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PATENT BOOM ENLIVENS RADIO, TELEVISION; ENGINEERS ALSO BUSY

Not bothered by political events, radio and television inventors were granted an unusual number of patents this week. One which attracted much attention was a license (Patent No. 2,452,293) granted to the wireless veteran, Lee DeForest, of Los Angeles, for the transmission of television in color effected, it is claimed, without any flicker.

Furthermore, radio engineers are turning their eyes away from Washington national election reverberations, and the Federal Communications Commission in anticipation next week of discussing technical advances in the industry at the annual Fall meeting of the Engineering Department of the Radio Manufacturers' Association, and the Institute of Radio Engineers at Rochester, N. Y., November 8-10.

The latest invention of Dr. DeForest, who already has several hundred others to his credit is described as a "new and useful system for transmitting, receiving, and projecting in natural colors objects presented before a television pick-up camera, or iconoscope, at the transmitting station."

Designed to overcome obstacles and objections inherent in prior systems, this one makes use of a pair of cathode beam tubes and in combination therewith a multi-color filter so constructed and disposed that no color flicker whatever is said to be reflected in the image reproduced upon the viewing screen, a major advantage among the many held by Mr. De Forest to be provided by his invention.

Also having to do with television was a device patented (No. 2,251,734) by Edwin Hopkins of New York City, providing for the transmission, by wireless or guided wave (wired wireless) telephony, of sights and sounds, for outdoor or indoor screen presentations on large or small reproduction before many widely separated audiences.

"Set up in a theater, or in Congress, or at an athletic contest or elsewhere", it is stated, "the apparatus will deliver to distant audiences simultaneously reproductions of the scenes being enacted, together with accompanying sounds.

"Reproductions of actual scenes, or of motion pictures or sign matter of any kind may be effected. The scene being enacted on the stage of a theatre may be shown on the theatre's sky sign, or a motion picture being shown in the theatre may be so reproduced on sky signs."

An apparatus for radio tuning, volume control, wave band selection and other purposes was patented (No. 2,452,067) by Freeman H. Owens, of New York City; a high emission cathode assembly (No. 2,452,044) by Benjamin Fox, also of New York, and assigned to the United States of America as represented by the Secretary of War; and an electronic apparatus for frequency conversion (No. 2,452,048) by William W. Hansen and Russell H. Varian of Garden City, N. Y., assigns to the Sperry Corporation.

To Jacob Louis Snoek of Eindhoven in The Netherlands, went three patent awards for the development by him of new ferrite materials effective for the production, at a considerable reduction in size, of high-frequency induction coils, radio transformers and other electromagnetic appliances having a quality coefficient said to be many times greater than those of conventional manufacture.

Rights in these patents (Nos. 2,452,529, 2,452,530 and 2,452,531) were assigned by the inventor to the Hartford National Bank and Trust Company of Hartford, Conn., and trustee under indenture to the N. V. Phillips Company of The Netherlands.

The tentative program for the Rochester RMA-IRE meet follows:

Monday, November 8

9:30 A.M. - B. E. Shackelford, Presiding.

A Television Station Selector Using Die Stamped Inductances, A. D. Sobel, A. W. Franklin Mfg. Corp.

A Discussion of Image Sharpness in Photography and Television, O. H. Schade, Radio Corporation of America
Application of Subminiature Tubes, R. K. McClintock, Sylvania Electric Products, Inc.

2:00 P.M. - D. B. Smith, Presiding

The Transitrol, An Experimental A.F.C. Tube, J. Kurshan, RCA Laboratories

8:15 P.M. - General Session - E. F. Carter, Presiding

What's When in America, Kenneth W. Jarvis, Consulting Engineer

Tuesday, November 9

9:00 A.M. - S. L. Bailey, Presiding

Report of RMA Safety Committee

Developments in Germanium Crystals, Stuart T. Martin and Harold Heins, Sylvania Electric Products, Inc.

A Television Distribution System for Laboratory Use, Joseph Fisher, Philco Corporation

2:00 P.M. - D. D. Israel, Presiding

A Direct Coupled Video and AGC System for Television Receivers, H. R. Shaw, Colonial Radio Corporation

A Pulse-Cross Generator for Television Receiver

Production, R. P. Burr, Hazeltine Electronics Corp.

Wednesday, November 10

9:30 A.M. - O. L. Angevine, Jr., Presiding

Lightweight Pickup Design for Microgroove Record

Playing, B. P. Haines, Elmo Voegtline, C. D. O'Neill and R. S. Cranmer, Philco Corporation

Symposium - "What Constitutes High Fidelity",

Harvey P. Fletcher, Bell Telephone Laboratories,

John K. Hilliard, Altec Lansing Corporation

High Quality Audio System for Radio Receivers,

2:00 P.M. - K. J. Gardner, Presiding

Front Ends of Television Receivers, J. O. Silvey, General Electric Company

A Picture-And-Sound-Modulated Generator for Television Receiver Production, W. R. Stone.

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MACKAY RADIO SEEKS PAKISTAN HEARING CONTINUANCE

In the case of Mackay Radio and Telegraph Company and RCA Communications regarding the establishment of a radiotelegraph circuit with Pakistan, Mackay through its attorney James A. Kennedy, asks the FCC for a continuance of the hearing for sixty days. One reason given is that the present hearing date, November 8, will interfere with adequate preparation of the case.

In its motion continuance, Mackay further states:

"We are advised that the Pakistan Administration is not presently equipped or otherwise prepared to establish a radiotelegraph circuit with either of the applicants in this proceeding, either directly or via Tangier, and will not be so equipped or prepared for quite some time in the future. It does not appear therefore that the interests of the public or of the parties hereto will be adversely affected by the continuance herein requested."

Mackay concludes by advising the Commission that RCA Communications has no objection to the postponement requested.

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PETRILLO TALKS TURKEY RE RECORDS; ASKED "WHAT DID HE GAIN?"

Subject to ruling on a still unresolved question, whether the newly conceived royalty fund is legal or not under the Taft-Hartley Act, record manufacturers and James C. Petrillo's AFM reached agreement last week.

The agreement was the first tangible basis for a settlement.

The proposed royalty fund settlement revolves around a plan for its establishment and administration under an impartial third party, acting as trustee. The original fund was created from royalties paid directly to the union.

Attorneys for the AFM and the record and transcription companies must still agree on the legality of the proposed fund, and the Department of Justice must find it legal, before the settlement becomes final, it was said.

Editorially the New York Times, referring to Petrillo, asks "What Did He Gain?"

"As will be recalled, when the union's ban on the production of new disks went into effect on Jan. 1, Mr. Petrillo proclaimed that 'never again' would members of his organization make new records. He also reiterated his well-known view that 'canned music' was an evil that only spelled unemployment for instrumentalists.

"Now, ten months later, history repeats itself. Just as he did several years ago in the case of his first ban on records, Mr. Petrillo has found it expedient to forget his one-man crusade against mechanical progress and to conclude a contract with the phonograph record manufacturers.

"What have been the fruits of Mr. Petrillo's course? The union itself has lost more than \$1,000,000 for its welfare fund as well as an added source of income for many of its members over a ten-month period. The record industry has had to suffer an unwarranted and arbitrary hardship at a time when it could ill afford to do so. The public has been deprived of the latest popular recordings by 'name' bands.

"Now, when the damage has been done, it is Mr. Petrillo who has taken the initiative in working out a reasonable solution at the conference table. In the future the public, the record industry and Mr. Petrillo himself would benefit if he recognized that use of the conference table should come before and not after a costly and futile ban."

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RICHARD JONES DIRECTS ALL FT. INDUSTRY DETROIT STATIONS

Richard E. Jones of The Fort Industry Company, has been promoted to the position of General Manager of that Company's Detroit operations. The company owns and operates WJBK-AM, WJBK-FM, and WJBK-TV there.

Mr. Jones joined Fort Industry September 1, 1948 in the capacity of Managing Director of WJBK-AM and WJBK-FM and will now supervise the operation of WJBK-TV, thus heading all three of their stations in Detroit.

"Our expanded operations in the Detroit area have made necessary this change in directorship, in order to provide a single operating head of the three Detroit stations", George B. Storer, President of The Fort Industry Company, said.

Ralph G. Elvin will continue as Managing Director of WJBK-TV under the new operational set-up.

WJBK-TV is now presenting daily programs of television shows, including features from two television networks: CBS-TV and DuMont Television.

In addition to WJBK, Detroit, The Fort Industry Company owns directly or through subsidiaries Radio Stations WAGA, Atlanta; WGBS, Miami; WLOK, Lima; WMMN, Fairmont, West Va.; WSPD, Toledo; and WWVA, Wheeling, West Va.

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C-O-R-R-E-C-T-I-O-N

The following letter has been received from John M. Outler, Jr., General Manager, Station WSB and WSB-TV, Atlanta:

"On page 4 of your Radio News Service, dated October 20, 1948, is a release to which exceptions should be taken - in the interest of accuracy in reporting news of the industry.

"Part of this release states in substance that WAGA-TV would have an inaugurzl on October 24 - an advance of five weeks over the original estimated opening date of December 1st.

"Well informed sources of information in Atlanta point out that on the date of this release the construction of a tower - permanent or temporary - for WAGA-TV had not begun. The pylon and batwing were then, and are still now (as of October 27), reposing on the ground - a physical circumstance which engineers claim to be detrimental (if not prohibitive) for any sort of broadcasting.

"Our concern is over-exploitation of television in an industry sense. All of us are interested and anxious for publicity which promotes television - either nationally or locally. But publicity which is falsely predicated or misleading is detrimental to all television - and is therefore to be decried and signalized.

"To keep the records straight, let it be noted that WSB-TV is the only television station in Georgia with a complete tower, 498 feet of steel, plus the FM pylon and TV batwing - 598 feet total; and the only television station in this area with a specially designed building."

(Editor's Note:

The above story referred to by Mr. Outler, Jr. was based on a Television News release from the Columbia Broadcasting System in New York dated October 14.

R.D.H.)

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ELECTRIC RAZOR AT WRONG TIME MIGHT LAND BRITISHERS IN JAIL

The British Government will introduce legislation making persons who use electric razors during peak radio listening hours subject to fines and possibly jail sentences.

The bill lists 69 other gadgets which produce interference with radio or television reception. For example, motorists who park their cars near television receivers will be asked to fit suppressors to their motors.

Passage of the bill, according to the United States, would mean that each household would have to pay from 50 cents to \$76 for suppressors for electrical appliances. Under the bill, any person refusing to use suppressors after his neighbors had complained would be liable to a \$400 fine or three months' imprisonment.

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DUNLAP'S NEW TELEVISION BOOK RINGS THE BELL

In addition to many complimentary reviews, Orrin E. Dunlap's latest book "Understanding Television" also brought forth an editorial in the Boston Herald. In the words of Greenberg, Mr. Dunlap's publisher: "When a newspaper like the Boston Herald devotes an editorial to a new book, that's news."

The Herald said in part:

"For those who consider a little knowledge less dangerous than none, Orrin E. Dunlap, Jr., a vice-president of RCA, has recently prepared an admirable little handbook entitled 'Understanding Television'. In it he explains in layman's language the theory and simple mechanics of television sending and receiving. He also digresses entertainingly on the problems of preparing television programs, as well as on other incidental aspects of the new communication medium.

"The book fills a noticeable gap in the popular science field and can be recommended both for its quality and its timeliness. In this television-conscious era we are not certain but what it should be classified as 'must' reading for the non-professional."

Time Magazine in reviewing the book of Mr. Dunlap, formerly radio editor of the New York Times, discovered another news angle. The review read in part as follows:

"The paper was The New York Times. The writer was its radio editor, Orrin E. Dunlap, Jr. His subject was television. He wrote: 'Now television is hailed as "a new billion-dollar industry" . . . The industrialists are agreed the time is opportune to "crystallize television as an industry".' Of sets, Dunlap wrote: 'The \$250 model will detect both pictures and sound . . . In the next price class, possibly from \$300 to \$500 the instrument will offer television combined with a circuit for (standard) broadcast reception.

"David Sarnoff, president of the Radio Corp. of America, was quoted as saying that manufacturers were aware of the many technical, artistic, and financial problems still confronting those who would establish television programs, but 'these problems must be solved before a national service of network television programs can be made available to the public.'

"In the long article, Dunlap went on to reiterate most of the facts which a television-conscious public thoroughly realizes today. What made the piece news was its dateline: Oct. 23, 1938."

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ELECTION UPSET DUMPS CAPITOL HILL RADIO CART

At a critical time a cub reporter once wired his office, "All here is confusion." The same might be said of Capitol Hill and Washington generally this memorable morning after election (Wednesday, November 3). In the light of early returns with even the presidency still in doubt, few things appear certain regarding the radio situation.

One is, however, that with the reported defeat of Representative Forest A. Harness (R), of Indiana, the investigation of the Federal Communications Committee which had been sparked by Mr. Harness, may receive a setback. The distress of the Hoosier solon came as a complete surprise. Whether or not the FCC investigation cudgel will now be taken up by Representative Eugene E. Cox, (D) of Georgia, if the Democrats finally win control of the Senate remains to be seen. Representative Cox is a colleague of Mr. Harness on the House Rules Committee, an old enemy of the FCC, and is supposed to have been the power behind the throne in starting the present investigation. Representative A. J. Sabath (D), of Illinois, would again head the Rules Committee.

If the Democrats control the House, Representative Robert Crosser, of Ohio (D), will succeed Rep. Clarence F. Lea (D), of California, who did not run for re-election, as Chairman of the House Interstate and Foreign Commerce Committee which handles radio and communications legislation. If the House is Republican, Charles A. Wolverton, of New Jersey, would be the Chairman.

If the Democrats gain the Senate majority, Senator Edward C. Johnson (D), of Colorado, would succeed Senator Wallace H. White as Chairman of the Senate Interstate and Foreign Commerce Committee, and be the body's czar of radio and communications. Senator Johnson at this writing is supposed to have a majority of 210,000 to the 104,000 of his opponent Will F. Nicholson (R). If the Republicans win the Senate the Senate Interstate Commerce Chairman would be either Senator Charles W. Tobey (R), of New Hampshire, or Clyde M. Reed (R), of Kansas.

If Representative Lyndon B. Johnson (D), of Texas, finally gains his seat in the Senate, it will be an indirect radio acquisition as his wife Claudia is the owner of Station KTBC at Austin, Texas.

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WSB-TV ATLANTA, BECOMES NEW ABC AFFILIATE

Affiliation of WSB-TV, Atlanta, with the American Broadcasting Company television network was announced last week by J. Leonard Reinsch, Managing Director of the station, and Mark Woods, President of ABC. WSB-TV is also affiliated with the National Broadcasting Company video network. The station, on the air since September 29, is on Channel 8 (180-186 mc).

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TELEVISION SEEN OPERATING IN THE BLACK FOR SEVERAL YEARS

Television industry prospects based on a report of remarks made by F. A. Kugel, Editor of Television Magazine at a meeting attended by a member of the Research Department of Francis I du Pont & Company, 1 Wall Street, New York City, follow in part:

"The industries most likely to be affected from the increasing use of television sets and the decreasing use of ordinary radio sets would appear to be the radio broadcasters, the motion picture companies and the theatres. Also, some of the press companies which derive a large portion of income from radio.

"A recent survey among those who now own television sets clearly indicates some of the problems and changes needed in the broadcasting and motion picture industries, the two trades most vitally affected by the greater and increasing use of television. For example two-thirds of the owners of television sets interviewed preferred television to radio at all times and 9 out of 10 television set owners do not listen to the radio broadcasts at time that television programs are on. The effects of the impact on the motion picture industry will be equally as startling as the effects on the broadcasting stations: A study of what happens to the motion picture industry among the television owning public indicates clearly that any major motion picture company which does not take an active position in television is definitely negligent in its responsibilities to its stockholders. In the survey previously mentioned it was found that motion picture attendance dropped some 20% among those interviewed who owned television sets. On such a basis, the motion picture industry stands to lose the portion of its trade which makes the difference between profit and a loss. The three motion picture companies which are taking an active part in television in order to provide for the time when the television set will largely replace the radio and the effects on the motion picture companies will be felt with increasing weight are Paramount Pictures, Twentieth Century-Fox and Warner Brothers. Paramount has taken an active interest in every phase of television through its interest in Allen B. DuMont Co.

"DuMont expects to begin a full daytime telecasting schedule within the next three weeks. If that proves successful, the telecasting stations will have gone a long ways towards making telecasting a more profitable operation than it currently is, operating only on evening schedules.

"Color television is some five to ten years away, according to the speaker, and in the event that the Federal Communications Commission permits the use of color television, the sets presently constructed will still be usable but will merely pick up the image in black and white rather than color. At the present time the telecasting stations are operating at a loss and the speaker sees no reason to assume that they will operate in the black in less than two or three years."

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PRESIDENTIAL RADIO ADVISOR SAYS "BETTER SPEECH, BETTER JOB"

J. Leonard Reinsch, President Truman's radio adviser and Manager-Director of WHIO in Dayton, Ohio, WSB in Atlanta, and WIOD in Miami, declares that everyone can brighten his chances for success merely by improving his speech.

In an article in the November Coronet entitled "Speak To Success", Mr. Reinsch cites two cases that prove the importance of good speech. An aspiring young actress named Joan Crawford studied diligently to overcome a Texas drawl and in time became one of Hollywood's top stars.

"A high-pitched voice and a tendency to stutter handicapped an English statesman until he licked his difficulties and became a world-renowned orator. His name is Winston Churchill."

Mr. Reinsch, in his Coronet article, gives certain rules that will enable anyone to improve his speaking voice within a month. The rules aim to insure clear tones, proper articulation, correct breathing and proper pitch range.

By way of introduction, Mr. Reinsch told this interesting story:

"I was invited recently to dinner with the family of an old school friend. As we sat down at the table, Tom, my host, muttered what I supposed was a blessing, but I didn't understand a word he said.

"The meal progressed uneventfully until Tom's ten-year-old son pointed to the roast beef and mumbled something that sounded like, 'Mo ro be ple.' Immediately sparks began to fly.

"I've told you over and over, Jackie, to speak so we can understand you!" growled his father. The mother nodded, and uttered some gibberish about Jackie's indifference. The child frowned, then pushed his chair back and ran from the room, crying.

"I don't know what to do with that boy," said Tom. 'Mumble-mumble. He never says anything you can understand.' Then he looked earnestly at me. 'You're a speech expert,' he continued. 'What's wrong with him?'

"The trouble lies with you two," I said in honest reply. 'Neither of you speaks properly and Jackie is only imitating you.'

"For a moment they both looked hurt. Then Tom's face admitted his guilt. 'Maybe you're right,' he said quietly. 'Come to think of it, the boss at the office has griped a lot about not being able to understand me. But I always thought he was just being grouchy.'

"I suppose I'm also to blame," said Tom's wife, even then mouthing her words so that it was hard to understand what she said. 'I've tried so many times to express myself at PTA meetings, but I'm so afraid to open my mouth that I just don't speak at all.'

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21,200 TV SETS OPERATING IN WASHINGTON

As of November 1, 1948, there were 21,200 television receivers installed and operating in metropolitan Washington, according to the Washington Television Circulation Committee.

Membership of the Committee includes representatives of the three operating local television stations. The group was formed in December, 1947, in order that reliable set estimates which would be acceptable to the entire industry could be produced. The Committee derives its estimate from monthly television set sales figures furnished by the Washington Electric Institute to which are added the number of sets and kits sold by the few distributors who are not Electric Institute members.

These figures are cross checked by comparison with quarterly sales reports issued by the Radio Manufacturers' Association and by frequent cross-section polling of the metropolitan area to determine the percentage of Washington families owning sets.

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REP. CHAS. PARNELL THOMAS TO FACE DREW PEARSON CHARGES

Representative J. Parnell Thomas (R), of New Jersey, is due to appear before a Federal Grand Jury tomorrow (Thursday, November 4) to answer to charges made by Drew Pearson, radio commentator, that he received salary "kickbacks" from employees.

Mr. Thomas, Chairman of the House Committee on Un-American Activities, has not yet said what his answer will be to the grand jury's offer of the privilege to appear before it.

Running for re-election (and today, (Wednesday, Nov. 3) to have been re-elected by a small majority) Mr. Thomas had asked for the date of November 4, two days after the election on Tuesday.

The grand jury is currently inquiring into charges that Mr. Thomas put certain individuals on his congressional office payroll and then pocketed all or part of their salaries.

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CHICAGO TO HAVE ROTARY TV DAY

Top-level industry heads have been invited to a meeting in Chicago Nov. 16 when the city's Rotary Club sponsors "TV Day". More than 1,000 guests will hear FCC Chairman Wayne Coy speak on "The Potential of Television".

All Chicago television stations are cooperating in the special session, which will be in the form of a luncheon at the Sherman Hotel. Broadcast manufacturing leaders, stars of video and the screen and "Miss Television of 1948", elected at the recent National Television and Electrical Living Show in Chicago, will be

will be introduced. New TV equipment will be exhibited in the hotel's main dining hall, and luncheon guests will watch on-the-spot televising by WGN-TV, Chicago Tribune station, and WNBQ, NBC's Midwest video outlet which is on the air now on a test basis.

A special "jeep" studio, where persons may see themselves as the video camera does, will be installed by WGN-TV.

Mr. Coy is expected to be introduced by Niles Trammell, NBC President. Other special guests who have made reservations are Charles Denny, NBC Executive Vice President; Comdr. Eugene F. McDonald of Zenith; J. S. Knowlson and Samuel Insull, Jr., Stewart-Warner; Paul Galvin, Motorola, etc.

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GOV. CALDWELL, ORANGE BOWL COMMITTEE GREETED BY STANTON, CBS

Governor Millard Caldwell of Florida and more than 125 prominent Miami businessmen were greeted by Frank Stanton, President of the Columbia Broadcasting System, last Saturday night when he was host to the Orange Bowl Committee at a reception in the Waldorf-Astoria Hotel.

CBS has been broadcasting the Orange Bowl football classic in Miami exclusively every January 1 since 1940 and next New Year's Day will again exclusively broadcast the game.

J. P. Spang, Jr., President of the Gillette Safety Razor Company, which will sponsor the Orange Bowl broadcast, was among Mr. Stanton's guests.

The Orange Bowl Committee, which included Justice Alto Adams of the Florida Supreme Court, stopped off in Baltimore for the Navy-Notre Dame game and immediately after boarded their special train for New York.

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STUART BAILEY, NEW PRES. IRE; ARTHUR McDONALD, AUSTRALIA, V-P

The Institute of Radio Engineers has announced the election of Stuart L. Bailey as President of the Institute for the year 1949. Arthur S. McDonald of Australia was elected Vice President.

Mr. Bailey has been a Fellow of the IRE since 1943. He is a consulting radio engineer and partner of the firm Jansky and Bailey, Washington, D. C. Mr. McDonald, a Fellow of the IRE since 1941, is Chief Engineer of the Overseas Telecommunication Commission, Sydney, Australia.

For Director-at-Large, for the 1949-1951 term, the following members were elected: Dr. William L. Everitt, Fellow of the IRE since 1938, Professor and head of the Department of Electrical Engineering, University of Illinois, Urbana, Ill.; Donald G. Fink, Fellow of the IRE since 1947, Editor-in-Chief, Electronics, McGraw-Hill Publishing Company, New York, N. Y.

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BIG RESPONSE TO NAB, JR. CHAMBER, RMA "VOICE OF DEMOCRACY" CONTEST

Early responses from high schools, broadcasting stations and Junior Chamber of Commerce chapters throughout the nation indicate that more than 100,000 students in nearly 2,000 communities may compete in this year's "Voice of Democracy" contest, the event's sponsors announced Tuesday (November 2).

Robert K. Richards, National Association of Broadcasters public relations director, who is Chairman of the "Voice of Democracy" Committee, embracing the NAB, the Radio Manufacturers' Association, and the U. S. Junior Chamber of Commerce, said the competition may attract five times as many high school students as in its first year, 1947.

The contest, limited to students in the second, third and fourth years of high school, calls for the writing and voicing of five-minute broadcast scripts on the subject, "I Speak for Democracy".

Deadline for the announcement of community winners is November 28. State judging is to begin by December 6, and the deadline for receipt of transcriptions for national judging is December 15.

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U.S. IS INSTALLING TELEVISION ON LIGHTSHIPS

Naturally, men of the Coast Guard enjoy prize fights and other sports events. It is news, however, that Coast Guardsmen are enjoying that pleasure aboard ship - the pleasure of watching the events on television, that is.

Ambrose Lightship, Scotland Lightship, and Relief Lightship No. 78, which serves as relief for the other two light vessels, have all been equipped with television.

"Fixed rotary antennas" - nonmovable but capable of reception on various ship's headings - are installed on the lightships.

In addition to television for the three lightships in the 3rd Coast Guard District, there are six more sets on order for units of the 1st Coast Guard District. These units are: Boston Lightship, Boston Relief Lightship, Cape Ann Light Station, Baker's Island, Graves Island, and Boston light Station.

Because of the limited range of television reception and the very few television broadcasting stations in the country there are only certain areas of Coast Guard operation where television reception is possible.

The Electronic Test Station at Selbyville, Del., is now making tests on the range of television reception. Whereas no results have been published, the tests are not expected to show that every Coast Guard unit is now a potential site for television reception. The tests are, however, an instance of the Service's policy of keeping abreast of the latest technical developments. Perhaps television will be as commonplace at Coast Guard units as radio or telephone are at present.

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 ::: SCISSORS AND PASTE :::
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WCFM, Newest Washington, D.C. Station, Claims 40,000 Owners
 (Sonia Stein in Washington Post)

The advent of WCFM a week ago Wednesday would have created quite a ripple if no one except its owners had got excited. It has 40,000 stockholders.

Actually, the new station's 20,000 watts is cutting quite a swath in the local ether, and it went on the air with the blessings of 21 civic, religious and charitable groups which have been watching its emergence for three years.

Financially it's in fair shape. Having raised close to \$135,000, WCFM is trying to raise another \$15,000 to see it through the next two years during which it expects to operate at a loss. Manager Helmuth Kern says there are no illusions about WCFM being a paying proposition right away.

WCFM will sell advertising, but the station is not to be operated primarily for profit. Advertising will help to finance good programming, according to Mrs. Raymond Clapper, who is on the national campaign committee along with such other notables as Marquis Childs, Leon Henderson, Wendell Berge, Jerry Voorhis and Robert R. Nathan.

Dividends on the stock (\$10 a share) will be limited to 6 per cent, with owners of preferred stock getting their accumulated dividends as soon as the station begins to make money.

Common stock is owned by nine consumer cooperatives in this area, including Rochdale groceries, the Federation of Credit Unions, Konsum Garages, the housing and medical cooperatives and the Washington Workshop. * * * *

Kern makes it clear that the air will not be cluttered with the mouthings of crackpots, nor will organizations be given a disproportionate amount of time just because they ask for it.

Kern, a former correspondent for Dutch newspapers, will make the first decisions on these requests. If the petitioner is not satisfied, he can appeal to the program committee. If necessary, the request will go finally to the listeners' council, representative of the many diverse elements which make up the station's stockholders.

Will communism get a hearing on WCFM? Personally out of sympathy with communism, Kern is not afraid to air the issue and believes it should be discussed freely.

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The Big Television Advertisers
 ("Variety")

Following are the 10 top-spending advertisers in television today, with the estimated amounts each spends yearly, based on present commitments:

Camels, \$800,000; Philco, \$520,000; Gillette, \$500,000;
 Texaco \$440,000; Chevrolet, \$400,000; Lucky Strikes,
 \$350,000; Chesterfield, \$300,000; Emerson, \$260,000;
 Gulf, \$225,000; Kraft, \$220,000 - Total - \$4,015,000

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DuMont Called "Henry Ford Of The Radio"
(Robert H. Fetridge in "New York Times")

With an investment of \$1,000 - half supplied by a friend - his factory was established in the basement of his home at Upper Montclair, N.J., and finally moved into a store, but not without intermissions of financial headaches cured successively by borrowings. Soon the plant filled five stores and then, with the sale of rights to DuMont's invention, "the magic eye", to the Radio Corporation of America, he could afford to buy an old pickle works and convert it into what is now a link in the laboratories and factories of the company.

His inventions serve industry and the armed forces. But one that got a way back in 1933 was a honey. DuMont conceived a radio locator which could well have been the basis for radar's patents. For security reasons the patent application was withheld. When in 1939, DuMont decided he could wait no longer, he found the French had beaten him to the gun.

DuMont would be the first man to refute the fact that television is the invention of any one person. Its hall of fame lists many because the medium was evolved, not invented. Its evolution began with the nineteenth century scientists Henrich Hertz, who observed that electrical impulses could be transmitted without wire, and includes today's Dr. DuMont, credited with the commercial development of the cathode-ray tube, the medium of reproduction for television pictures.

Dr. DuMont is the Henry Ford of television.

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A-K Teaches Paraplegics To Become Radio Service Men

(Mary Van Rensselaer Thayer, in "Washington Post", Hollywood correspondent)

Individually the most active philanthropist hereabouts is retired radio tycoon Atwater Kent, a refugee from Philadelphia, Southampton and other points East, who is known chiefly for staging tremendous parties.

Mr. Kent, who lives in a palazoo set in 12 acres of elaborately landscaped Bel Air Mountain top, averages 40 parties a year which range in scope from a dinner for 24 to circus parties complete with elephants, seals and camels. But 50 per cent of these enjoyable affairs are given for civic causes.

But though Mr. Kent may spend his evenings, perhaps his afternoons, arranging, giving, attending parties, he devotes his mornings to the Atwater Kent Foundation. His foundation, started back in 1919, has given away an untold amount of money.

Originally in automobile ignition, Mr. Kent progressed to radio manufacturing, using his money, his knowledge of music to attract the best singers, the best classical music to the new-fangled contraption. To encourage youthful singers get started, he sponsored a series of auditions, the winners receiving Kent musical scholarships.

Besides running these contests the foundation contributes to over a hundred different charities out here - many of them small undertakings which need Mr. Kent's personal interest as well as his money to boost them to success. Perhaps the most interesting is his work with paraplegics.

(Continued on Page 16)

TRADE NOTES

Consolidated net income of Sylvania Electric Products, Inc., for the third quarter of 1948, amounted to \$613,415, an increase of 66.5 per cent over the same period of last year.

Net income for the first nine months of 1948 was \$2,724,717 an increase of 43 per cent over the corresponding period of 1947.

"You and Television", the first weekly topic of Columbia's Monday-through-Friday "You and...." series, will be discussed informally on successive days the week starting Monday, Nov. 8, 6:15 P.M., EST, by Frank Stanton, President of the Columbia Broadcasting System; and other guests.

Mr. Stanton will survey the current status of television in terms of set ownership, rate of set production, present and future price of sets, stations and networks now operating. Some of the questions to be asked and answered in the conversation-interview between Mr. Bryson and Mr. Stanton are: How many people can television hope to reach? Must television be confined to large cities? What will be the effectiveness of television as an advertising medium?

Television box score from Television Broadcasters' Ass'n Weekly News Letter -

Stations Operating	41
CPs Granted	83
Applications Pending	310

With the allocation of \$20,000 for newspaper advertising, Salt Lake City radio dealers and distributors announced plans for a Radio in Every Room campaign, to run from November 5 to November 20, similar to the highly successful drives conducted in New Orleans and Hartford, where radio sales were increased 150 per cent in a two week period.

DuMont (Allen B.) Laboratories, Inc. - Nine months: Net profit \$1,217,418, equal to 59 cents each on 2,032,730 shares of A and B stock, contrasted with \$296,971 or 15 cents each on 2,031,040 shares, last year; sales \$14,932,558, increased from \$6,815,315.

ABC commentator Drew Pearson has been awarded the Royal Medal of St. Olaf by King Haakon of Norway "for his efforts to help struggling democracies of Europe live."

The St. Olaf Medal marks the second time this year that the ABC commentator has been the recipient of a decoration from a foreign government. France bestowed on Pearson the Legion of Honor following the success of the Friendship Train earlier this year.

Paul A. Barkmeier in the retail merchandising field for the past 17 years, has been appointed General Manager of the RCA Victor Record Department.

The consolidated statement of income of the Radio Corporation of America and subsidiaries for the third quarter of 1948 and the first nine months of the year, with comparative figures for the corresponding periods of 1947, was issued last week by Brig. General David Sarnoff, President and Chairman of the Board of RCA.

Total gross income from all sources amounted to \$256,968,537 in the first nine months of 1948, compared with \$224,982,605 in the same period in 1947, an increase of \$31,985,932.

Net income, after all charges and taxes, was \$15,128,783 for the first nine months of 1948, compared with \$12,233,758 in 1947, an increase of \$2,895,025.

Patients in fifteen Washington area hospitals are now enjoying television programs, as a result of the Hospital Television Campaign concluded last week by Bill Herson of Station WRC.

Since August 7, Herson has been asking listeners on his WRC "Timekeeper" broadcasts each morning to send donations. Contributions as the campaign ended totaled \$3,628.26 which was used to purchase television receivers for the following hospitals:

Naval Medical Center; Glenn Dale Sanatorium; Casualty Hospital; Sibley Memorial Hospital; Gallinger Hospital; Freedman's Hospital; St. Elizabeth's Hospital; George Washington Hospital; Emergency Hospital; Walter Reed General Hospital; Garfield Hospital; Arlington Hospital; Suburban Hospital (Bethesda, Md.); Prince Georges Hospital (Cheverly, Md.); and Providence Hospital.

In the first nine months of 1948, earnings of Philco Corporation, after appropriations of \$2,100,000 for an inventory reserve and \$586,000 for a research reserve, amounted to \$6,631,000, equivalent after preferred dividends to \$4.23 per common share on the 1,502,462 shares now outstanding, it was announced last Friday.

In the corresponding period last year, earnings after appropriations of \$1,500,000 for an inventory reserve and \$596,000 for a research reserve, were \$5,632,000, equivalent after preferred dividends to \$3.90 per common share on the 1,372,143 shares outstanding on September 30, 1947.

Sales in the first nine months of 1948, which set a new high record, totaled \$194,156,000 as compared with \$157,209,000 last year, an increase of 23%.

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A-K Teaches Paraplegics To Become Radio Service Men (Continued from page 14)

A year and a half ago he started off supplying veteran paraplegic victims with 40 inexpensive, unassembled radio sets, plus an instructor. The veterans were taught how to assemble the sets to make all kinds of radio repairs. Since then more complicated sets have been bought by the Kent Foundation and some 200 men are constantly being taught radio repair technique. It's a type work especially suited to paraplegics and many of them, after leaving the hospital, have found good jobs, have become self-supporting.

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