

HEINL RADIO BUSINESS LETTER

INSURANCE BUILDING

WASHINGTON, D. C.

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 :: :: CONFIDENTIAL—NOT FOR PUBLICATION.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

RECEIVED

JUL 18 1930

PRESS RELATIONS DEPARTMENT
G. W. JOHNSTONE

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No. 352

NOVEL OPINION HELD BY WHEAT

A decision that may have far-reaching importance has been rendered by Chief Justice Wheat of the Supreme Court of the District of Columbia in the case of Station WFBR, owned and operated by The Baltimore Radio Show, Inc., vs. Federal Radio Commission and Station WCBM, owned and operated by the Baltimore Broadcasting Corporation.

The particular novelty in this decision rests in the fact that the Court found increased interference from another station was a revocation of a broadcasting license pro tanto, which entitled an aggrieved station to citation and hearing under the Radio Act of 1927.

In the most recent report of the American Bar Association, the Committee on Radio Law pointed out that the Act of 1927 afforded no relief to a station where the Commission changed the frequency of some other station so as to create increased interference, and thus reduce its radio audience.

The present instance presented a very clear cut case. WCBM, 1370 kilocycles with a power of 250 watts day and 100 watts night, is located in the heart of the City of Baltimore; the complaining station, WFBR, 1270 kilocycles, power 250 watts, is located four miles out of town. With a separation of 100 kilocycles programs of both stations could be readily received throughout the city.

Because of alleged interference from Station WELK, of Philadelphia, operating on 1370 kilocycles, 100 watts, ninety miles distant, Station WCBM applied for assignment of 1210 kilocycles. This frequency was 60 kilocycles removed from the frequency of the complaining station WCBM and the Commission did not notify them of the hearing, or give them an opportunity to be heard.

Previous experience with Station WBAL had demonstrated that the Baltimore area required more than a 60 kilocycle separation for good reception, hence Station WFBR immediately protested to the Federal Radio Commission and within a few hours thereafter filed a bill to enjoin the Commission from issuing the order. After service of the papers the Commission, nevertheless, proceeded to issue the order, and Station WCBM immediately went on the assigned frequency of 1210 kilocycles.

Upon application of the Radio Show station, Judge Soper of the United States District Court of Baltimore issued a restraining order which prohibited WCBM from broadcasting on any frequency save its former channel pending a hearing before the District of Columbia Supreme Court. Thereupon the Commission gave the defendant station a temporary license on 1370 kilocycles.

Chief Justice Wheat then issued a restraining order preventing the reassignment of WCBM from becoming effective until a hearing of WFBR's complaints be heard before the Radio Commission,

thus giving the latter station an opportunity to carry the case to the District of Columbia Court of Appeals. This appellate right was denied WFBR under the former procedure.

Attorneys Herbert S. Ward, of Washington, and George A. Mahone, of the Maryland bar, appeared for Station WFBR.

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TELEVISION PLAY GIVEN IN ENGLAND

For the first time in England, the Baird system of television was used to broadcast a play on July 14th, according to a special dispatch to the New York Times. The British Broadcasting Corporation produced the demonstration. Dramatic critics agreed that the visual broadcasting of plays was still far from perfect and that there was little for legitimate actors of the theater to worry about as yet.

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PRICE REDUCTIONS IN RCA RADIOTRON TUBES

Price reductions averaging 24% in the list prices of four of the most popular types of RCA Radiotron vacuum tubes, were announced today by T. W. Frech, President of the RCA Radiotron Co., Inc. These reductions will save large sums for radio listeners in the next twelve months. In making this announcement, Mr. Frech, indicated that these new low prices are to be regarded as "the beginning of the fulfillment of a promise." The new prices, which become effective immediately, are as follows:

<u>Type of Tube</u>	<u>Old List Price</u>	<u>New List Price</u>	<u>Saving</u>
224	\$4.00	\$3.30	\$.70
227	2.50	2.20	.30
245	3.50	2.00	1.50
280	3.00	1.90	1.10

"Economies introduced since the formation of the RCA Radiotron Co. seven months ago, make these new prices possible," said Mr. Frech. "Our company was organized by the Radio Corporation of America to effect the unification of vacuum tube development, manufacture and sales, and we accept the responsibility of leadership which rests upon the founders of the radio industry in America. We shall always strive to produce a good value in a radio tube, thus contributing to the enjoyment of radio everywhere."

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INTERNATIONAL INTERFERENCE FEARED

The rapid increase in the number of radio stations for trans-oceanic communication throughout the world is likely to cause serious international interference and greatly hamper the reception of the United States naval stations.

Pointing out that more than 2,000 such stations are now being constructed for operation upon the limited high frequencies, a statement from the Navy Department declares that the problem can be coped with only by cooperation among the countries engaged in international radio communication.

"It is further estimated by the Department that this condition will become increasingly difficult during the next five years and that experience to date is but a small indication of difficulties to come", the statement asserts.

Because of this congestion, Capt. S. C. Hooper, Director of Naval Communications, has issued new instructions to the naval service, emphasizing the importance of immediately reporting any interference with naval radio communication so "that appropriate action may be taken to clear the interference."

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HONDURAS STATION DEVELOPS WIDE RANGE

A booklet "Melodies of the Tropics!" has been issued by the Tropical Radio Telegraph Company, of Boston, describing the accomplishments of its broadcast station "HRB." Commercial time is sold by the station which is located in the heart of Central America at Tegucigalpa, Honduras. A radius of 5,000 miles covering Central America, Mexico, Cuba, Jamaica, the United States, Canada, South America, and even parts of Europe is claimed. The facilities are offered to advertisers to increase sales in Latin American countries.

Proof of "HRB'S" wide range is shown by letters in the booklet received from Lockport, N. Y., Budapest, Hungary, Kansas City, Kans., Providence, R. I., Cleveland, O., Oakland, Calif., Philadelphia, Pa., and Seattle, Wash. Also from Cuba, El Salvador, Costa Rica, Nicaragua, Panama and Mexico.

Copies of this booklet may be obtained by addressing the Tropical Radio Telegraph Company at 1 Federal Street, Boston, Mass.

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STATION PROGRAM SURVEY STARTED

A national survey of broadcasting to determine the character of programs and the service which each of the 600-odd stations is giving the public has been started by the Radio Division of the Department of Commerce upon the request of the Federal Radio Commission.

Empowered by the Radio Law of 1927, only to order a station off the air when it does not serve "public interest, convenience, and necessity", the Radio Commission wants to be certain that all broadcasters are providing this service, particularly in view of the congestion of stations in the broadcast spectrum.

The survey is being made by the nine Federal Radio Supervisors of the Radio Division under the direction of William D. Terrell, Chief of the Division, and their assistants. Because of the size of the task and the plan to make the check in each of the four seasons, the canvass will take at least a year.

The likes and dislikes, the complaints and the compliments of listeners will play an important role in the rating of a station. While it will obviously be impossible to interview every listener, representative civic organizations such as Chambers of Commerce, Boards of Trade, Boards of Education, and the like, will be queried. The Supervisors will also tune in on stations themselves.

Listeners Society Also Makes Survey

A distinction is also being made between the clear, regional, and local channel stations because of their respective abilities to obtain expensive talent or chain programs. This will be the first attempt the Radio Commission has ever made to evaluate all radio stations on the basis of programs they offer.

A somewhat similar survey is being undertaken by the National Radio Society, located in the Hill Building, Washington, D. C. This is an organization composed of listeners, the president of which is Wendell C. Hill. The Society will endeavor to ascertain the class of programs as well as the individual artists preferred by listeners.

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: BUSINESS LETTER BRIEFS :
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The General Electric Company announced July 14 that its sales for the first six months of 1930 exceeded the total for the corresponding period of last year by \$3,000,000, while the net profit available for dividends on the common stock was slightly less than a year ago, amounting to \$29,273,276, equivalent to \$1.01 a share on the outstanding common stock. This compares with \$30,740,768, or \$1.07 a share, for the corresponding six months of 1929.

Those stations desiring further information on medical quacks may be interested to know that at the suggestion of Health Commissioner Wynn, of New York, the National Better Business Bureau, 383 Madison Avenue, New York City, has compiled a "Rogues' Gallery" with complete histories of more than 25,000 disreputable practitioners and manufacturers of spurious cures. It lists not only those who have been in trouble with the law, but many who have thus far avoided arrest.

The Federal Radio Commission on July 15 filed notification of an appeal from the temporary injunction granted by the Supreme Court of the District of Columbia on the application of WHAM, Rochester, N. Y. The statement filed with the Supreme Court enumerated a series of alleged errors in the Court's action. WHAM was one of the appellants in the 26 station proposed shift. The Commission has already appealed to the Court of Appeals of the District of Columbia from the Supreme Court's adverse action.

The Department of Commerce has announced that a new radio beacon is to be erected on the Kauai Island of the Hawaiian group to supplement one already in operation and to enable approaching vessels to take a two-point bearing, establishing distance as well as direction.

Intercity Radio Telegraph Company has asked the Radio Commission to assign its station, WTK, of Cleveland, to the newly-organized Midwest Wireless Company. The latter company has also requested the Commission to renew the license of the Intercity station at Duluth, Minn.

The Radio Commission filed in the Court of Appeals of the District of Columbia a statement of facts in the appeal of WRAW , Reading, Pa., which was denied permission to change its frequency from 1310 to 620 kilocycles, to increase its power from 100 to 500 watts, and to operate full time instead of dividing time with WGAL, of Lancaster, Pa., as at present.

The RCA Radiotron Company, Inc., has just released a sound motion picture, "The Earth's Four Corners", which will be shown throughout the country to portray the distant and various sources of material used in the manufacture of RCA radiotrons. John S. Young, NBC announcer, explains the foreign scenes in the picture.

Marconi's Wireless Telegraph Company, Ltd., of London, England, have declared the following dividends: On the Ordinary shares - 15%, less tax; On the Preference shares - 5%, less tax; These dividends are for the year 1929 and are payable on July 14th to stockholders of record July 14th and to holders of share warrants to bearer.

A net income of \$81,671,847 is reported by the American Telephone and Telegraph Company for the first six months of 1930, after all taxes and charges equal to \$5.71 a share earned on 14,309,035 average number of shares outstanding during the period, compared with \$80,102,038, or \$6.15 a share, earned on 13,028,807 average number of shares outstanding during the first half of 1929.

While there was a gain of \$1,569,809 in net income, there was a 44 cent decline in earnings a share, due to an increase of 1,280,228 in the number of shares outstanding, largely through the conversion of bonds into stock this year.

Dr. C. B. Jolliffe, Chief Engineer of the Radio Commission, and Gerald C. Gross, short wave expert, will attend sessions of the International Technical Radio Advisory Committee in New York Monday and Tuesday.

Production of the General Motors Radio Corporation has been running steadily at 750 sets a day, R. J. Emmert, President, has announced. He said that the present rate of production would be continued during July and August, with a step-up probable in September or the last two weeks in August.

The Western Electric Company reports for the six months ended June 30, sales of \$201,620,000, compared with \$194,694,000 in the first six months of 1929, an increase of \$6,926,000 or 3.5 per cent.

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POWER OF TWO STATIONS CUT IN HALF

The licensed broadcasting power of Station KMO, of Seattle, Wash., and Station WRAW, of Reading, Pa., was cut in half without a hearing by the Federal Radio Commission on July 16th because the actual capacities of the transmitters do not equal the output previously licensed.

Station KMO was licensed for 500 watts at night and 1,000 watts during the day, but the new permit limits the power of the station to 500 watts since its transmitter is so rated. Station WRAW, which was licensed for 100 watts, is cut to 50 watts on the same basis.

Station WRAW has an appeal pending in the District of Columbia Court of Appeals from a decision of the Commission denying it authority to increase its power to 500 watts and operate full time.

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TELEVISION ENGAGED AT LONDON

Capt. O. G. Hutchinson, General Manager of the Baird Television Corporation, announced July 16th that he had received a cablegram from London which said the Baird television facilities had been engaged for at least a week, beginning July 28, to demonstrate television at each of the three daily performances at the London Coliseum, according to the New York Times. Arrangements were made with Sir Oswald Stoll, one of the leading cinema and theatre owners of Great Britain.

The Coliseum performance is a "variety show." The images are to be thrown on a screen life size, as intercepted from stations of the British Broadcasting Corporation, or land wire transmission from the Baird television studios in London.

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APPLICATIONS RECEIVED BY FEDERAL RADIO COMMISSION

Other Than Broadcasting - July 14 - WTK, Intercity Radio Telegraph Co., Hotel Cleveland, Cleveland, Ohio, voluntary assignment of license to Midwest Wireless Co., Inc., limited public service and marine relay; WTK, Midwest Wireless Co., Inc., Hotel Cleveland, Cleveland, Ohio, renewal of license for 165, 171, 4116, 8630 kc., 1 KW, marine relay; WME, Midwest Wireless Co., Inc., Duluth, Minn., renewal of license for 165, 171, 4116, 8630 kc., 1 KW; Globe Wireless Ltd., Island of Oahu, Terr. Hawaii, new C. P. for 3274, 3324, 4725, 5335, 6905, 7640, 10050, 15700, 18580, 19940 kc., 20 KW, limited public service; also at Cypress, Calif., New C. P. for 165, 174, 181, 184, 3298, 4575, 5235, 5855, 7385, 7925, 15010, 18140, 19260, 20540 kc., 20 KW, limited public service; also, Edmonds, Wash., C. P. to install additional high frequency transmitter for 164, 171, 183, 189, 3286, 4284, 5525, 5355, 7310, 7850, 13600, 17820, 19140, 20460 kc., 20 KW, limited public service; City of Akron, Police Dept., Akron, Ohio, new C. P. for 2458 kc., 100 watts, limited commercial service; Director of Public Safety, Passaic, N. J., license to cover C. P. for 2416 kc., 50 watts, limited commercial service.

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DECISIONS OF THE FEDERAL RADIO COMMISSION

The following applications were granted on July 15th:

WRAW, Horace D. Good, d/b as Avenue Radio and Electric Shop, Reading, Pa., renewal of license on 1310 kc., 50 watts; WOS, Missouri State Marketing Bureau, Jefferson City, Mo., renewal of license, 630 kc., 500 watts; WCLB, Arthur Faske, Brooklyn, N. Y., renewal of license, 1500 kc., 100 watts; C. Francis Jenkins, Washington, D. C. license to cover C. P. (Exp.) 1604, 2398, 3256, 4795, 6425 kc., 250 watts, subject to restrictions governing experimental stations; W2XBM, RCA Communications, Inc., Rocky Point, N. Y., license to cover C. P. (Exp.) 1604, 2398, 3256, 4795, 6425, 8650, 12850, 17300, 25100 kc., 200 watts, subject to all restrictions governing experimental stations; W2XBP, Same Co., same as above except 10 watts power; Colonial Air Transport, Inc., Airplanes NC-9138, NC-198H, NC-8486, NC-9663, experimental aircraft licenses, 1604, 2398, 3256, 4795, 6425 kc., 100 watts, subject to all restrictions governing general experimental stations; KGE, Boeing Air Transport, Inc., Medford, Ore., aeronautical license, 278 calling and working from ground station to itinerant aircraft, power not to exceed 15 w., 3172 and 5660 kc., red chain frequencies, power 400 watts.

Also, WCF, City of New York Fire Dept., New York City, license to cover C. P. 1596 kc., 400 w., to be used in emergency communication with fire boats; KGSU, Midland, Tex., KGSA, Abilene, Tex., KGSQ, Western Air Express, Inc., licenses to cover C. P. 278 calling and working from all ground stations to itinerant aircraft. Power not to exceed 15 watts; 3070, 3460, 6350, 8015 day only, 12180 day only Blue Chain frequencies, 400 w. power.

Also, Aeronautical Radio, Inc.; KGSR, Pueblo, Colo., KGTD, Wichita, Kans., KGSE, Amarillo, Tex., KGSM, El Paso, Tex., KGSD, Albuquerque, N. M., renewal of licenses, 278 kc., calling and working from ground to itinerant aircraft; power not to exceed 15 watts; 3070, 3460, 6350, 8015 (day only), 12180 (day only) Blue Chain frequencies; to be used only for messages relating to the safety of life and property and not to conduct general public message traffic; WJT, RCA Communications, Inc., San Juan, P. R., modification of license for change in frequency from 4276 to 4050 kc., to relieve the Navy of interference (WJR, Rocky Point began using 4050 kc. on Oct. 2, 1926, under a Dept. of Commerce license which has since been extended a number of times; this frequency may be cancelled at any time without notice or hearing.

Ratification of Act of Commissioners

Fire Dept. of City of New York, New York City, on July 12th, granted authority to test equipment constructed in compliance with terms of C. P. for period not to exceed 10 days, between 1 A.M. and 6 A.M. D.D., provided Supervisor is notified 2 days in advance of beginning of such tests.

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ADDITIONAL APPLICATIONS, OTHER THAN BROADCASTING, RECEIVED

July 16 - Mutual Telephone Co., Honolulu, Ter. Hawaii, new C. P. for coastal service for one frequency within 1500, 1700 kc., band 50 watts; Aeronautical Radio, Inc.: KVO, Swan Island Airport, Portland, Ore., and KZJ, Boeing Field, Seattle, Wash., license to cover C. P. for 278, 5660, 3172 kc., 400 watts and 10 watts, aeronautical service; Tropical Radio Telegraph Co.: WNN, Mobile, Ala., renewal of limited public license for 6785, 10470, 12970 kc., 200 watts; WAX, Hialeah, Fla., renewal of limited public license for 55, 77, 80.5, 6770, 10450, 12940 kc., 1200 watts, 200 watts, 20 KW and 5 KW; Mackay Radio & Telegraph Co., KNK, Palo Alto, Calif., modification of license to include three additional transmitters.

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INDUSTRY SEEN IN NEW ERA

"The radio industry is entering a new business era where sanity, straight thinking, sound merchandising and advertising practices will rule those companies which are successful", according to Powel Crosley, Jr., head of the Crosley Radio Corporation.

"The hectic years of rapid growth with their circus stunts, ballyhoo, extravagance, waste and foolish business methods which made it resemble a street show, are now past", he said.

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WASHINGTON, D. C.

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No. 352

July 17, 1930.

PATENTS, PATENT SUITS, TRADE-MARKS, DESIGN

The following patents were granted during the week ending July 15, 1930:

- 1,770,422. Phase-Compensating Network. Harry Nyquist, Millburn, N. J., assignor to American Telephone and Telegraph Co., Filed February 25, 1926.
- 1,770,456. Tunable Radio Frequency Transformer. Glenn H. Browning, Winchester, and Frederick H. Drake, Watertown, Mass., assignors to National Company, Inc., Malden, Mass. Filed December 1, 1924, renewed May 10, 1928.
- 1,770,485. Means For Neutralizing Disturbances, Especially of Telegraph Signals Transmitted by Radio. August Jipp, Berlin-Spandau, Germany, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Filed June 14, 1929, and in Germany Feb. 28, 1928.
- 1,770,486. Double-Grid Tube Transmitter. Gunther Jobst and Hans Roder, Berlin, Germany, assignors to Gesellschaft fur Drahtlose Telegraphie m.b. H. Hallesches, Berlin, Germany. Filed Feb. 6, 1928, and in Germany Feb. 26, 1927.
- 1,770,490. Acoustics. Alexander Meissner, Berlin, Germany, assignor to Gesellschaft fur Drahtlose Telegraphie m.b.H., Berlin, Germany. Filed August 2, 1927, and in Germany August 13, 1926.
- 1,770,491. Electro-Acoustic Device. John Preston Minton, White Plains, and Abraham S. Ringel, Brooklyn, N. Y., assignors to Radio Corporation of America. Filed February 23, 1924.
- 1,770,493. Method and Apparatus for Pyro Recording. Richard Howlan Ranger, Newark, N. J., assignor to Radio Corporation of America. Filed Aug. 12, 1926, renewed Jan. 14, 1929

- 1,770,494. Loud-Speaker. Eugen Reichel, Berlin, Germany, assignor to Gesellschaft fur Drahtlose Telegraphie m.b.H., Berlin, Germany. Filed December 15, 1924, and in Germany, Jan. 26, 1924.
- 1,770,497. Method and Arrangement for Amplifying Photo-electric Currents. Fritz Schroter, Berlin, Germany, assignor to Gesellschaft fur Drahtlose Telegraphie m.b.H. Hallesches, Berlin, Germany. Filed March 31, 1928, and in Germany March 26, 1927; renewed June 4, 1929.
- 1,770,501. Electromagnetic Reproducer. Julius Weinberger, New York, N. Y., assignor to Radio Corporation of America. Filed August 29, 1925.
- 1,770,524. Amplifying System. Lester L. Jones, Oradell, N. J. Filed April 9, 1927.
- 1,770,525. Radio Receiving Apparatus. Lester L. Jones, Oradell, N. J. Filed July 15, 1927.
- 1,770,537. Reproducing Apparatus. Lionel G. Vachon, George M. McCarthy and Lawrence J. Ewing, Haverhill, Mass. Filed May 27, 1929.
- 1,770,541. Radio Frequency Amplifying System. Franklin H. Mackenzie, Bywood, Pa. Filed August 1, 1925. Renewed January 6, 1930.
- 1,770,761. Telautograph. George S. Tiffany, Summit, N. J. Filed April 11, 1928.
- 1,770,771. Radio Apparatus. Charles R. Garrett, Scotia, N. Y., assignor to General Electric Company. Filed May 19, '28.
- 1,770,838. Radio Signaling Apparatus. Wendell L. Carlson, Schenectady, N. Y., assignor to General Electric Co. Filed May 10, 1928.

Patent Suits

- 1,266,988. Pridham and Jensen, Amplifying receiver; 1,448,279, 1,579,392, same Electrodynamic receiver, filed April 16, 1930, D. C., N. D. Calif. (San Francisco), Doc. 2615-S, The Magnavox Co. v. Atwater Kent Mfg. Co. et al. Same, Doc. 2616-K, The Magnavox Co. v. Stromberg Carlson Telephone Mfg. Co. et al.
- 1,507,016. L. de Forest, Radio Signaling System; 1,507,017, same Wireless telegraph and telephone system, filed April 12, 1930, D. C. E. D. Mich., (S. Div.), Doc. 4121, DeForest Radio Co. v. Cardon Phonocraft Corp.
- Re. 17,245, Re. 17,247, W. G. Cady, Method of maintaining electric currents of constant frequency; Re. 17,355, same, Piezo-electric resonator, filed April 8, 1930, D. C., S. D., N. Y., Doc. E 52/389 Radio Corp. of America v. R. C. Powell & Co., Inc.

Adverse Decisions In Interference

- Pat. 1,707,271, D. G. Little and N. C. Defibaugh, Radio signaling means, decided June 4, 1930, claims 2, 3, 4, and 5.
- Pat. 1,725,946. J. Weinberger, Broadcast receiving system, decided June 4, 1930, claims 1, 2, 3, and 4.

Trade-Marks

The following trade-marks are published in compliance with Section 6 of the Act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within 30 days of this publication.

- Ser. No. 297,943. Lysle G. Tatro, doing business as L. Tatro Manufacturing Co., Decorah, Iowa. Filed March 26, 1930; Trade-Mark: "L Tatro" on diamond shaped label. For radio receiving sets, radio battery units and attachments and parts for adapting radio sets for use with farm power systems. Claims use since December 5, 1929.
- Ser. No. 301,026. General Cable Corporation, New York, N. Y. Filed May 22, 1930. "Pro-Tex" for bare and insulated electrical wires and cables. Claims use since about April 11, 1930.
- Ser. No. 301,259. Galvin Manufacturing Corp., Chicago, Ill. Filed May 26, 1930. "Motorola" for Radio receiving sets and parts thereof. Claims use since May 7, 1930;
- Ser. No. 301,759. Heintz and Kaufman, Ltd., San Francisco, Calif., Filed May 30, 1930. "Gammatron" for Radio tubes - namely, receiving and transmitting tubes. Claims use since Dec. 1, 1928.

Trade-Mark Registrations Granted

- 272,731. Vacuum or Gas-filled tubes and particularly for voltage-regulator tubes. Westinghouse Lamp Co., Bloomfield, N.J. Filed February 27, 1930. Published April 29, 1930.
- 272,790. Radio Receiving Sets and Loud-Speakers, Antennae, Etc., The Baldwin Company, Cincinnati, Ohio. Filed February 6, 1929. Published April 29, 1930.
- 272,803. Radio Receiving Sets and Component Parts Thereof, consisting of Loud-Speakers, Transformers, Fixed and Variable Condensers; and Radio Television Receiving Sets. All-American Mohawk Corporation, Chicago, Ill. Filed Oct. 25, 1929, Published April 15, 1930.

- 272,805. Wireless Receiving Sets, Thermionic Amplifiers, Etc., Dulcetto-Polyphon Limited, London, England. Filed October 21, 1929. Published April 29, 1930.
- 272,806. Phonograph Records. Columbia Phonograph Co., Inc., Bridgeport, Conn., filed October 18, 1929, published April 29, 1930.
- 272,807. Electrical Glow-Indicating Devices for Testing Voltage. L. S. Brach Manufacturing Corp., Newark, N. J. Filed October 8, 1929, published April 29, 1930.
- 272,833. Radio Receiving Sets. L. E. Fite, doing business as Nightingale Radio Manufacturing Co., Memphis, Tenn. Filed December 18, 1929, published April 29, 1930.

Registrations Not Subject to Opposition

- 273,019. Waltham Radio Corporation, Ltd., Los Angeles, Calif. Filed May 7, 1930. Serial No. 300,095 "Waltham" for radio receiving sets and parts thereof. Claims use since about February, 1929.
- 273,024. Zaney-Gill Corporation, Los Angeles, Calif. Filed April 15, 1930. Serial No. 298,920. "Monterey" for radio receiving sets and parts thereof. Claims use since May 5, 1929.
- 273,037. Silver-Marshall, Inc., Chicago, Ill. Filed May 22, 1929. Serial No. 284,499. "Sheridan" in graduated diamond-shaped letters. For Radio Receiving sets, radio transformers, condensers, resistors, coils, and loud-speakers. Claims use since April 10, 1929.
- 273,043. Columbia Phonograph Co., Inc., Bridgeport, Conn. Filed April 11, 1929. Serial No. 282,226. "Theatrephone" for phonographs and talking machines. Claims use since March 15, 1929.
- 273,044. The Sterling Manufacturing Company, Cleveland, Ohio. Filed April 1, 1929. Serial No. 281,707. "Sterling" for radio receiving sets, power units of the light-socket type, audio amplifiers of the vacuum-tube type, and loud-speakers. Claims use since about March 16, 1925.

Design

- 81,606. Escutcheon for Wired Radio Tuner. Arthur M. Trogner, Maplewood, N. J., assignor to Wired Radio, Inc., New York, N. Y. Filed February 14, 1930. Term of patent 14 years.

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