

INDOOR RADIO VISION TESTED

Scenes Flashed on Six-foot Screen in Theaters Held a Possibility.

PHENIX, TADY (AP)—Television of tomorrow—outdoor scenes flashed upon a six-foot screen in a theater—held a possibility in the experiments are under way here which it has been possible to use, without artificial lighting, events transpiring in the open reproducing in a nearby laboratory radio pictures of traffic going over a bridge in addition to the scenes.

In development of the process which may considerably extend the scope of television, even the possibility of glimpses of a ball or a football game via transmission, was indicated in the projection upon a screen of a scene in a local theater taking place in a studio.

While only head and shoulder of the images could be seen, there was no contradiction of the fact that entire scenes could be transmitted.

The theater demonstration gave the public an insight into the process that has been made by Dr. P. W. Alexanderson, pioneer television research engineer of the General Electric Co. staff, in his efforts to overcome the obstacles of practical vision by radio. The evening included the playing of an orchestra in the theater under the baton of its leader, standing some distance from the stage, whose image was projected upon the screen.

It was made possible through the development of a light source, the combination receiver-transmitter which permitted the showing of lights and shadows with considerable detail despite the fact that the picture was life size, Dr. Alexanderson explained.

Dr. Alexanderson does not feel that ultimate television will be restricted to mere heads and shoulders, with his laboratory work cited as an example of what the future may bring.

He has designed an outdoor television whose photo-electric eye would look over anything within its range and reproduce with considerable fidelity what was taking place.

While this instrument is considerably in the experimental stage, the engineer has used it in the transmission for reproduction upon a large screen views of the Great Western Gateway bridge spanning the Mohawk river near the laboratory, showing plainly the movement of vehicular traffic. Other pictures have included scenes visible from the laboratory windows. The daylight pickup device in outward appearance resembles a large studio photograph camera.

Compared with "Ancestor" television today is in the same state as radio telephony in 1915. Dr. Alexanderson said, "We may derive some comfort from the experience of the past, but on the other hand we are not sure that the analogy is justifiable and that television will repeat the history of radio telephony."

The projection of a six-foot picture has been another milestone in the progress of which he has been an important factor. Three years ago Dr. Alexanderson produced a picture only three inches square. Last fall it had grown to 14 inches square, and now it has taken a considerable leap in size.

The original idea for his invention came in a dream while he was in solitary confinement, King said. He worked for five years on plans. After Maj. Harry C. Hill became warden of the state penitentiary, King was permitted the use of the prison work shop to complete a model.

His discovery is a multiple propeller designed to utilize every ounce of horsepower, giving 90 per cent efficiency instead of 40 per cent as in the present types. There are four blades, each connected separately to a hollow central shaft. As the outer shaft revolves, the blades move back and forth along the length of the shaft.

At maximum speed each blade will make 1,000 trips in a minute, feathering automatically in the direction of the flight and changing to the proper drawing pitch at the point of maximum pull.

Maj. Hill said King has refused several offers for his invention, insisting the price be his freedom. He has been in prison 15 years and has 15 years more to serve on the present term, his fourth. Psychologists say he has a "criminal record."

Convict Demands His Freedom For New Invention

JOLIE, Ill. (AP)—John King, an aged convict, inventor of an airplane propeller of revolutionary design, has refused all monetary offers, insisting that when society releases him from prison, it will receive the benefits of his discovery.

Though King has been incarcerated for 15 years and has never seen a modern airplane, the United States navy, Henry Ford and the Guggenheim Foundation have communicated with him about the propeller.

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Whether the latest recruit to join in broadcasting for smokers means that there has been intensification in the cigarette, once referred to as a "cigarette" on the radio, there is no gaining the fact that such activity is not of a minor quality.

Starting on Wednesday night, the time picked by the latest broadcaster, there now can be turned in five hours of cigarette music. Each program is for an hour, one sponsor setting up three of them, two broadcasts via the WJZ network on Thursday night, each to a different chain of stations, and another over the WEAP hookup on Saturday. The fifth hour is by a third sponsor on the WEAP group Friday night.

Did you know—That Ralph Freese is an an-

FIVE CIGARET MUSIC HOURS ON THE RADIO

Co-Ed Queen

Mrs. May E. Renland

Mrs. May E. Renland had suffered with indigestion for years, my circulation was poor, there were nearly always severe pains in the region of my gall bladder. Sick headaches nearly ran me. A slow-acting liver kept me constantly constipated and I became nervous and almost a physical wreck. By the time I finished the fourth bottle of Sargol I felt like a well woman. Every sign of indigestion is gone. I eat anything I want, my gall bladder doesn't trouble me, my circulation is good and my nerves are in fine shape. I sleep wonderfully and am fast gaining weight, strength and vitality. I am convinced that Sargol saved my life.

"Sargol Pills stimulated my liver and relieved me entirely of biliousness and constipation."—Mrs. May E. Renland, 2811 Landoka St., Spokane. Red Cross Drug store, agent.—Adv.

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Mary Coleman, of Springfield, Ill., was chosen queen of the University of Wisconsin military ball. She is a junior in the university.

HIGHEST AUTO ROAD SCALES MT. EVANS TO DIZZY HEIGHT



The highest auto highway in North America will scale Mt. Evans, near Denver, when completed this summer. A panoramic view from the summit, where man is standing, is shown above.

nonneur at KOA, that a lad named Teeborg is soloist with the High School boys' band at Laramie, Wyo., and that the two met for the first time when the band played over the Denver station?

That Vee Lawnhurst, NBC and CBS pianist and vocalist, never took a music lesson?

That most of radio's bass fiddlers must also be qualified to play the tuba, the "cello" brother in the horn class?

That Freddie Rich does not carry a watch and is never late for the 16 rehearsals and programs calling for his orchestra.

That Hugo Mariani has an almost noiseless violin for use in practicing?

YIERA, Cal., June 6 (AP)—Injuries received in a fall from a Southern Pacific train near Hill last week, proved fatal last night to Mrs. S. E. Garrison of Gaston, Ore. Members of the crew of the Shasta Limited found her unconscious beside the tracks Sunday morning. She was en route to San Francisco. A son, Ervin J. Garrison, of Toran, and a daughter, Mrs. C. H. Nielsen, of Sacramento, survive.

Discovery of Copper, gold and silver in the Cassiar district in Northern British Columbia, resulted in a rush of prospectors to the district.

GUARANTEED BY

LIPTON'S TEA

Call for ICED TEA at the "19th Hole"

No other drink so refreshes and invigorates as LIPTON'S, the ideal "pick-up" drink.

TEA MERCHANT BY APPOINTMENT TO

LARGEST SALE IN THE WORLD

Go to the Cooking School and see how all the dry ingredients go into the sifter together

—and see for yourself what an even, and tempting cake this short-cut makes!

Use Ghirardelli's Ground Chocolate and you can omit three steps—(1) grating, (2) melting, (3) extra mixing—and still have a better cake. Use Ghirardelli's for every chocolate purpose—beverage, baking, icings, puddings, desserts, candies, sauces and sundaes.

GHIRARDELLI'S Ground CHOCOLATE

Say "Gear-ar-delly"

You will receive this clever packet of recipes... free, of course... at the Cooking School. It's called "Sweet Sixteen Recipe Packet No. 2"... a collection of prize-winning chocolate recipes.

Clark Wood Says

Baseball is now pulled off at night under electric lights and everybody—except the umpire—is able to see the plays pretty well.

"There's Cash in Catchers"—which headline refers to baseball. But there's also cash in any catcher who catches the cash.

"Woman Sentenced for Shooting Mate." And although she didn't miss him before, it may be different now.

The 300 San Quentin convicts who are studying aviation would no doubt like a chance for practice on long flights.

The oldest promissory note in

the world, recently discovered, has created, as a matter of course, considerable interest.

Personally we feel that large campaign expenditures which go for advertising and printing are (also) legitimate.

Congressmen are still "pegging away" at Washington. They're pitching horseshoes.

If it knew that our earthworms had named it Pluto the new planet would probably raise—well, whatever it is that Pluto raises.

A Paris hotel has airplanes for hire. However, tipping might become unpopular in connection with this service.

The fur industry has shown a rapid growth in Texas during the last few years. According to Senator Thomason the state produces more pelts than any other except Louisiana.

A GEM OF RECONCILIATION

Fresh Home-made Candy Daily

Accomplished! A "fountain lunch" that meets all comers; that runs the gamut of hot and cold drinks; serves sandwiches that are both dainty and substantial; changes menus daily.

PETER PAN

GOLDEN GLOW CREAMERY

220 Fir Street

Special Friday, Saturday Prices

BUTTER 33c

Creamed Cottage Cheese 15c a Pint

ICE CREAM QTS. 35c

QUALITY GUARANTEED

La Grande's Retail Creamery

DRIP COFFEE EVERY DAY

Yes, Sir! the method that makes your coffee uniform 365 days in the year. Simplified, effective, economical, the Golden West Coffee Maker is now at your grocer's. The price, complete, is \$1, and regular Golden West is the ideal coffee for best results.

Golden West Coffee & Maker

Just Pour in BOILING Water

SEE OUR COMPLETE LINE OF

Luggage

Billfolds

Purses

Diary Books

Trip Books

Gift Sets

Writing Sets

Card Sets

PRICES REASONABLE

GRACE Harness Shop

IS CONVINCED THAT IT SAVED HER LIFE

MRS. MAY E. RENLAND

Mrs. May E. Renland had suffered with indigestion for years, my circulation was poor, there were nearly always severe pains in the region of my gall bladder. Sick headaches nearly ran me. A slow-acting liver kept me constantly constipated and I became nervous and almost a physical wreck. By the time I finished the fourth bottle of Sargol I felt like a well woman. Every sign of indigestion is gone. I eat anything I want, my gall bladder doesn't trouble me, my circulation is good and my nerves are in fine shape. I sleep wonderfully and am fast gaining weight, strength and vitality. I am convinced that Sargol saved my life.

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The Quick Dessert--

Universally liked, rich, wholesome—so easily served!

Whether in Brick or Bulk—

DUTCH MAID ICE CREAM

Tops Off Any Menu to Perfection

Suggested at the Cooking School as a quick, always delicious dessert, Dutch Maid Ice Cream solves many menu problems during the coming months. It is already preferred in hundreds of homes where the extra smoothness, the rich flavor of Dutch Maid Ice Cream is appreciated.

FOLLOW MRS. MCLEAN'S ADVICE ON FOODS

You'll want to try her recipes and copy her methods—and time saving by utilizing quick desserts, by serving Butternut Bread and Pastries is one way to greater economy and efficiency. Visit us—you'll be more than pleased with the delightful foods fresh here every day.

Dutch Maid Ice Cream

Absolutely Pure

Butternut Bread And Pastries

Fresh Every Day

McWilliams DUTCH SHOPS

Individual Ice Cream Molds for Special Occasions