farmers of the area."

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RADIO CENSUS IN IDAHO 32,869

Only 30.3 per cent of the families in Idaho possessed radio receiving sets when the national census was taken last year, the Census Bureau has just reported.

Out of a total of 108,515 families, 32,869 reported radio sets. An average of 4.1 persons was found in a household.

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BUSINESS LETTER BRIEFS

A radio message was relayed this week with the aid of the American Radio Relay League from the National Geographic Society expedition at Meshed, Persia, to Station W3BWT, operated by Eppa W. Darne, of Washington. The message was transmitted by way of Beyreuth, Syria, and WIBDI in Connecticut.

During the illness of Philip Snowden, Chancellor of the Exchequer, in London, the Daily Herald quoted Mrs. Snowden this week in what was described at the "first interview by television in history." Both the interviewer and Mrs. Snowden were visible as well as audible to each other though one was in the Herald's office and the other at 11 Downing Street.

Call letters WixG have been granted by the Federal Radio Commission to the Shortwave and Television Corporation of Boston for use on the new ultra-short or quasi-optical wave lengths of from 5 to 10 meters. According to Hollis S. Baird, Chief Engineer of the Corporation, in charge of research and development, the equipment for the new station is now in the process of construction.

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COLUMBIA ADDS 83RD STATION

With the addition of Station KGB, San Diego, Calif., to its chain, the Columbia Broadcasting System now has a total of 83 affiliated stations, further increasing its lead over all other networks in the world.

A member of the Don Lee West Coast network as well as of the nationwide system, KGB has just been equipped with a new 1,000 watt transmitter with hundred per cent modulation and crystal control. It will operate continuously seventeen hours a day.

Beginning May 23rd, WWVA, at Wheeling, W. Va., will become permanently a part of the network, using 5,000 watts, or ten times as much power as any other station in the State. That station has been affiliated with Columbia on a temporary basis.

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APPLICATIONS RECEIVED BY FEDERAL RADIO COMMISSION

May 11 - Fred H. Goss, Boston, Mass., C. P. to erect new station to use 1500 kc., 100 watts night and 250 watts day, and unlimited time; WCOH, Westchester Broadcasting Corporation, Yonkers, N. Y., modification of license to change frequency from 1210 kc., to 1050 kc., change hours of operation from sharing with WGBB, WJBI and WMRJ, to unlimited; WJBK, James F. Hopkins, Inc., Highland Park, Mich., modification of license to change studio location to Detroit, Mich.; WGAR, WGAR Broadcasting Co., Cleveland, Ohio, modification of C. P. amended to request approval of transmitter location to Village of Cuyahoga Heights, Ohio; H. P. Everett, Linwood Morris, and R. T. Crabb, d/b as Americus Broadcast Co., Americus, Ga., C. P. amended to request facilities of WMBR in terms of units; WJDX, Lamar Life Insurance Company, Jackson, Miss., modification of license to change frequency 1270 kc., to 600 kc., and power from 1 KW to 1 KW day, 500 watts night; The American Legion, Dept. of Missouri, Donald Holden Post No. 106, Albany, Mo., C. P. amended to request 1200 kc., instead of 1440 kc., and 100 watts instead of 250 watts; KELW, Earl L. White, Burbank, Calif., C. P. to install new equipment including direct crystal control; KMJ, James McClatchy Co., Fresno, Calif., license to cover C. P. to change equipment.

May 12 - David Stein & Benjamin Perlstein, Niagara Falls, N. Y., C. P. to erect a new station to use 1370 kc., 50 watts, and share with WSVS; WJZ, National Broadcasting Company, Inc., New York, N. Y., modification of C. P. to extend completion date to 8/8/31; WTAG, Worcester Telegram Publishing Co., Worcester, Mass., license to cover C. P. granted 3/20/31 for new equipment; Clarence M. Doyle, Philadelphia, Pa., C. P. amended to request 50 watts instead of 250 watts on 930 kc.; WKZO, WKZO, Inc., Berrien Springs, Mich., modification of C. P. requesting approval of transmitter location selected in Kalamazoo Co., Mich., and studio at Kalamazoo, also extension of commencement and completion dates of permit; WHBQ, Broadcasting Station WHBQ, Inc., Memphis, Tenn., modification of C. P. as to equipment; KFPY, Symons Broadcasting Co., Spokane, Wash., modification of license to change frequency from 1340 kc., to 1220 kc., experimentally while KWSC is not operating during the summer; Stewart A. Heigold, Yuma, Arizona, C. P. amended to request 1420 kc., instead of 1310 kc., and to share with KGGC instead of unlimited hours (facilities of KFQU); KREG, Pacific-Western Broadcasting Fed., Ltd., Santa Ana, Calif., voluntary assignment of license to J. S. Edwards.

May 13 - WDBJ, Richardson-Wayland Electric Corp., Roanoke, Va., voluntary assignment of license to Times-World Corporation; A. E. Hodges and W. R. Winkler, Boone, N. C., C. P. amended to request to share with WFBC instead of unlimited time; Sun Publishing Company, Jackson, Tennessee, C. P. to request a new station at Jackson, Tennessee, to use 600 kc., 500 watts, unlimited hours; Charles Smuck, Springfield, Mo., C. P. amended to request to share with KGIZ instead of unlimited time, on 1500 kc.; S. N. Baruch, trustee for Fresno Broadcasting Co., Fresno, Calif., C. P. to erect a new station to use 1350 kc., 500 watts, unlimited hours of operation; John W. Lieuallen, Moscow, Idaho, C. P. amended to request 1420 kc., instead of 1070 kc.

Applications Other Than Broadcasting

May 12 - City of Grand Rapids, Grand Rapids, Mich., new C. P. for 2458 or 2452 kc., 100 watts, police service; Alaska-Washington Airways, Wing Point, Washington, new C. P. for 2650 kc., 100 watts, aeronautical service; W3XO, American Telephone & Telegraph Co., portable in N. J., renewal of licenses for 6640, 7330, 8570, 10400, 11550, 12890, 13720, 15250, 17280, 19530, 20000, 22070 kc., 10 watts, special experimental; KGPK, City of Sioux City, Sioux City, Iowa, C. P. to increase power to 100 watts, police service; KGM, Alaska Pacific Salmon Corp., Ketchikan, Alaska, renewal of license for 2320 kc., 50 watts, coastal and point-to-point service; Radio Department, Houston Public Schools, Houston, Texas, new C. P. for special experimental service, amateur bands, 150 watts; WSF, Mackay Radio & Telegraph Co., New York City, modification of C. P. for extension of time; Eastern Air Transport, Inc., Plane NC-985-V, new license for 5690, 3070, 3076 kc., 10-15 watts, aircraft.

Also, Aeronautical Radio, Inc.: WEEG, Greensboro, N. C., and WEEF, Spartanburg, S. C., licenses covering C. P.s for 4164, 6320 kc., 350 watts, point-to-point aeronautical; also, at Fort Wayne, Ind., new C. P. for 3082, 3088, 5510 kc., 400 watts, aeronautical; WEEG, Greensboro, N. C., and WEEF, Spartanburg, S. C., licenses covering C. P.s for 3070, 3076, 5690 kc., 350 watts, aeronautical service.

May 13 - KHK, Mutual Telephone Co., Wahiawa, Terr. of Hawaii, license for additional service (Marine Relay) on 143, 500, 5525, 16580, 153, 410, 6515, 16900 kc., 2 KW, and 500 watts; KGPE, City of Kansas City, Mo., Kansas City, Mo., license covering C. P. for 2422 kc., 250 watts, emergency police service; WMDZ, City of Indianapolis, Police Dept., C. P. for change in location, change in equipment, and decrease in power to 300 watts from 500 watts, also request change in call letters to WIPD; Inter-Island Airways, Ltd., new license for NC-305-N aircraft, to experiment in bands 2250 to 2750 kcs., 4000 to 5500 kc., 5500 to 5700 kc., 100 watts.

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DECISIONS OF THE FEDERAL RADIO COMMISSION

The Commission granted the following applications on May 12:

WEDC, Emil Denemark, Inc., Chicago, Ill., C. p. to make changes in equipment decreasing maximum rated power of equipment from 250 to 100 w., in conformity with G.O.'s 91 and 97 (this does not decrease license power); KCRJ, Charles C. Robinson, Jerome, Arizona, and WBNX, Standard Cahill Co., inc., New York City, C. P.s to make changes in equipment to conform to G.O.s 91 and 97; WHIS, Daily Telegraph Printing Co., Bluefield, W. Va., modification of C. P. to make changes in equipment to conform to requirements of G.O.s 91 and 97, decreasing maximum rated power of equipment from 1 KW to 250 watts and extend completion date for 30 days; KFXV, Mary M. Costigan,

Flagstaff, Ariz., C. P. to move transmitter and studio locally in Flagstaff, install new equipment to conform to G.O.s 91 and 97; KPPC, Pasadena Presbyterian Church, Pasadena, Cal., C. P. to install new equipment to conform to G.O. 91 and 97, increasing maximum rated power of equipment from 50 to 100 w., (this does increase licensed power); KFSG, Echo Park Evangelical Association, Los Angeles, Calif., modification of C. P. to make changes in equipment and change commencement date from March 20, 1931 to the day new permit is received, and completion date from June 20 to June 1, 1931; KICK, Red Oak Radio Corp., Red Oak, Iowa, license covering re-location of transmitter and studio; 1420 kc., 100 w., unlimited time; WKBI, WKBI, Inc., Chicago, Ill., renewal of license, 1420 kc., 100 watts, shares with WHFC-WEHS.

Also, WBZA, Westinghouse Electric and Manufacturing Co., Boston, Mass., permission to operate old transmitter of WBZ, at Springfield, Mass., uncer. call letters WBZA with 1 KW power synchronized with WBZ, at Boston, until new transmitter can be constructed with WBZA as auth. by C. P.; WBBC, Brooklyn Broadcasting Corp., Brooklyn, N. Y., license issued covering changes and readjustments made to transmitter so as to comply with G.O. 97 and 111;

Also, Wiley Post, Plane NR-105-W, "Winnie Mae", license for period of 90 days; City of Fort Wayne, Fort Wayne, Ind., C. P. for police service; KGVF, Continental Oil Co., a Nevada Corp., Portable No. 6, license for geophysical exploration purposes; W9XF, National Broadcasting Co., Inc., near Downers Grove, Ill., renewal of license to July 15th.

Set For Hearing

Joe K. Jernigan, Cyril W. Reddoch, Julian C. Smith and J. T. Hubbard, d/b as Troy Broadcasting Co., Troy, Ala., requests C. P. for new station, 1500 kc., 50 w., daytime hours; A. L. Beghtel and Deitrich Dirks, York, Neb., requests C. P. for new station 930 kc., 500 w., night, 1 KW LS share with KMA; WCQ, Ford Motor Co., Lansing, Ill., requests modification of License to change frequency to 389 kc., same request for WFO, Dearborn, Mich., Same Co.; WQDW, Ford Motor Co., Dearborn, Mich., requests renewal of license, 389 kc., 10 watts, unlimited time.

Application Denied

WHL, Penna. Railroad Co., Altoona, Pa., requested authority to operate on 257 kc., emergency service, pending result of the hearing on application for renewal of license; William O. Ansley, Jr., Abilene, Texas (action taken May 11, 1931), denied petition asking Commission to vacate order for rehearing on application for C. P. to be held June 10th, 1931.

WNAD, University of Oklahoma, Norman, Okla., granted permission to remain off the air from April 30th to Oct. 1, 1931.

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PATENTS, PATENT SUITS AND TRADE-MARKS

The following patents were granted during the week ending May 12, 1931:

- 1,804,453. Record Reading Device. Jacob T. Basseches, New York, N.Y., Filed June 14, 1928.
- 1,804,526. Radio Receiving Circuit. Harry B. Coxhead, Hollis, N.Y., assignor to American Telephone and Telegraph Co. Filed September 1, 1926.
- 1,804,559. Signal Receiving and Distributing System. Frank Hoke, Indianapolis, Ind., assignor to Holcomb & Hoke Manufacturing Co. Filed August 12, 1929.
- 1,804,641. Manufacture of Gramophone Records. Noel Pemberton-Billing, Twickenham, England, assignor, by mesne assignments, to American and Dominions Unbreakable Records, Ltd., London, England. Filed November 17, 1926, and in Great Britain November 24, 1925.
- 1,804,675. Signaling System. Henry P. Clausen, Mamaroneck, N. Y., assignor to Bell Telephone Laboratories, Inc., New York, N. Y. Filed March 2, 1927.
- 1,804,676. Radio Apparatus. William J. Dalton, Bridgeport, Conn., assignor to Columbia Phonograph Co., Inc., Bridgeport, Conn. Filed March 5, 1925.
- 1,804,688. Acoustic Device. Henry C. Harrison, Port Washington, N.Y. Assignor to Bell Telephone Laboratories, Inc., New York, N. Y. Filed June 28, 1927.
- 1,804,689. Acoustic Device. Newman H. Holland, Montclair, N. J., assignor to Western Electric Co., New York, N. Y. Filed April 30, 1926.
- 1,804,759. Acoustic Device. Paul B. Flanders, East Orange, N. J., assignor to Bell Telephone Laboratories, Inc., New York, N. Y. Filed April 28, 1928.
- 1,804,830. Prevention of Parasitics in Electron Emission Tube Circuits. Clarence W. Hansell, Port Jefferson, N. Y., assignor to Radio Corporation of America. Filed December 24, 1928.
- 1,804,859. Filtering Electric Currents. George B. Crouse, Stamford, Conn., assignor, by mesne assignments to Conner Crouse Corporation, New York, N. Y. Filed December 12, 1923.
- 1,804,902. Annunciator System. Kenneth B. Walton, Atlantic City, N. J. Filed May 15, 1929.

- 1,804,952. Wave Signaling System. Francis X. Rettenmeyer, Montclair, N. J., assignor to Bell Telephone Laboratories, Inc., New York, N. Y. Filed November 21, 1925.
- 1,805,074. Radio Testing Device. Joel A. Burtch, Cleveland, Ohio, assignor by mesne assignments, to Jewell Electrical Instrument Co. Filed May 22, 1925.
- 1,805,075. Electrical Condenser. Benjamin J. Butler, Somerville, Mass., assignor to Wireless Specialty Apparatus Co., Boston, Mass. Filed Jan. 18, 1928.
- 1,805,089. Radio Testing Device. Douglass Hawley, Minnesota, Minn., assignor to Jewell Electrical Instrument Co., Chicago, Ill. Filed April 23, 1926.
- 1,805,094. Set Checker. Joseph C. Hoover, Detroit, Mich., assignor, by mesne assignments, to Jewell Electrical Instrument Co., Chicago, Ill. Filed October 25, 1926.
- 1,805,187. Apparatus for and Method of Exciting Electrical Oscillations. Tom C. Rives, New Haven, Conn. Filed June 20, 1927.
- 1,805,362. Microphone and Microphone Mounting. Hugh J. Ellis, Berwyn, Ill. Filed October 9, 1929.
- 1,805,390. Message Transmission. Albert B. Clark, Dorchester, Mass., assignor of 40% to Alfred H. Howard, Boston, Mass. Filed February 2, 1929.
- 1,805,446. Radio Broadcasting System. Edward E. Clement, Washington, D. C., assignor to Edward F. Colladay, Washington, D. C. Original application filed Oct. 6, 1923, Patent No. 1,576,309, dated March 9, 1926. Divided and this application filed March 8, 1926.
- 1,806,463. Means for Controlling the Amplitude of Alternating Current. Ernest R. Hentschel, Washington, D. C.; John Olson, administrator of said Ernest R. Hentschel, deceased, assignor to Wired Radio, Inc., New York, N.Y. Filed November 7, 1929.

Adjudicated Patents

(C.C.A. N.Y.) Jones patent No. 1,658,804, for capacitative-coupling control system, claims 1, 2, 4-11 held invalid. Jones v. Freed-Eisemann Radio Corporation, 47 F (2d) 174.

(C.C.A. N. Y.) Jones patent, No. 1,658,805, for capacitative-coupling control system, claims 1-16 held invalid. Id.

Patent Suits

- 1,173,079, E. F. Alexanderson, Selective tuning system; 1,195,632, W. C. White, Circuit connections of electron discharge apparatus; 1,251,377, A. W. Hull, Method of and means for obtaining constant direct current potentials; 1,297,188, I. Langmuir, System for amplifying variable currents; 1,728,879, Rice and Kellogg, Amplifying system, filed March 12, 1931, D. C. E. D. Mo. (St. Louis), Doc. 9412, Radio Corp. of America, et al. v. Trav-Ler Mfg. Corp. Same, filed March 13, 1931, D. C. S. D., Calif (Los Angeles) Doc. T-69-H, Radio Corp. of America et al v. F. R. Smith (Westerner Radio Mfg. Co.) Same, filed March 16, 1931, D. C., S. D. Calif. (Los Angeles), Doc. T-75-H, Radio Corp. of America et al v. May Department Stores Co.
- 1,231,764, F. Lowenstein, Telephone relay; 1,426,754, R. C. Mathes, Circuit for electron discharge device; 1,465,332, H. D. Arnold, Vacuum tube amplifier, filed March 12, 1931, D. C., E. D. Mo. (St. Louis), Doc. 9413-2, Radio Corp. of America et al. V. Trav-Ler Mfg. Corp. Same filed March 13, 1931, D. C., S. D. Calif (Los Angeles), Doc. T-70-H, Radio Corp. of America, et al v. F. R. Smith of Westerner Radio Mfg. Co.) Doc. T-76-H, Radio Corp. of America et al. v. May Dept. Stores Co.;
- 1,271,529, M. C. Hopkins, Acoustic device, D. C. Del., Doc. E 671, Lektophone Corp. v. Robelen Piano Co. Dismissed upon stipulation March 18, 1931. Doc. E. 712, Lektophone Corp. v. Miller Bros. Co., dismissed upon mandate of U. S. Supreme Court March 17, 1931.
- 1,533,858, L. A. Hazeltine, Method and Means for neutralizing capacity coupling in audions, D. C. S. D. N. Y. Doc E 55/216, Hazeltine Corp. v. United American Bosch Corp. Consent decree for plaintiff March 16, 1931
- 1,648,808, L. A. Hazeltine, Wave signaling system; 1,755,114, same, Uni-control signalling system; 1,755,115, same, Variable condenser, filed March 16, 1931, D. C. S. D. N. Y., Doc. E 58/366, Hazeltine Corp. v. Sears, Roebuck & Co., Inc.

Trade-Marks

- Ser. No. 296,491. National Malleable and Steel Castings Co., Cleveland, Ohio. Filed Feb. 25, 1930. "Magnet" for radio loud speakers, choke coils and electromagnets. Claims use since April 8, 1929.

Ser. No. 308,911. Stromberg-Carlston Telephone Manufacturing Co., Rochester, N. Y. Filed December 12, 1931; Trade-Mark: "STROMBERG-CARLSON" for radio receiving sets mounted or contained in cabinets with talking machines, radio receiving sets adapted for combination with talking machines, radio receiving sets wherein parts of the radio receiving sets are used as parts of talking machines, and parts, supplies, accessories, and appurtenances for electrically operated talking machines - namely electrical pick-ups, electric motors, transformers, rheostats, electric switches, and electric stop mechanisms.

Claims use on radio receiving sets mounted or contained in cabinets with talking machines, radio receiving sets adapted for combination with talking machines, radio receiving sets wherein parts of the radio receiving sets are used as parts of talking machines, and electrical pick-ups for electrically operated talking machines since Sept. 1, 1927; on the parts, supplies, etc., since Oct. 31, 1930. Applicant is owner of registration No. 66,210 effected under the 10-year proviso.

Serial No. 310,943. National Union Radio Corporation, Newark, N.J. Filed February 11, 1931. "National Union" for radio electron tubes, Claims use since January 24, 1931.

Ser. No. 312,330. The Cappel Furniture Company, Dayton, Ohio. Filed March 20, 1931. "CENTURY" for Radio Receiving Sets and Loud Speakers. Claims use since March 7, 1931.

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