Audiences of 50,000,000 Soon

Engineers Foresee Amplifiers Bearing President's Voice to Entire Nation.

IN ITS INFANCY, THEY SAY

Current From Arlington Was Multiplied 3,000,000,000,000,000,000,000,-000,000 Times-Rival of "Canned Music."

New York,-President Harding, who set a record for long-distance oratory on Armistice day by addressing ers of allied warships were able to losimultaneously three great throngs of more than 100,000 persons, gathered at Arilington National cemetery, San GET STONE FOR HERO'S TOMS Francisco and New York, may easily find himself talking to an audience running high into the millions and scattered through every state in the Union, before he leaves the White House.

Indeed, says R. W. King, one of the American Telephone and Telegraph company engineers, whose work on the loud-speaking device made possible the ushering in of a new epoch in space annihilation at the ceremonies over the bier of America's unknown Rising from this will be the columns of marble, soldler, it is well within the range of possibility that President Harding may see the day when a President can sit at ease in the White House and talk at once to every city, town and hamlet in the United States that is tapped by telephone wires. An audience of 50,000,000 perhaps! Or 100,000,000!

They don't even blink at figures like that-these telephone company engineers. For ability to look, unabashed, into the faces of a column of ciphers, marching in threes across great open white spaces, is one of the prerequisites even to thinking about that marvelous contrivance, the electrical amplifier, of which the loud-speaking device is only one in a long list of practical applications.

Sees Nation as Audience.

For instance, the electrical current that carried President Harding's funeral oration to the crowds at Arlington, San Francisco and New York was 3,000,000,000,000,000,000, multiplied 000,000,000 times before it rolled out, converted into great sonorous sound waves, over the heads of three audi-

It took 3,000,000,000,000,000 amplifications to convey the oration and the other ceremonies to San Francisco so that they could have been heard through an ordinary telephone receiver. Then they had to be amplified a million million times by the loud- her steps, confident that once here speaking device.

000,000,000,000-of amplifications were necessary to bring the ceremonies out clear and strong in New York. Ten thousand were used to bring the ceremoines here, and a million million to raise them to audibility for the New York audience. The other million million amplifications were used to carry the President's voice to the Arlington

By providing a few more scores of thousands of miles of wire, some thousands of loud-speaking devices and a few foolscap sheets filled with tiny ly for the \$5 room, where it used to ciphers indicating more amplifications, the entire country might hear future public ceremonies, Mr. King said.

It would be relatively simple, he declared, to set up equipment in the capitals of the 48 states through which 150,000 persons in each city—a total of 7,200,000-could hear a ceremony in Washington or elsewhere as distinctly as if they were seated within a few yards of the speaker.

A Rival of "Canned" Music.

'Canned" music, too, faces a potential rival in the loud speaker. Telephone engineers say the Armistice day experiment proved that music could be reproduced over the wire circuits at least as purely as it is reproduced on the best phonograph records and that it will be a matter of but a few years when the last vestige of metallic ring will be eliminated.

Mr. King believes it will be but a short time, too, until all the principal public halls and large university auditoriums are equipped at least with local loud speakers. These, he pointed out, could easily be switched on longdistance circuits carrying public addresses and similar events from other

While the loud-speaking device is a development of the last two years, the amplifier which made it posible has been in widespread use, piling up ciphers unseen on every long-distance telephone line in the country, since the

Lays Two Eggs Daily: One Just Shames Her

New York.-Wilton Green of Union Brick, N. J., near Belvidere, has a Plymouth Rock hen which, he says, lays two eggs a day, most days.

When she produces only a single egg she is so ashamed of her performance that she doesn't

cackle, Green says. Green says she has maintained the two-a-day speed since last

spring, with few holidays. The eggs, according to Green, are brown, well formed and of normal size.

transcontinental circuits were opened in 1915. A long-distance call from New York to San Francisco involves 400,-000,000,000,000 amplifications. The number of amplifications necessary between any two points depends not only upon the distance but upon the nature of the circuit.

But the principle of the amplifier is not limited to telephonic use. It is a fundamental of radio and wire telegraphy, of radio telephoning, of all longdistance electrical signaling. It was the amplifier that picked up during the war the water vibrations caused by enemy submarines and translated them into sounds by which commandcate the hidden foe.

Canadians Pave Memorial Chamber With Marble From Battle Fields.

Ottawa, Can.-Stones gathered from every Canadian battle field in France and Belgium will pave the memorial St. Anne's marble, also from Belgium. chamber in which Canada's unknown soldier is to be entombed. Around Savonniere stone, from France. In the walls of the chamber will be a base | the chamber will be the altar of Great of black marble, the gift of Belgium. Britain carved from a solid block of

Between the columns will be walls of

Jobless Girls Storm New York

Lack of Work Fails to Retard Country Lass Seeking City Career.

SITUATION REALLY SERIOUS

Employment Bureaus Crowded With Women Who Have Been Thrown Out of Employment-War Work Brought Unrest.

New York.-The seriousness of the memployment situation among women has apparently no terrors for the girl from upstate, the Middle West or the South, says Miss Amy Talbot of the Central Branch Y. W. C. A., according to the New York Sun. New York is the mecca toward which she turns there will be jobs without number A mere ten-million billions-10,000,- waiting her acceptance. Miss Talbot, who is head of the Rooms Registry Service, has noted little decrease in the number of applications for rooms received from out-of-town women seeking careers in the big city.

> "As far as I have been able to discover," says Miss Talbot, "girls are not concerned with these reports of unemployment. Jobs seem of little importance compared with the fact that the young adventurer has reached New York. There is one difference. I find that now the demand is almost entirebe that rooms were sought not so much for economy as for convenient locations.

Situation Is Serious

"The situation is rapidly assuming serious proportions. Women, old and young, are now being laid off by firms which have employed them for long periods. Our employment bureaus are crowded with women who have been thrown out of employment, and yet their livelihood. Not an hour ago I hands. talked with a girl who had just come in from upstate. Nothing I said in quired a marked distaste for staying explanation of the seriousness of this at home, where they may lead a norproblem that is confronting so many mal life. They find they must be up of our men and women today had any wanted to come to New York; she lities. The question is, 'Where are the

did not see why she should not find another one now. The idea that good positions are not floating around to be secured at will had evidently not entered her mind.

"We have daily to send back refusals to out-of-town applicants who would like to find rooming quarters in one of the Young Women's Christian association boarding houses. The waiting lists show there will be no vacancies for months. The pitiful part of it is that we have so many older women who are desperately in need of a place to stay, let alone the question of work to do. More and more women well past the thirty-year mark are being forced out by the stress of the times to earn their own bread and butter. They stand little chance of being met even half waythe competition is too strong for them, with these eager intelligent young line in an employment office and see how many of the women on it are gray-haired. There are few boarding houses and business women's clubs which will admit a woman to resident membership without considering her age most carefully. In many of these places thirty years marks the age limit. The reason that is given for this preference is that since there are not accommodations for all, it is felt that the younger woman is more in need of the protection afforded by

these clubs. War Work Brought Unrest.

"Undoubtedly, the wanderlust which brings the younger women from the security of their homes here to combat an almost hopeless situation is a phase of the unrest which followed hard upon the heels of the war. So many of our girls who until that time were content to stay quietly at home jumped into all the hundred and one activities that suddenly required the services of women. They found themselves necessary in a way they had every train that comes into our never before dreamed of. They swung terminals brings its quota of new- big jobs, small jobs, middle-sized jobs, comers—all of whom expect to be sup- with an efficiency that amazed them. plied with some means of earning Now they are not content to fold their

"The younger generation has acand doing and in their minds New effect upon her. She has always York is the only place for their activhad always had a good job, and she jobs for them?"

Captains of the Fencing Teams



Col. Ronald Campbell and Maj. F. W. Honeycutt, captains of the British and American teams now competing in Washington.

COBLENZ TRAFFIC COP



Among the peaceful pursuits of the American soldiers in the army of occupation in Germany is that of directing traffic in Coblenz. This doughboy looks capable of handling the job.

NEWS OF STATE TERSELY TOLD

Recent Happenings in Nebraska the death of Charles Famin Given in Brief Items For Busy Readers.

An epidemic of brain fever pneumonia is taking a heavy toll in the Scotla bottoms, southeast of Union.

All Omaha railroads have put into effect a reduced freight rate on shipments of livestock, gain an' farm pro-

duce going in car load lots. The Verdon State bank and the Farmers State bank of Verdon have consolidated and will bereafter be known as the Verdon State bank.

Chester may get its electric "julce" from the Deshler plant. A group of business men from that place inspected the Deshler powerhouse with a view to recommending a transmission

The Curtiss airplane and its hangar was destroyed by fire. While starting the ship inside the hangar it back-fired and immediately became a mass of

At a special session the Fremont city council ordered the purchase of the plant and business of the Independent Electric Light company, owned by the Doberty interests. The city is to pay

Nine big coyotes, two of them weighwere shot in a round-up staged by Oxford post No. 219 of the American Legion, in which about five hundred men took part.

Grain, hay, forage and beet proless than in 1920, according to the final crop summary issued by the state and federal bureau of markets and crop also are included. estimates.

Ray Lower, former cashier of the Valpariaso state bank, was sentenced to serve from one to seven years in tion in district court on a charge of embrezzlement.

Raymond Kochrow of Alexandria was awarded the \$75 scholarship offered by the Union Pacific in the state agricultural college. Railroad fare also is included. He took first place in boys' club work.

Negotiations have been completed whereby the First National bank of Seward, the oldest bank in the town, will be absorbed by the Farmers' State bank. The name of the First National will be retained.

Farmers in Custer County are having trouble paying their taxes this left to serve it on the eleven men. year on account of the low price of corn and other farm crops, more taxes are delinquent this year than has ever been know in Custer county.

Bill Harris, negro, was taken into minds ready to snatch up every good custody by sheriff C. E. Clark of Centhing that comes along. 'Watch any trail City after confessing to the murder of his wife, twelty years ago in Texas. The confession was prompted | by a visit from his daughter, with whom he quarreled, she threatening to expose him.

Misinterpretation of orders is said to have been responsible for the collision of the northbound Northwestern passenger with a southbound extra freight in the Wahoo yards. Both engine crews jumped and escaped with bruises. Passengers received a severe shaking, but no one was injured.

The Lincoln crib of the Corn Eaters of America, pledged to eat corn in some form once a day during the year, was organized at Lincoln at a banquet of 500 representatives from many Nebraska Chambers of Commerce and from large cities along the Missouri river. The dinner was made up exclu- tion. sively of corn dishes. It is planned to spread the organization through the federal appropriation for the 1922 corn belt at once and make it a national organization. The object is to increase the demand for corn and help word received by the state department

over 200 exhibits.

Robbers who broke into the Wondra order to foll tracking by bloodhounds, iness failures at Lincoln in 1921.

According to the report just made by the State Department of Agriculture of the North Platte valley for sugar in regard to the sanitary condition of beets amount to \$850,000 and the entire the packing plants in Nebraska the payment this year to nearly \$5,000,000, report states sleeping quarters in the according to figures from the various Nebraska City and Omaha plants are Nebraska factory districts. This entirely separate from the rooms month the Scottsbluff factory made a where killing, cooling and curring are final payment of \$267,493, the Gering carried on, the report said. No viola- factory, \$223,458; the Bayard factory, tions of the sanitation laws were \$213.940, and the Mitchell factory,

William Ferguson, stock raiser of The enrollment at the night voca-Scribner, reported to the Dodge county | tional school which will open at North officials that 11 head of purebred sows Platte, numbered about sixty the first had been stolen from his ranch. He day and registrations are still being values the missing stock at \$1,100.

Donald, shot twice in the left leg in a from prewar conditions than ever hegun battle with yeggmen in Omaha, fore in history. The state board of will be immediately appointed to the control announced that all three instiposition of captain, Police Commis- tutions maintained by the state for the sioner Henry W. Dunn announced. A insane are carrying "peak loads," fund, subscribed to generausly by sev- which means they are housing more ineral business and professional men for mates than at any previous time. The the injured officer, has now surpassed total insane cared for by the state the \$600 mark.

Work will start soon at Pawnee City on seventeen blocks of new paving. The Nebraska League of Municipal-

ities will hold its annual meeting in Omaha January 23-25. Charles E. Black has been installed as postmaster in Omaha, succeeding

Harry Daniel, acting postmaster since By wireless, Omaha recently listened to and heard a speech delivered in Boston by R. W. Babson, former statistician for the United States. He

predicted an improvement in all lines of business. Rev. Chester Wood of Lansing, Mich., who has accepted the rectorship of the Episcopal church at Central City, for a number of years was pastor of the

Little Church Around the Corner in

New York City. While hunting southwest of Barneston, George Gutbrod, 18, of Barneston, was accidentally shot in the right arm by Floy James of Beatrice. He was taken to a Beatrice hospital. It is believed he will recover.

According to figures compiled by the Nebraska state department of agriculture in the agricultural census, a larger proportion of farms are operated belonging to Rector Sear of Ogallala. by owners in Pawnee county than in any other county in this section.

Twenty-six of the neighbors of John Nicholson, who resides near Callaway, gathered at his farm and busked out his entire corn crop of over a thousand bushels. Mr. Nicholson has been very iii with pneumonia for the past month.

Endicott wants a new \$10,000 church and subscription petitions are in circulation to raise the funds. While this will be under the supervision of the ing more than sixty pounds aplece, Methodist denomination the edifice will be used as a community meeting center.

A community house, which will contain a library, auditorium and women's rest room, is being planned by the duction in Nebraska during 1921 was Elmwood legion post and members are securing pledges. Shower rooms, a kitchen and moving picture outfit

A court of domestic relations before which cases concerning relations between man and wife and children will be decided, was established by order of the penitentiary following his convic- Douglas county district judges at their annual meeting. The court is the first of its kind in Omnha.

One of every four families in Buffalo county is the owner of a jitney, truck or motorcycle, according to County Treasurer Stevenson. During the past year he issued over 5,000 car licenses, with a couple of cycle permits thrown in for good measure.

District Judge Munger, in federal court, issued an order finding eleven Nebraska City plant employes now on strike, in contempt of court. A citation was placed in the hands of Deputy United States Marshal McClung, who

Julius Engikelmeier of near Manley attempted to thaw out his acetylene tank and used a hot iron with the result that his left arm and several bones in the left hand are broken, left shoulder dislocated and his face bruised and burned, besides other

10,724, applied for work during 1921 at the federal and state free employment office at Lincoln, according to the annual report of C. C. Becker, manager. Of these, 6,021 men and 536 women were given employment.

Gevernor McKelvie will resist all efforts to have him call off his extra session and legislature will meet on January 24. "Persons just as well ask the question, 'Will the sun rise?' as to ask whether there will be an extra session of the legislature," the governor is quoted as having declared at the state house. The governor is emphatic in his assertion that the extra session will save the people \$2,500,000 if it follows the program of retrenchment and tax raising cut out for its considera-Nebraska's share of the \$75,000,000

fiscal year road building campaign will amount to \$1,581,169.50, according to of public works from the agriculture C. J. Brush of Auburn won the grand department. The state may use as sweepstakes ribbon for the best ten much of this money as it is able to ears of white torn at the annual corn match. If the state fails to raise a show held in connection with organized like amount within the biennium endagriculture, under the auspices of the ing January 1, 1924, the remainder of Nebraska Crop Growers' association at her share goes elsewhere. All the Lincoln. Don Forbes of Dakota City government money passed on to Netook three sweepstakes prizes, the braska under an old appropriation has grand champion ten ears of corn, best not been used. The last legislature apten ears of yellow corn and the grand propriated approximately \$2,133,000 to champion single ear. Will Longeran match Nebraska's share of the federal of Florence, placed first in two va- appropriation. The federal aid moverieties, best ten ears Flint corn and ment for state highways was born in best ten ears of pop corn. There were 1917 and since that time Nebraska has received \$5,868,761.66.

The Lanchester district court judge market at Petersburg and stole about decided to call a special grand jury \$100 in each used a large amount of for January 26 to investigate fraudupepper which they put on the floor in lent stock promotion schemes and bus-

The December payments to farmers \$137,158.

made.

Acting Police Captain James Me- Nebraska insane asylums are further during December numbered 2,890.

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Two by Two.

It was Sunday morning and the car was crowded with persons on their way to church.

At one stop, an elderly man with a beard got on. A three-year-old piped up shrilly, and pointed to him excitedly. The father's face flushed, but he succeeded in quieting his young daughter. Two blocks further on another man, wearing a beard, got on. This time all the passengers around caught the words of the tot, and this is what she said: "Oh, look, father, there's another man with a tail on his

If You Need a Medicine You Should Have the Best

Have you ever stopped to reason why it is that so many products that are extensively advertised, all at once drop out of sight and are soon forgotten? The reason is plain-the article did not fulfill the promises of the manufacturer. This Jobless men and women, totaling applies more particularly to a medicine. A medicinal preparation that has real curative value almost sells itself, as like an endless chain system the remedy is recommended by those who have benefited, to those who are in need of it. A prominent druggist says "Take for example Dr. Kilmer's Swamp-Root, a preparation I have sold for many years and never hesitate to recommend, almost every case it shows excellent results, as many of my customers testify. No other kidney remedy has so large a

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become healthy women? A healthy state of the system comes with Dr. Pierce's Favorite Prescription. It's a medicine prepared for women's ailments. Get it now in either tablets or liquid from your neighborhood druggist, and write Dr. Pierce, Invalids' Hotel, Buffalo N. Y., for free medical advice.



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