3-D Video a Certainty, Says Electronics Pioneer

By Wayne Oliver-

NEW YORK (4).—Radio- Federal Communications Comtelevision pioneer Frank A. mission gives the go-ahead. D. Andrea says TV will follow the pattern of radio in development of sets, 'going through three major phases.

With radio, says the short. graying manufacturer who has been in the business 33 years. the crystal set was the first stage, the battery set the second, and the plug-in set operating on house current the third.

Television, he declares, is in "the first or black and white

Color will be the second major phase, he forecasts, and third and inevitable move will be :: receiver capable of producing a three-

dimensional picture."
"I believe we'll have 3-D in television without the use of glasses," he says. "It can be solved. It may be hit upon overnight — it may takek 20

AFTER THAT there will be other improvements, he continues, just as there have been many refinements but "nothing really new or revolu-tionary" in radio sets since development of models operating on household alternating

How soon does ne expect color sets on the market? Within 12 months after the

Today on Farm, 5:55; Dave Garro-way, 6.

Midday Comles Eddle McIntyre

Film Playhonse "Army Girl" Madse Evans Film Playhouse

This Is the Story Feminine Touch Inga's

Break the Bank

Kate Smith Hour Kate Smith Kate Smith

Footlight Theater Portla or Trial

Short Dramas Dinab Shore News Caravan

Star Theater Milton Berle Star Theater Milton Berle

Two for the Money Embassy Club Bob Considine

News. Harkness Cinema Playhouse "X Marks the Spot"

Playhouse

Travelers

he says, adding that all major manufacturers have the designs and know how to build them. But he cautions that the first models will be expensive. as were early black and white sets, estimating a 16-inch table model will cost just under \$600. Eventually he forecasts that color sets will sell for about 25 percent more than present prices for black and white models of comparable

BROUGHT to this country from Italy at the age of 18 months by his widowed mother, Andrea was working at an age when most youngsters were still in school and educated himself through night classes and home study. It was after three years of working for Dr. Lee De Forest, famed radio inventor. that Andrea decided to go into the infant radio business for himself and started in a one-room shop in 1920.

Today his plant at Long Island City turns out millions of dollars worth of radio and TV sets a year. Although wealthy now, the slender little TV tycoon is an unassuming as the day he started, as exemplified by a sign on his office door reading "Do not knock—just walk in."

Sherm's Allan Jefferys
Jerry and Allan Jefferys
Jimma Show Allan Jefferys

Confidential Pick Tem
With Pick Temple
Donald Cook The Early Show

Jim Gibbons Show Mark Evans Sho Jim Gibbons Show Mark Evans Sho Shop by Ty Ruth Crane Jane Froman

"Hidden Danger" Boston Blackle
John Mack Brown Boston Blackle

Famous Playhouse (Feature Flim) Wrestling From Baltimore Suspense

News. Bryson Rash Feature Film Sports; Take It Feature Film Easy Feature Film

Hollywood Matinee
with Ruth Crane
"Miss Pligrim's
Progress"

Miss Ruth Crane Miss Ruth Crane Bandstand Matinee Bandstand Matinee

Evalyn Knapp O'Clock Theater

Adventure Playbouse

Wrestling from Baltimore

Television programs will be seen in Washington an

hour earlier than usual today, since the networks are

broadcasting on Daylight Saving Time and Washington

is still operating on Eastern Standard Time. Radio

(NEC) 4 WITE (DUM) 5 WMAL-TY (ABC) 7 WTOP-TY (CBS) 9

Tuesday Television Programs

"Inside the Law"
Wallace Ford
Luana Walters
(film)

"Swamp Lady"
Ann Corlo
Jack LaRue

Show

Bazzar Hazel Markel (for women)

News; Art Lamb TV Disc Jockey Money Calling Aletha Asce; News

Money Calling Art Lamb Money Callins Agec; News

Western Tales
"Billy the Kid"
News; Sports
Time for Beany

Captain Video Captain Video Terry and the Pirates

Blahop Fulton V. Sheen

The Big Issue (discussion)

Where Was I? Where Was IT Wisdom of the Ares

Meet The Boss Meet The Boss I'm The Law George Baft

Luana Walters (film)

lews loontime

Paul Dixon

Paul Dixon

Tuesday Radio Highlights

WRC—12:15 p. m. Basil Rathbone is guest of Nancy

WRC-12:45. Faye Emerson and Jimmie Dorsey are guests of Gene Archer.

WWD C—1:25. Washington

Nats vs. Chicago White Sox baseball game. WCFM—7:45 and WWDC—

10:15. Dr. John J. O'Connor of the Georgetown Foreign Service School is interviewed about Home Rule for the District.
WTOP—9. "The San Antonio Matter," adventure star-

ring John Lund. WMAL-9, "Modern Woman: Companion or Competitor?" Discussion by Mrs. Alice Thompson, editor of the magazine Seventeen, and Dr.

Ashley Montague, chairman of

the Department of Anthropology at Rutgers University and author of "The Natural Superiority of Women."

WRC—9. Laraine Day visits
Dean Martin and Jerry Lewis
WTOP—10. Louella Parsons
includes parts of the sound track of "Salome" on tonight's broadcast.

WASH-FM-10:30. Secretary of Commerce Sinclair Weeks discusses "Business and Government Cooperation."

WRC-10:35. "The Punsters," new program featuring ad lib puns from the lips of guest panelists Bill Gold of The Washington Post, Les Sand, radio-TV disk jockey and sportscaster, and James Butler of Editor and Publisher magazine.

Hume's Music Selections

(Today's music programs selected by The Washington Post's music critic, Paul Hume.)

WGMS-1:30 p. m. Respighi: The Birds: Debussy: The Moon Illumines the Temple. WGMS-FM-8:30. *Ann Schein, pianist, plays Bach. Beethoven, Chopin, and Ravel.

WASH-10. Kabalevsky: The Comedians: Dvorak: Sympho-WGMS-FM-10:30. Schumann: Symphony No. 1.

*Live broadcast.

Tuesday Television Highlights

WNBW-1:30. "Inga's Angle" gets some new angles includ-"Washington Leading ing a

WNBW-7. Robert Cummings, Wally Cox and Lisa Kirk are guests of Milton

WTTG-7:30. "Is Congress Abusing Its Power of Investi-Sens. Warren Magnuson (D-Wash.) and Charles B. Potter (R-Mich). WTOP-TV-8:30. Foreign agents try to smuggle vital machinery over the border in

engined sky giants.

the most beautiful I've seen."

of Consolidated Vultee Aircraft

ROBERT CUMMINGS

WALLY COX

LISA KIRK

and JIMMY NELSON

will open an account.

TEXACO STAR THEATER

"MR.

TELEVISION"

"Sixth Column." WTOP-TV-9. Singer Johnny Desmond makes his dramatic debut in "Sing for Your Life," story of a disk jockey who gets involved with the underworld.

programs will be heard at their usual times since the local stations are able to record and play them back at the usual hour to accommodate the listeners. This arrangement will continue until Daylight Saving Time is authorized forthe District of Columbia to put it in step with the other parts of the Nation.

Tuesday Radio Programs

milly Johnson's Linding Grom Grow Galling Linding Grow Willing Grow Wi	_						has leased the field for 36 years.
method for the form of the for		Blli Jenkins, 5:45				AM 1500 FM 96.3	They aim to lick problems that have made municipal airports
Arthur Gallenger (Arthur Gallenger) Garry Moore (Arthur Gallenger) Garry Moore (Arthur Green and Arthur Gallenger) Garry Moore (Arthur		Cartoon Club Billy Johnson's	Music. Sports. 6-9. Gib- bons. Music. News, 8:15.	8, 8:30; Meed, 8:15	Volce of Wash'ton, 7:30: Art Brown. 7:45; Atom Test, 8:15: Heatter, 8:55	7:80; Eddle Galla- her, 7:45, News; Mark Evans. 6, Gallaher, 8:15.	The president of Fort Worth Air Terminal, Inc., is Amon G. Carter, publisher of the Fort
Garty Moore Strike it Rich Strike it		Arthur Godfrez	9:00 Breakfast Club :15 Don McNell :30 John Desmond :45 Aunt Fanny	Bob Reed	Art Brown Evans, News: B'wn	Yon're the Top Elinor Lee	prime mover in the airport de- velopment. The city council re-
11. 11. 11. 11. 11. 11. 11. 11. 11. 11.		Garry Moore Strike It Rich	10:00 My True Story: 15/8tory: Streets:30 Whispering Sts:45/A Girl Marries	Double or Nothing	Evans. News: Ford	Jeanette Davis Marion Mariowe	cognized his efforts by sub- titling the airport Amon Carter
2 2 3 3 3 4 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5	lt- ish	Love of Life Search for Tom'row Gulding Light	1 1:00 Sherman :15 Butler :30 News; Sherman :45 Butler	Phrase That Pays Bob Hope	Fair; Evans, News Queen for a Day Queen for a Day	Arthur Godfrey Grand Slam Rosemary	Dallas won't take part in the opening ceremonies at Greater
Signature State	0 W	Allan Jefferys Allan Jefferys Allan Jefferys	Z:15 Crane: Crocker :30 Back to the Bible	Nancy Osgood Nancy Osgood Here's Archer	Hazel Markel	Annt Jonny Helon Trons Our Gal Sunday	busy with plans to expand its own operation at Love Field—
c andience partic.) Eadle Allovariety) Eadle Allovariety Easeball	ne n's	House Party. House Party	:15 What's Rush? :30 Turn to. 2 :45 Friend	Here's Archer Here's Archer Here's Archer	Dugont; Baseball Baseball	Ma Perkins Young Dr. Malone Gulding Light	the Nation. Last year, for the first time since Dallas acquired
The February Show Start From Based Start Show Start From Based Start Show Show Show Show Show Show Show Show	nce	(andlence partic.) Eddle_Albert	:80 News; Harold's :45 House; Crocker	Dave Garroway Kukla. Fran, Oille	Bascball Bascball	Jerry Mason Nora Drake Brighter Day	small profit. Airport manager George P.
Western Variety The Fund ample the Plek Tink Pown The Early Show T	100	Ranch Between	30 News; Phil :45 Wils'n; Crocker	Road of Life Pepper Young Right to Happiness	Baseball News: Ford Milton Q. Ford	House Party House Party	Coker jr., is especially proud of the \$3.744.65 black ink entry, be-
Table to Composite	er al'' ith ook	Pick Temple Plek Temple	15 Jerry Strong 130 News: Strong 145 Jerry Strong	Stella Dallas Widder Brown Woman in House	Willis Conover News: 1260 Club	(music) (philosophy)	financial "gimmicks." "We met payments on both
Mark Evans Show Mark Evans	ter	"Train to Tombstone" (film); Weather	: 30!Sherman	Front Page Forum	(drama)	Gallaher Matinee Gallaher Matinee	as well as all services," he said. In a heated municipal election
Section Detective Boston Blackle Signification Silver Eagle 350 Silver Eagl	ow ow	Mark Evans Show Mark Evans Show News, Edwards	5:15 Gibbons: Butler :30 Sherman Butler :45 Sherman Butler	Earl Godwin Bergman; News 3 Star News	1260 Club News: Melody Best in Bands	Curt Massey News: McDonald	each other over a \$12,500,000 air- port bond issue. Neither side
Crime Syndleated (drams) Suspense 100 (drams) Suspense Suspense 100 (drams) Suspense Suspense Suspense 100 (drams) Suspense Su	use. Wn	Boston Blackle	:15 Elmer Davis :30 Silver Eagle :45 Eagle: News	(Mishel Plastro) News: Beatty One Man's Family	Band: Berger Gabriel Heatter Newsreel: Moody	Junior Miss Jo: Stafford Edward R. Murrow	Worth. Those for the bonds advertised "why bail Fort Worth
Danger News: Arc'nd Town My Friend Irma Donger Danger News: Mossey Danger Dr. Danfield World Tonisht News: Spoot Massey News: Spoot Massey Moondial Eddle Gallaher Mostan Beatty Danger Dr. Danfield World Tonisht News: Spoot Massey Moondial Eddle Gallaher Musio 'Til Dawn Musio 'Til Dawn News News News News News News News News	m) ore	Suspense (drama)	# :IS Sh'rman Bntler	Red Skelton Red Skelton	Fred Firke Show News: 1200 Club Willis Conover	Mr. & Mrs. North Mr. & Mrs. North	out?" Those opposed wanted to sell Love Field and build a third airport.
Feature Film Featu	ore	Danger My Favorite Story My Favorite Story	30 (America's 15 Town Meeting 30 (America) 45 E. D. Canham	Martin & Lewis Martin & Lewis Fibber McGee and Molly (comedy)	Willis Conover News; Aro'nd Town Here's to Vets	My Friend Irma	The two cities now emphasize cooperation in most projects.
News: Sports The Late Show 'Motor Patrol.' (film) (f	sb ssy	Feature Film Feature Film Feature Film Feature Film	1 00 News of To'row :15 Frank & Jack :30 News; Frank & :45 Jack Varlety	Two for the Money Two for the Money News: Punsters	Home Rule News: Massey	Dorls Day Danger	over from the 1930's when airports in each city were big
:30/The Starduster Palladlum Orchest. 13500 Massey News West William News		The Late Show 'Motor	:30 Watchman	Hour of Dreams Lee Dayton	\$500 Massey News: \$500 Massey	News; Sports Moondial Eddle Gallaher	
		· (film)	;15 (music) ;30 The Starduster	Stars in Jazz Palladlum Orchest.	News: 8500 Massey \$500 Massey	1 News	■ 1. The state of the state

FM STATIONS
1CFM (Channel 230—98.0 mc.)—5:30 a. m. to 1 a.
1CFFM (Channel 242—96.3 mc.)—5:30 a. m. to 2 a.
1CZ-FM (Channel 244—96.7 mc.)—3 p. m. to 9 p.
1CH-FM (Channel 252—98.7 mc.)—5 p. m. to 1 a. m.
1CFM (Channel 252—98.7 mc.)—5 p. m. to 1 a. m.
1CFM (Channel 258—99.5 mo.)—5 p. m. to 1 p. m.

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286-105.1 mc.)-5:30 a. m. to 2 a. m.
292-106.3 mc.)-6 a. m. to 9 p. m.
297-107.3 mc.)-8 a. m. to 12:30 p. m. Programs printed here conform to information furnished by stations at time of publication

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Communications Commission.

Public tests of three-dimen-|Broadcasting-Paramount Theasional television were author-ters, Inc., recently formed ized yesterday by the Federal through a merger of the Ameri-The FFC granted the permit can Broadcasting Company and for experiments to American Paramount's motion picture house interests.

The company proposes to use ts Los Angeles television outlet, KECA-TV, to broadcast the the 3-D movies, three-dimension TV will require the wearing of polarized-light glasses to produce the third-dimensional effect.

In television, the picture to

In television, the picture transmission involves throwing the image on the front of the viewing tube from right and left in rapid sequence. On the ordinary TV receiver, this will simply produce a blurred picture.

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Are Elaborate Unperformed Ives Symphony By John Kay Adams By Paul Hume (From Yesterday's Late Edition) FORT WORTH, Tex., M.

An event of great importance year's Festival than Bales made

Back in the day of the horse and excitement marked the first with the Ives. His orchestra it was a hard day's ride between concert of the Tenth Annual played sumptuously. We cannot Fort Worth and Dalias. now American Music Festival which now speak in more detail of his opened last night in the Na-tional Gallery. work, but the festival weeks ahead will give us sufficient they're getting crowded for sky tional Gallery.

Richard Bales conducted the time for that.

The rival neighbor cities have enlarged gallery orchestra in laid out multi-million dollar the first performance of the airports so close together their First Symphony of Charles Ives. We do not recall any event in traffic patterns nearly overlap. the ten years Bales is now cele-The newer and, for the prebrating at the Gallery to match sent, the grander of the two the stature and fulfillment of is greater Fort Worth Inter- this music. The dramatic fact of this sym-

national Airport. This 25 million phony is that it has waited the dollar field between the two cities opens for business Sunday (April 26).

Less than 13 air miles away shape to the conductors of this dollar field between the two Less than 13 air miles away country that this is a fact. And is Love Field. the \$12.500,000 it is to the highest possible money-making Dallas operation. degree praiseworthy of Bales Dallas voters have approved bonds to dougle their investthat he brought out the music and gave it a reading that was constantly alert, powerful, beau-The Fort Worth terminal is the latest word in airport eftiful in mood, and of vast

interest.
Ives, 1947 Pulitzer Prize Winficiency planning. Its glassed-in terraced dining room offers a ner in music, is known here, view of double-deck loading also through Bales' effort, for his terraced dining room offers a third symphony. That work is ramps built to handle 17 fourclearly American in texture and in actual melodic content. The "I've been in most airports in First is not so. It is in the late the United States, and this is nineteenth century romantic tradition. said Loyd L. Turner, special assistant to the division manager

Its principal influence, or rather, resemblance, is to Mahler with Wagnerian touches.

Corp. Turner is in charge of The first movement is free in arrangements for the airport arrangements for the airport opening ceremonies this week.

Executive director Maury H. Huffman traveled the world over seeking ideas for the Fort Worth terminal. Domestic airport planners and the governments of Australia and Mexico ments of Australia and Mexico have asked to see his blueprints. its fugal close is a bit tedious ginning, and turns to a fine trio: Fort Worth has a unique leasbut there are ways of helping ing arrangement to keep the it along. The finale again as taxpayers happy. A financial Who's Who of Fort Worth oilserts the power and original ideas of the work, and introduces men, merchants and bankers has leased the field for 36 years. in a startling series of brass exclamations the only violent They aim to lick problems that dissonance, as a taste of the have made municipal airports experimental Ives budding. This symphony is now dis-The president of Fort Worth

cernible as a work of the turn of the century. Had it been played when new it would have been hailed, or assailed, as too awful to mention. It is no such thing, and would be a vast and welcome change from the symphonies of Mendelssohn, Schumann, and Dvorak which we as Americans have been privileged opening ceremonies at Greater to memorize osmotically during the years that this work has lain busy with plans to expand its neglected on some dusty shelf It would be hard to imagine a

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eee Rich, thick, juicy roast beef, done to an Englishman's taste; chestnut-plank, char-coal-brolled steaks for one, two or four (the pride of the house); filet mignon; Lobster Newburg; delicious red snap-per; swordfish steak; Blue Point Oysters; rich, meaty shrimp and crab.

You'll find more than even the most eager appetite could anticipate, when you scan these 40-and-more food thoughts that headline one of world's most famous menus.

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THE WASHINGTON POST Tuesday, April 28, 1953

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WTOP AM

4:55 P. M. Robert Q. Lewis

with quips, quotes and comments on news of the



8:00 P. M. People Are Funny

Art Linkletter's free-forall of fun and surprises.



9:30 P. M. My Friend irma

becomes a yogi . . . but her friends suffer the drastic consequences.



10:15 P. P. Doris

Day with a tuneful fifteen minutes of musical fa-