

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 :: :: CONFIDENTIAL—NOT FOR PUBLICATION.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



National Broadcasting Company, Inc.

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No. 440

RADIO-ELECTRICAL ORGANIZATION FORMED

Three great industries - radio, electrical manufacturing and electric light and power - have united in a joint enterprise of public and industry service. The Radio Manufacturers' Association, the National Electric Light Association, and the National Electrical Manufacturers' Association have formed a joint coordination committee with the object of furnishing electrical facilities of each type to the public in the most efficient manner.

Improvement of radio reception, nationally and locally, by eliminating or reducing various noises and other interference in radio reception and broadcasting, it was officially announced, is a major effort of the joint industry committee. Coordination of radio with other electrical utilities, with study of many engineering problems involved, to promote harmony in various uses of electricity, is the objective of the committee. This includes design of machines and power systems as well as radio apparatus and the use of electricity for light, heat, power and transportation.

The first recommendation of the joint committee, which has been transmitted to the Federal Radio Commission is a resolution urging high power in broadcasting. It is pointed out that this smothers and greatly reduces radio noises and vastly improves radio reception. The resolution sent to the Commission urges maximum power, consistent with radio development, by broadcast stations as an effective means of improving radio reception. The resolution was endorsed separately by the three organizations concerned.

Representing the Radio Manufacturers' Association on the joint industry committee are H. B. Richmond, of Cambridge, Mass., former president of the RMA and now Director of its Engineering Division; Tobe Deutschmann, of Canton, Mass., Chairman of the RMA Interference Committee; Ralph H. Langley, of New York, Chairman of the RMA Standards Sub-Committee on Receiving Sets; E. M. Hartley, of Camden, N. J.; R. F. Herr, of Philadelphia; W. K. Fleming, of Canton, Mass., and Bond Geddes of New York, Executive Vice-President of the RMA.

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EXAMINERS' REPORTS

The following recommendations were made to the Federal Radio Commission this week by its Examiners:

Pacific Development Radio Company (KECA), increase daytime power, denied; to move transmitter, granted.

G. M. Schaap, Ft. Collins, Col., construction permit, denied.

Jamestown Broadcasting Company, Jamestown, N. Y., construction permit, denied.

Joseph E. Finch and C. P. Ritchie, Trinidad, Col., construction permit, defaulted.

Pacific Western Broadcasting Federation, Ltd., (KPFW and WGXAL) for modification of construction permits, denied.

Debs Memorial Radio Fund, Inc., New York City (WEVD), plea for renewal of license, denied.

John H. Brahy (WLBX) Long Island City, N. Y., renewal of license, denied.

Kent's, Inc., Petersburg, construction permit, denied.

Scranton Broadcasters, Inc., (WGBI), Scranton, Pa., modification of license, denied.

John Magaldi, Jr., Philadelphia, Pa., construction permit, denied.

Pickwick Broadcasting Corp. (KTM), Los Angeles, Cal., modification of license, denied.

R. S. MacMillan (KMPC), Beverly Hills, Calif., renewal of license, granted; modification of license, denied.

Union Bank & Trust Co. (KELW), Los Angeles, Calif., voluntary assignment of license to California Broadcasting Company, denied; involuntary assignment of license to Earl L. White, granted.

The four cases below were combined and recommendations made as follows:

Wilmington Transportation Company (KNI), Wilmington, Calif., station license, denied.

Southern California Telephone Company, San Francisco, construction permit, granted for 2590 kilocycles with 400 watts.

Pacific Telephone and Telegraph Company, San Francisco, construction permit, granted for 2542 kilocycles with 400 watts.

Marine Radio Utilities, Ltd., San Francisco, construction permit, denied.

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WMAL AND W3XK TO COMBINE IN FALL

The Jenkins Television Corporation station W3XK, now located at Wheaton, Md., is to be moved into the studio of WMAL in Washington sometime next Fall so that combined television-radio programs can be offered, according to an announcement by D. E. Replogle, Vice-President of the Jenkins Corporation, of Passaic, N. J.

Only the local programs of WMAL will be sent out over the television transmitter as well, it was said. The broadcasting station is affiliated with the Columbia Broadcasting System but owned by a Washingtonian, M. A. Leese. The combined broadcasts will be done on regular nightly schedules.

The combination will be similar to that of the New York television station of the Jenkins Corporation, W2XCR, and Station WGBS, of New York, now in operation.

Station W3XK is now engaged in sending out television programs at irregular intervals, but motion pictures are used for the most part due to the lack of studio facilities and talent.

C. Francis Jenkins, inventor of the television methods used by the station, who recently sold his patents to the Jenkins Corporation, is a Washington man. Most of his research work was done at the site of W3XK, which is only three miles from the District line.

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EDUCATIONAL BROADCASTERS DECREASE

Despite the organized fight of educational interests to gain exclusive control of a certain portion of broadcasting channels, stations operated by educational institutions are gradually decreasing, according to records of the Federal Radio Commission.

Since February 23, 1927, when the Radio Commission assumed control of radio administration, 53 educational stations have either turned commercial or gone off the air. There are now approximately 50 stations operated by educational interests.

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: BUSINESS LETTER BRIEFS :
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The National Radio and Television Corporation of Indianapolis has been formed. Incorporators are Frederick E. Schortemeler, former Secretary of State, J. Hiram Johnson, former Deputy Secretary of State, and Earl Coble, formerly chief investigator for the State Securities Commission.

A color organ, operating on radio-electrical principles (made commercially possibly by use of thyatron tubes) which automatically converts music into changing colors that synchronize with the moods of the music, has been developed by the RCA Victor Company, according to an announcement made by E. B. Patterson, research engineer, who explained its operation to members of the Institute of Radio Engineers, meeting in Chicago.

The first public health television broadcast was made June 1st by Shirley W. Wynne, New York City Health Commissioner, over Station W2XCR and Station WGBS simultaneously.

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WCOD FILES APPEAL TO COURT

The Court of Appeals of the District of Columbia yesterday was asked to review the action of the Federal Radio Commission in refusing to grant an application for a construction permit to Station WCOD, Harrisburg, Pa., owned by the Keystone Broadcasting Corporation.

In the papers filed with the Court it is explained that the application for a construction permit was filed in October, 1930. The Keystone concern asked permission to erect a station operating on a frequency of 1200 kilocycles, at 100 watts during the night hours and 250 watts during the day. The station shared time with WKJC at night and the only questions presented involved the increased day potential.

The Commission denied the application on May 15th. In so doing, the papers charge, it erroneously permitted the introduction of misleading and prejudicial evidence into the record. Another error assigned was the Commission's finding of the speculative effect of granting the application of WCOD by the possible granting of another pending application of WCAU which was asking for a 50-watt increase in power and permission to move its transmitter to a point 30 miles nearer WCOD.

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COMMISSION PONDERES SCHUETTE INTERVENTION

Although the matter was discussed at a meeting of the Federal Radio Commission this morning (Thursday), it was announced that a decision with regard to the petitions of Oswald F. Schuette and Elisha Hanson to intervene in the hearing on the renewal applications of the Radio Corporation of America and its affiliated companies, designed for June 15th, will not be made until the Commission has received an opinion from its Legal Division.

Mr. Hanson, counsel for WTMJ, filed two petitions Wednesday. The second petition asked the Commission to set for hearing, along with other RCA licenses, the renewal application of Station WLS, at Chicago, which he alleges has entered into an agreement with the National Broadcasting Company, RCA subsidiary.

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WLS TO AFFILIATE WITH NBC?

Formal announcement of the acquisition of WLS by the National Broadcasting Company is expected daily. The report that a deal with the chain had been made by Sears Roebuck has been widely circulated, following the announcement of Edgar L. Bill that he would leave his post as manager to operate his own station, WMBD, at Peoria, Ill. The addition of the Chicago broadcaster to the NBC network is particularly desirable, because WLS shares the wave length of WENR, recently secured from the Insull interests. A full-time control of this wave length will strengthen greatly the NBC's position in the Chicago territory.

Sears Roebuck's willingness to dispose of WLS - "World's Largest Store" - is said to be due to failure to place the station on the credit side of the ledger.

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APPLICATIONS RECEIVED BY THE FEDERAL RADIO COMMISSION

June 1 - WHDH, Matheson Radio Co., Inc., Boston, Mass., C. P. to move transmitter from Gloucester Mass., to Saugus, Mass.; WFBG, The William F. Gable Co., Altoona, Pa., C. P. to install new transmitter and increase power from 100 watts to 100 watts, 250 watts, LS; WHFC, WHFC, Inc., Cicero, Ill., license to cover C. P. granted 4/3/31 for change in equipment; KRGV, KRGV, Inc., Harlingen, Texas, modification of C. P. granted 5/8/31 to make changes in equipment and extend completion date; KSEI, KSEI Broadcasting Association, Inc., Pocatello, Idaho, C. P. to make change in equipment, change frequency from 900 kc. to 630 kc., and to increase power from 250 watts to 500 watts; KFDY, South Dakota State College, Brookings, South Dakota, C. P. to make changes in equipment; KFAC, Los Angeles Broadcasting Co., Los Angeles, Calif., C. P. to install new transmitter and move transmitter and studio locally; Zanesville Radio Broadcasting Corp., Zanesville, O., C. P. to erect new station to use 1210 kc., 100 watts and unlimited time, facilities of WALR; WHAZ, Rensselaer Polytechnic Inst., Troy, N. Y., and KSO, Berry Seed Co., Clarinda, Iowa., renewal of licenses.

June 2 - WHDI, William Hood Dunwoody Industrial Institute, Minneapolis, Minn., voluntary assignment of license to Dr. George W. Young; KGCU, Mandan Radio Association, Mandan, North Dakota, C. P. to make changes in equipment; Topeka Broadcasting Association, Inc., Topeka, Kans., C. P. to erect a new station to use 680 kc., 5 kilowatts, and unlimited time, requests the facilities of Station KFEQ; KXA, American Radio Telephone Co., Seattle, Wash., license to cover C. P. for changes in equipment, granted 1/20/31; KFQD, Anchorage Radio Club, Inc., Anchorage, Alaska, C. P. to make changes in equipment and increase power to 500 watts; KOL, Seattle Broadcasting Co., Inc., Seattle, Wash., direct measurement of antenna input to determine license power; KDB, Dwight Faulding, Santa Barbara, Calif., voluntary assignment of license and construction permit to Santa Barbara Broadcasters, Ltd.

June 3 - WMBQ, Paul J. Gollhofer, Brooklyn, N. Y., permission to install automatic frequency control; WKAV, Laconia Radio Club, Laconia, N. H., modification of license to change frequency from 1310 kc., to 1040 kc.; William O. Omness and Herbert T. Graham, Muskegon, Mich., C. P. amended to request 1370 kc., instead of 1430 kc.; WELL, Enquirer News Co., Battle Creek, Mich., license to cover C. P. granted 5/8/31 for change in equipment; KFUL, Will H. Ford, Galveston, Texas, C. P. to make changes in equipment; WQAM, Miami Broadcasting Co., Miami, Fla., C. P. to install auxiliary transmitter; Hunter Watkins & Bill Pape, Mobile, Ala., C. P. to erect new station to use 1460 kc., 500 watts, and unlimited time; also, C. P. to erect new station to use 1210 kc., 100 watts, and unlimited time; Joe D. Carroll, Lubbock, Texas, C. P. to erect new station to use 1310 kc., 100 watts, and unlimited day operation; KRE, First Congregational Church, Berkeley, Calif., license to cover C. P. granted 2/17/31 for new transmitter; W. E. Whitmore, Roswell, N. M., C. P. to erect new station to use 1370 kc., 100 watts and to divide time with Station KGFL.

Applications Other Than Broadcasting

June 1 - WQZ, RCA Communications, Inc., San Juan, P. R., renewal, 15445 kc., 80 KW, point-to-point; KGPN, City of Davenport, Davenport, Iowa, license to cover C. P. for 2470 kc., 50 watts, police service; KGVV, Continental Oil Co., Portable #7, license covering C. P. for 1600, 1652, 1664, 1680, 1704 kc., 10 watts, geophysical; KHERI, New York, Rio & Buenos Aires Line, Inc., NC-659M, assignment of license to PanAmerican Airways, Inc., aircraft; KPK, Radiomarine Corp. of America, Portland, Oregon, C. P. for additional transmitter 500, 476, kc., 40 watts, Marine Relay; W9XAB, Chicago Federation of Labor, Chicago, Ill. (Portable), renewal for 1564, 2368 kc., 7.5 watts, special experimental.

June 3 - Indiana's Community Broadcasting Corp., Hartford City, Ind., new C. P. for 1584, 2392 kc., 12.5 watts, special experimental; W6XAD, Whiteford and Ausman, San Francisco, Calif., modification of C. P. for change in transmitter location and extension of time, experimental; W3XAJ, RCA Victor Co., Inc., Camden, N. J., modification of C. P. for 23100, 25700, 26000, 27100, 34600, 41000, 51400, 60000 to 400000 above 401000 kc., 500 watts, 500 w., and extension of time, experimental; Radiomarine Corporation of America: W8XJ, West Dover, Ohio, renewal of license for 3106, 3082, 3088, 3160, 2172, 3178, 5570, 5540, 5660 kc., 350 watts, special experimental; WSC, Tuckerton, N. J., modification of license 143, 500, 5525, 11050, 16580, 22100, 111, 125, 133, 137, 170, 462, 6485, 8350, 12520, 8370, 12670, 12820, 11185, 16780, 21700, 21740, 21780, 21820 kc., 3 KW, 5 KW, 500 w., 1.2 KW, 70 KW, 70 KW, 200 w., coastal.

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DECISIONS OF THE FEDERAL RADIO COMMISSION

The Commission on June 2nd took the following action:

Applications Granted

WRNY, Aviation Radio Station, Inc., New York City, license covering changes in equipment 1010 kc., 250 w., shares with WQAO-WPAP and WHN; WCAO, Monumental radio, Inc., Baltimore, Md., modification of license to change name to the Monumental Radio Co.; KHE, Everett Packing Co., moored vessel Herendeen Bay, Alaska Steamer "MAZAMA", C. P. for a 50 watt low frequency transmitter for point-to-point service; WSF, Mackay Radio and Telg. Co., New York City, modification of C. P. to extend completion date to 11/29/31; W2XDG, Bell Telephone Laboratories, Inc., Ocean Twp., N. J., renewal of license.

Applications Denied

KFPY, Symons Broadcasting Co., Spokane, Wash., denied modification of license to use 1220 kc., while KWSC at Pullman, Wash., is shut down instead of 1340 kc.; KFQW, KFQW, Inc., Seattle, Wash., denied motion to continue operation temporarily until July 1 (present license terminated May 29, 1931).

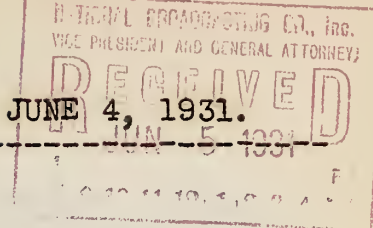
Set For Hearing

S. N. Baruch, Trustee for Fresno Broadcasting Co., Fresno, Cal., requests C. P. 1350 kc., 500 w., unlimited time (facilities of KPWF); The Sun-Gazette Co., Williamsport, Va., requests C. P. 1420 kc., 100 watts, unlimited, also to use portable to test for transmitter location; The American Legion, Dept. of Mo., Donald Holden Post No. 106, Albany, Mo., requests C. P. 1200 kc., 100 w., unlimited time; Fred H. Goss, Boston, Mass., requests C. P. 1500 kc., 100 w., night, 250 watts, LS, unlimited; George J. Idleman, Jr., and Charles E. Wilson, Lake Holbrook, Colo., requests C. P. 1420 kc., 100 w., shares equally with KGIW.

Also, action taken June 1, 1931, WGR, Buffalo Broadcasting Co., Buffalo, N. Y., requests that authority of Station WKRC, in Cincinnati, to operate with 500 watts experimentally in addition to its regular licensed power of 500 watts, be terminated (WKRC to be made respondent to such hearing).

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JUNE 4, 1931.



PATENTS, TRADE-MARKS AND DESIGN

The following patents were granted during the week ending June 2, 1931:

- 1,807,602. Sound Reproducing System. Arthur Stanley Radford, Southall and Michael Bowman-Manifold, Hayes, England, assignors to Victor Talking Machine Company. Filed August 29, 1929, and in Great Britain September 27, 1928.
- 1,807,605. Radio Coil. Roy F. Sickles and Frank W. Sickles, Springfield, Mass. Filed September 19, 1929.
- 1,807,606. Radio Coil Winding. Roy F. Sickles and Frank W. Sickles, Springfield, Mass. Filed September 19, 1929.
- 1,807,654. Magnetic Pick-Up Device. Victor H. Emerson, New York, N. Y., assignor to Remsen Corporation, New York, N. Y. Filed May 6, 1929. Renewed October 11, 1930.
- 1,807,658. Communication System. Frank W. Godsey, Jr., New Haven, Conn., assignor of one-third to Wesley B. Hall, New Haven, Conn. Filed April 29, 1929.
- 1,807,759. Prevention of Parasitic Oscillations. Harold C. Silent, Los Angeles, Calif., assignor to American Telephone and Telegraph Company. Original application filed Nov. 9, 1928, Patent No. 1,785,819, dated December 23, 1930. Divided and this application filed March 27, 1930.
- 1,807,844. Adapter. Charles E. Huffman, Montclair, N. J., assignor to Westinghouse Lamp Company. Filed June 25, 1927.
- 1,807,885. Filament Mounting. William Weingartner, Irvington, N. J., assignor to Westinghouse Lamp Company. Filed August 31, 1929.
- 1,807,892. Grid Winding Machine. Robert Brindle, Jr., West Orange, N. J., assignor to Westinghouse Lamp Company. Filed February 9, 1929.
- 1,807,919. Radio Compass. Frederick A. Kolster, Palo Alto, Calif., assignor to Federal Telegraph Company, San Francisco, Calif. Filed June 6, 1925. Renewed October 14, 1929.
- 1,807,927. Mercury Vapor Lamp. Montford Morrison, Chicago, Ill., assignor, by mesne assignments to Westinghouse Lamp Company. Filed February 8, 1929.
- 1,807,940. Sound Control Apparatus. John E. Stafford, Lincoln, Calif., assignor of one-third to John Calvin Moore, Lincoln, Calif., and one-third to Charles Edward Finney, San Francisco, Calif. Filed January 8, 1930.

- 1,807,994. Electrical Apparatus. Orin E. Marvel, Dayton, Ohio, assignor, by mesne assignments, to General Motors Radio Corporation, Dayton, Ohio. Filed March 30, 1925.
- 1,807,995. Electrical Apparatus. Orin E. Marvel, Dayton, Ohio, assignor by mesne assignments, to General Motors Radio Corporation, Dayton, Ohio. Filed March 30, 1925.
- 1,808,013. Tube Tester. Job R. Barnhart, Lakewood, Ohio, assignor to Walter M. Scott, Lakewood, Ohio, and Raleigh E. Tresise, Cleveland Heights, Ohio. Filed January 7, 1930.
- 1,808,137. Electrooptical System. Ralph V. L. Hartley, South Orange, N. J., assignor to Bell Telephone Laboratories, Inc., New York, N. Y. Filed August 28, 1928.
- 1,808,149. Electrodynamic Speaker. Morris Smith, Los Angeles, Calif. Filed April 3, 1929.
- 1,808,150. High Frequency Amplifier, Percival J. Townsend, Los Angeles, Calif. Filed November 1, 1927.
- 1,808,174. Padded Sound Reproducing Horn. Leonard L. Maxam, San Pedro, Calif., assignor of one-third to Clarence S. Crews, San Pedro, Calif. Filed June 19, 1929.
- 1,808,189. Phonograph. Etienne Vadasz, Ste.-Croix, Switzerland. Filed March 29, 1929, and in Germany August 3, 1928.
- 1,808,220. Keying. Clarence W. Hansell, Rocky Point, N. Y., assignor to Radio Corporation of America. Filed November 2, 1927.
- 1,808,297. Loud Speaker. Burgess Dempster, Berkeley, Calif., and John C. Koonz, Evanston, Ill., assignors to The Magnavox Company, Oakland, Calif. Filed May 6, 1930.
- 1,808,301. Automatic Radiotron Tube Testing Machine. John E. Ferguson and Charles A. Nicolai, Bloomfield, N. J., assignors to Westinghouse Lamp Company. Filed October 18, 1928.
- 1,808,512. Sound Radiating Apparatus. Lazarus Shapiro, New York, N. Y. Filed June 16, 1928.
- 1,808,538. Transmission Regulation. John C. Gabriel, New York, and Frank A. Hubbard, Lynbrook, N. Y., assignors to Bell Telephone Laboratories, Inc., New York, N. Y. Filed March 11, 1929.
- 1,808,540. Signaling System. John J. Gilbert, Douglaston, N. Y., Douglaston, N. Y., assignor to Bell Telephone Laboratories, Inc., New York, N. Y. Filed May 31, 1929.

- 1,808,579. Generation of Electric Currents. Leon J. Sivian, Bloomfield, N. J., assignor to Western Electric Company, Inc., New York, N. Y. Filed April 29, 1926.
- 1,808,726. Audio Frequency Coupling. Harold P. Donle, Meriden, Conn., assignor, by mesne assignments to Radio Inventions, Inc. Filed May 9, 1928.

Reissues

- 18,089. Pick-Up. Frank L. Capps, Milford, Conn., and Harry A. Summers, Brooklyn, N. Y., assignors to Columbia Phonograph Company, Inc., Bridgeport, Conn. Original No. 1,760,114, dated May 27, 1930, filed April 13, 1929. Application for reissue filed August 6, 1930.
- 18,090. Method of and Apparatus for Recording and Reproducing Sound. Bernard Kwartin, Brooklyn, N. Y., Original No. 1,781,550, dated November 11, 1930, filed December 2, 1927. Application for reissue filed January 8, 1931.

Design

- 84,309. Radio Cabinet. Gertrude E. Thompson, Elgin, Ill., assignor to Van Sicklen Corporation, Elgin, Ill. Filed March 26, 1931.

Trade-Mark Cancelled

- 256,950. Radio loud-speakers, telephone receivers, and parts thereof. The Magnavox Company, Oakland, Calif. Registered May 28, 1929, Canceled May 18, 1931.

Trade-Mark Registration Granted

- 283,655. Radio Receiving Sets. The Studebaker Corporation, South Bend, Ind. Filed December 30, 1929. Published March 10, 1931.

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 (June 2, 1931):

- Ser. No. 296,731. DeForest Radio Company, Passaic, N. J. Filed March 3, 1930. Trade-Mark: "-VIS-ION-". Applicant disclaims the word "Ion", also the word "Vision" is hereby disclaimed except in the connection shown. For Electric Lamps, Glow Tubes, and Electron and Space Discharge Tubes for use in Television and Picture Transmission; and unitary television and picture transmitting and receiving equipment. Claims use since January 29, 1930.
- Ser. No. 310,356. Utah Radio Products Company, Chicago, Ill. Filed January 24, 1931. "ISODYNE" written in semi-circular form. For Radio Speakers. Claims use since January 19, 1931.
- Ser. No. 312,635. Arcturus Radio Tube Company, Newark, N. J. Filed March 28, 1931. Trade-Mark: Solid black circle with small Greek letter "m" with arrow running through it. Applicant disclaims, for purposes of registration only, the representation of the Greek letter apart from the mark as shown in the drawing. The cross lining on the drawing merely indicates shadow and not color. For Electron Emissive Tubes and parts thereof. Claims use since January 5, 1931.
- Ser. No. 312,930. Silver-Marshall, Inc., Chicago, Ill. Filed April 3, 1931. Trade-Mark: "SUPERETTE" for Radio Receiving Sets, kits for radio receiving sets, electric pick-ups for Phonographs, and accessories and parts consisting of aerials, battery eliminators, binding posts, chokes, coils, coil sets, condensers, dials, grid leaks, jacks, loud speakers, panel boards, potentiometers, radio amplifying units, radio rectifying units, rheostats, shields, transformers, electron tubes, tube sockets, tuning units, choke coils, and wire and cable for radio sets and apparatus. Claims use since Feb. 27, 1931.

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