

U.S. GRANTS 16 RADIO PATENTS IN PAST WEEK

Five Go to Francis Jenkins
on Transmission In-
vention.

By Times Special
WASHINGTON, Jan. 15.—Sixteen patents on radio inventions were granted by the United States patent office during the past week. Five of these patents went to C. Francis Jenkins on his invention for the transmission and reception of pictures by radio. A brief description of the other patents granted follows:

Signaling system (No. 1,521,018), invented by H. L. Godfrey of Wilkinsburg, Pa., and assigned to the Westinghouse Electric and Manufacturing Company. A feature of this invention is a frequency trap which, when opened, enables the energy to be radiated from the system, and when closed affords a substantially infinite impedance to the antenna circuit.

Electron discharge amplifier (No. 1,520,994), invented by Harold D. Arnold of Maplewood, N. J., and assigned to Western Electric Company. An object of this invention is to provide means whereby the ratio of amplification can be varied without varying the impedance presented by the amplifier as a whole to the impulses which are to be amplified.

Electric ground clamp (No. 1,520,868), invented by Raymond M. Hutton of Philadelphia, Pa. An object of this invention is to provide an improved electrical ground clamp which will facilitate the grounding and bonding of electric conduit and other piping.

Method of receiving electrical oscillations (No. 1,520,835), invented by Alexander Meissner of Berlin, Germany. The object of this invention is the heterodyning of received current so as to strengthen the vibrations in the telephone receivers.

Process for finishing panels for radio sets (No. 1,521,096), invented by Paul M. Hennegan of Cincinnati, Ohio. This invention relates to the marking of radio panels.

Combined radio and phonograph amplifier and tone control therefor (No. 1,521,366), invented by Alfred H. Haag of Baltimore, Md. This invention permits the phonograph amplifier to be used as a loud speaker for radio reception.

Receiving system (No. 1,521,380).

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University Giving Fiction Course

By NEA Service

NEW YORK, Jan. 15.—Columbia University is sponsoring a lecture course on contemporary English fiction, that is being broadcast weekly through station WEAF.

The lectures are given by Professor Dorothy Brewster and John A. Burrell. Both lecturers are prominent literary critics. They have been teaching for several years in the English department of University Extension at Columbia.

Invented by David G. McCaa, of Lancaster, Pa., and assigned to the Electric Apparatus Company. The object of this invention is the reduction of static, strays and other natural or artificial disturbances including other radio signals.

Synchronizing rotating bodies (No. 1,521,205), W. S. Stephenson, and George W. Walton, of London, England. This invention relates to means for maintaining two rotating bodies spaced a distance apart in synchronism by the use of wireless or electro-magnetic waves.

Transformer (No. 1,521,252), invented by E. N. N. Rauland, of Chicago, Ill. The object of this invention is to provide a simple and sturdy transformer of compact design.

Telephone headset (No. 1,521,275), invented by G. W. Carpenter and Wendell L. Carlson, of Schenectady, N. Y. An object of this invention is to shield the telephone cords of the headset from strays or other external interference.

Fixed and variable grid leak (No. 1,521,213), invented by S. N. Baruch, of New York, N. Y. An object of this invention is to provide a variable high resistance for radio circuits with little or no microphonic characteristics.

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WJAX IN FAREWELL

Goodyear Tire and Rubber Co. Takes
Over Station.

This evening WJAX, The Union Trust Co., Cleveland, Ohio, will say farewell to radio fans and WEAR, The Goodyear Tire & Rubber Co., Akron, Ohio, will make its debut in the radio world.

Like all farewell parties The Union Trust Company is going to spare no effort in making this concern one that will go down in the annals of radio history. And, like all debuts, The Goodyear Tire & Rubber Co., is going to exert every energy in collaborating with The Union Trust Co., to present, as its first concert, the best program of the season.

One in Philippines

A super-power broadcasting station is being planned for the Philippines, according to Rear Admiral W. H. G. Bullard retired. The station will be built by the Radio Corporation of America for its subsidiary company there.

STUDIO GOSSIP

THE Harvard-Yale hockey game will be broadcast play by play direct from the Boston Arena through station WBZ Saturday evening Jan. 17, starting at 7:30. At 10:30 Leo Reisman and his Hotel Brunswick orchestra will broadcast a program of dance music direct from the Hotel Brunswick ball room.

The final program of station WJAX whose call will be changed to WEAR when the Goodrich Rubber Company takes over the station next week will go on the air this evening starting at 6:30.

Station WAHG will broadcast a special program of dance music for far-West listeners Saturday evening starting at 11 p. m. and lasting until 2 a. m.

George Bernard Shaw's play "Arms and the Man" will be presented by the KGO players from the Pacific Coast station Thursday evening Jan. 29.

The Trinity Cathedral Choir under the direction of Albert L. Faux will present a special program through station WOR, Newark, Saturday at 7 p. m.

Station KSD St. Louis will continue to broadcast the music and specialties of the Missouri and Grand Central Theaters as a regular weekly feature each Monday evening.

WBAP Ft. Worth will broadcast a program by the original "Old Gray Mare Band" of Brownwood, Texas, Monday evening Jan. 19. This program will start at 9:30. The Hired Hand will do the announcing.

The program broadcast from WCBD Sunday evening will include several special numbers by the Zion White Robe Choir.

Morning exercises are now being broadcast by WLW every morning at 8 a. m.

THE St. Louis Symphony Orchestra under the direction of Rudolph Gantz will be heard in a special program of music by Jewish composers direct from Moolah Temple, St. Louis Tuesday evening Jan. 29, the concert is given in compliment to delegates of the national convention of Jewish Congregations of America. This program will be broadcast through station KSD and will begin at 8:15.

THE SOUTHTOWN ECONOMIST 266 meter station, WBCN, and the Midway Dancing Gardens, Sixtieth St. and Cottage Grove Ave., Chicago, have completed a tie-up that will result in listeners to WBCN being regaled nightly, except Monday, with music by the famous Midway Gardens Recording Orchestra.

The first of a series of radio dramas given at KGO during the past year, which are to be repeated at the request of thousands of radio listeners, will be the "Green Goddess," a thrilling story of India, which will go on the air from the Pacific coast station this evening at 10:30 central time. Wilda Wilson will direct the six members of the cast.

Friday night brings another of the series of concerts by the United States Navy Band Orchestra, performing in the auditorium of the United States Marine Barracks in Washington, D. C., and broadcast simultaneously by WEAF, New York; WCAP, Washington, and WEI, Boston.

Other features on WEAF's program for Friday evening will include a program of popular dance music by Jack Albin's Hotel Bossart Orchestra and Meyer Davis' "Lido Venice" Orchestra.

The St. Louis Symphony Orchestra, under the direction of Rudolph Gantz, will be heard through station KSD Saturday evening. This program will be broadcast direct from the Odeon. KSD operates on 546 meters.

Radio listeners who hear KSD will be entertained and informed on the subject of the forthcoming total eclipse of the sun by a talk to be delivered by the Rt. Rev. Mgr. Martin S. Brennan, famous St. Louis astronomer. His talk will be of interest to all who listen in, because he has the faculty of telling the most profound scientific facts in language that is easily understood by every one. He is scheduled to speak at about 8:15 on Friday evening, Jan. 16.

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