WIRELESS CARRIES **VOICE 2500 MILES**

Radio Phone Proven Success by U. S. Navy Department.

FIRST EXPERIMENT SPANS CONTINENT

Conversation Is Carried On Between Washington, D, C., and Naval Station at Mare Island.

Washington, D. C. - Wireless telephone communication across the continent was accomplished for the first time Thursday, when experiments extending over several months culmi-nated in successful transmissions of the human voice by radio from the great naval plant at Arlington, Va., to the station at Mare Island, Cal., 2500 miles away 2500 miles away.

The experiments were conducted un-der direction of Captain Bullard, chief of the navy's radio service, in co-operation with the American Telephone & Electric company and the Western Electric company. Secretary Daniels, in announcing

the report, predicted that further de-velopment of wireless telephony would make great changes in long distance communication both for military and navy service and commercial usage.
Successful operation of a device for

automatically transferring to the radio telephone conversations originating on metallic circuits also was accomplished in the tests. President Vail and other officials of the American Telephone & Telegraph company at New York talked easily with the Mare Island station over an ordinary metallic line to Arlington and thence by radio across the continent.

"The fact that the voices can be started on a land wire and automatically transmitted to a voice radio-transmitter," said Secretary Daniels, "holds out hope that persons inland readily could be put in touch by telephone with others at sea through some

phone with others at sea through some central transmitting station."

The Navy department's formal an-nouncement in part followes:

"Secretary Daniels is pleased to

announce the successful outcome of exfor the last few months by the American Telephone & Telegraph company and Western Electric company in cooperation with the radio stations under the jurisdiction of the Navy depart-ment, by which long-distance wireless telephony has been made possible."

Lottery Game Dies Natural Death in San Francisco

There was no formal order sent out by the police. It was tacitly under-stood by the seven lottery companies, as the result of an "order in council" issued by the Police commission, that "the game" was off—at least for a

The police judge fined a negro whom a patrolman arrested with lottery tick-

sent to the lottery companies by char-itable associations, it was said. One lottery representative said: "I can only say that we will not hold a drawing next week. I can't yet see beyond

Order Is In Difficulties.

Lodge of the Ancient Order of United Workmen is experiencing financial difficulties, according to a report made under the direction of State Insurance Commissioner Phelps. The main diffi-culty seems to be a deficiency in the reserve funds. This was explained by A. H. McKeown, grand receiver, who said men more than 64 years old had not paid enough into the fund to carry them after that age. They will now have to make this good, he said, or it will be deducted from their benefits.

Sailor Rules Schooner.

San Francisco-S. P. Ware, one of San Francisco—S. P. Ware, one of the crew of the American schooner Sehome, which arrived here Thursday from Sydney, Australia, was turned over to the police by John Kiltz, the ship's captain, who alleged Ware laid out the captain and crew with a belaying pin off Apia, American Samoa, and took command of the vessel for 24 hours. Captain Kiltz said he escaped, obtained a revolver and regained his command.

CROWN PRINCE HUMBERT



king at the Isonzo front, made his way siong several miles of the Italian trenches and sent the following tele-gram to his grandmother Queen Margherita: "I am on Austrian territory. I assisted in an artillery engage-ment this afternoon."

"VEST POCKET" WIRELESS SET IS MADE PRACTICAL BY NEW YORKER

Bedford Hills, N. Y. - A compaand efficient wireless receiving and sending apparatus, invented recently by Dr. H. Barringer Cox, of this place, is to be lent to one of the foreign pow ers for use in the trenches, according to announcement of the inventor.

The device, which may be strapped around the waist and deftly hidden by the folds of a cloak so as to be invisible to an unsuspecting person, is in reality a "vest-pocket" wireless ap-

paratus, as complete as any.

The sending apparatus consists of a box in which are five dry cells and a vibrator. The electric pulsations are started by tapping a telegraph key, and the current, which the doctor says and the current, which the doctor says are the started by tapping a telegraph key, and the current, which the doctor says are the same constructions. is modified with a hidden transformer of his own invention, sends out its or nis own invention, sends out its messages in waves, long and short. The equivalent to a half watt, or one-eightieth as much as is required for the ordinary electric light bulb is the amount of electricity necessary. From the box projects a wire.

San Francisco—Persons in all walks

of life had their last chance Thursday down the leg of the soldier and conto participate in the \$20,000 capital prize in San Francisco lotteries. the box projects a wire.

In warfare use this wire is carried down the leg of the soldier and connected with a metal plate or spur in prize in San Francisco lotteries. The receiving instrument consists of a grum about which is a coil of wires. On top of this is a fine deflector. It has a pair of ear-pieces such as is worn by telephone operators. Dr. Cox can send and receive mesnsists of a drum about which is a

sages by this instrument over a dis-tance of 18 miles. When he desires to receive a message he raises his cane.

a patrolman arrested with lottery tickets in his possession. The prisoner said he would have to beg or steal now that his occupation of selling lottery tickets was taken from him. It was admitted that the ousting of the lotteries will cut off in fines accruing to the city treasury thousands of dollars a month.

It is also asserted that the death of the game would throw upon the city 4000 indigents, men and women who have been selling tickets. Some were have been selling tickets. Some were been selling tickets. Some were and night. In one house two clerks were taken away in an ambulance in an exhausted condition.

The exchange governors, when ap-proached on the subject of closing the exchange, maintained that they had no Order is in Difficulties.

San Francisco—The California Grand odge of the Ancient Order of United Vorkmen is experiencing financial ifficulties, according to a report made inder the direction of State Insurance of the security business of the country on such short notice. The promise was held out, however, that should the great volume of trading continue next week, the declaration of a special stock exchange holidary moved by considered. day would be considered.

Chicago Under Sunday Lid.

Chicago - Mayor Thompson, in a nessage to the city council, announced message to the city council, announced that the owners of all saloons in Chicago hereafter would be forced to obey the state law, which provides that they remain closes on Sunday. The mayor ordered the city collector to notify in writing all persons holding licenses for saloons that they must comply with the requirements of the city law. For many years owners of state law. For many years owners of saloons in Chicago have defied the state law governing their operation on

hours. Captain Kiltz said he escaped, obtained a revolver and regained his command.

St. Paul—Besides participating in the credit to Great Britain and France, local banking interests controlled by James J. Hill will subscribe to the third German loan being offered in this country.

\$500,000,000 credit loan to Great Britain and Great Britain and France probably will be signed when members of the Anglo-French commission and J. P. Morgan & Co., agents in the United States. Lord Reading is expected to sign for Great Britain and France, local banking interests controlled by James J. Hill will subscribe to the third German loan being offered in this country.

\$500,000,000,000 credit loan to Great Britain and the child walked around and being distance probably will be agreed to the Anglo-French commission and J. P. Morgan & Co., agents in the United States. Lord Reading is expected to sign for Great Britain and France, local banking interests controlled by James J. Hill will subscribe to the mode of Commerce and Salem Commercial club. H. V. Chase, who reorganized the Portland and Salem Clubs, is here to take charge.

OREGON STATE NEWS WORLD'S DOINGS OF CURRENT WEEK

New Coal Era Is Seen.

New Coal Era Is Seen.

Eugene—The completion of the Willamette-Pacific railroad from Coos Bay to Eugene will change the character of fuel burned in the Willamette valley, is the opinion of Judge John S. Coke, of Marshfield, who arrived here to preside in Circuit court cases in which Judge G. F. Skipworth is disqualified by reason of previous association or personal interest.

It will be possible to ship coal to Eugene to be sold cheaper than wood when mining development now under way is completed and the new branch line of the Southern Pacific is in operation between the coal fields and this city, he said.

Judge Coke declares that the Southern Pacific and other interests are

repairing to open mines on a large scale. At the Beaver Hill mine, owned by the railroad, a depth of 32,000 feet on a 32-degree slope has been reached, Judge Coke sees a wonderful future

for his home county.
"With only water transportation excepting the recently constructed timber road, a community of 10,000

timber road, a community of 10,000 people has grown up around Marshfield," he stated. "We have the harbor, timber, coal and dairying, an unusual combination of resources.
"Harbor improvement at Coos Bay, representing the investment of \$700,000, has just been completed. The district raised \$600,000 by bonding, and about \$100,000 was contributed by private subscription. We now have 31

private subscription. We now have 31 feet of water inside the harbor at ordinary high tide and 36 feet of water on the bar at ordinary high tide."

Banks Report Gains.

Salem - Rapid growth of busine during the past two months and an early return to normal conditions are early return to normal conditions are indicated in the report of Superintend-ent of Banks Sargent, showing the condition of banks in Oregon at the close of business September 2 last. In the combined statement of the 175 state banks and 88 national banks in the state comparisons with correspond ing figures of a year ago point to

general financial improvement.

Although the total demand deposits of all banks in the state, including balances due to other banks, show a decrease of \$6,212,476.65 for the year, there has been a steady increase dur-ing the last three months. The statement just issued shows a gain of \$1,-813,538.12, since the statement of June 23 last.

Time and savings deposits continu

to grow and now reach a grand total of \$37,520,873.17, an increase of \$2,-379,672.88 since the statement of September a year ago.

Rediscounts with the Federal re-

serve bank amount to \$140,315.20, having increased only \$36,525.57 since the June call. Other rediscounts and bills payable are unusually high at this time of the year, amounting to \$2,-533,430.30. According to Superin-tendent Sargent, this is because farmtendent Sargent, this is because tarin-ers apparently are holding their crops for higher prices.

The national banks of the state now

have an investment of \$461,783 34 in the stock of the Federal Reserve ent bank, and are carrying receive baling to \$1,454,509.41.

Governors Are to Attend.

Salem-Governor Withycombe will e present at the Pacific International Livestock Exposition at the North Portland Union Stockyards, probably several days, but certainly December 9, for that date has been set aside as "Governor's Day," and in addition to the Oregon executive it is expected that the governors of at least three other Western states will be in attend-

According to advices received by Governor Withycombe from O. M. Plummer, general manager of the exposition, Governor Lister, of Washington, and Governor Alexander, of Idaho, have accepted invitations. It is also expected that Governor Stewart, of Montana, will attend. Governor Kend-rick, of Wyoming, also may be on hand, and perhaps Governor Hunt, of

Phone Company Replies.

Salem-Alleging that section 8 of the public utilities act, referring to the public utilities act, referring to common-user facilities, procedure and interchange of business, is in violation of the state and Federal constitutions, the Pacific Telephone & Telegraph company has filed with the Public Service commission its answer to the complaint of the Public Service League and others of Portland. With the Home Telephone & Telegraph com-pany, the Pacific is defendant in a complaint to force an interchange of telephone service in Portland.

Horse Kicks Child in Face. Pendleton-With her face and skull crushed in by the hoof of a horse she had attempted to pet, little 4-year-old to the memory of the soldiers who have perished in the war.

Allies' Loan Ready to Sign.

New York — The contract for the 500,000,000 credit loan to Great Brittin and France probably will be signed.

NEVER AGAIN FOR HIM

SELF IN STRONG TERMS.

Brief Resume of General News from All Around the Earth.

UNIVERSAL HAPPENINGS IN A NUTSHEP

Live News Items of All Nations an Pacific Northwest Condensed for Our Busy Readers.

The allies are making a fierce fight The Southern Pacific is sending 400 Oregon in response to demands.

Another slide has blocked the Pana ma canal and the opening of the ditch will be delayed until October 10.

Nearly three score persons lost their lives in a hurricane which also caused immense property damage at New Or-

William Steele, aged 81, and Mrs. Arleta Golden, aged 78, obtained a marriage license and were married at Salem, Or.

A catch of 1353 walruses is reported by the steamer Corwin. The hides are in great demand in Eastern ammuni-tion factories for burnishing shrapnel

Saskatchewan, Canada, farmers we first and second prizes in competition for the best bushel of wheat at the International Soil Products Exposition at Denver.

A Portland, Oregon, man, in a fit of laughter, dislodged his false teeth and the artificial masticators lodged in his throat. It required a physician to re-Three liners have been added to the

fleet of the Toyo Kisen Kaisha Steam-ship company and will be put into the trans-Pacific trade between Pacific Coast points and the Orient. A heavy hail storm practically ruined the winter apple crop in the vicinity of Roswell, N. M. The damage is estimated at \$200,000. Packing was to have begun soon in the larger orch-

The inclusion of the Missouri, Kansas & Texas railroad, which recently went into a receivership, makes the mileage of railways in the United States in the hands of receivers greater

A semi-official dispatch received at Amsterdam from Berlin says all the subscriptions to the third German war loan, which amounted to 12,000,000,-000 marks (\$3,000,000,000), represent

The London Morning Post's Berne correspondent says he learns from Munich that T. St. John Gaffney, the American consul general in munica, after conferring with Sir Roger Casement, has decided to resign and go on a lecture tour in the United States on a lecture tour in the United States on "The United States on a lecture tour in the United States on the United States on

Coreans in Hawaii are training with wooden guns, in the hope of being way, and the other half will taste bit-able to free Corea from Japan, according to Miss Sadie E. Barrett, a mis-sionary to Hawaii, who addressed the that saw me standing there with my National Convention of the Women's Home Missionary Society of the Methodist Episcopal church in Seattle.

Germany declares she sees the gos

The British admiralty has loaned a umber of submarines to the Russians. United States sends artillery to Mexican border to repel further raids of bandits.

The Washington government has made a final request that Dr. Dumba be recalled.

By the will of John G. Watmough, of Philadelphia, his hired girl falls heir to \$100,000.

A Walla Walla, Wash., girl take

For the first time in history, Chines For the first time in history, Chinese a hipbuilders are competitors of the European yards. A steamship com-pany of Drammen has ordered three steamers to be delivered in Copen-hagen in 1916 and 1917. The placing of this order in China is due to the nusual pressure in the home yards.

The Munich Post, according to the Overseas News Agency, has received a report from Switzerland that Pope Benedict is preparing a circular Horse Kicks Child in Face.

endleton—With her face and skull eral truce on All Souls day. The Ponthed in by the hoof of a horse she tiff asked that the truce be dedicated

which was negotiated in this country, has been made, however, the amount is \$500,000,000, instead of one billion,

MR. BURLISON DECLARES HIM-

ood Reasons Why He Should Make Resolution Not to Bring the Sunday Dinner From the City-"Why, Henry!"

There was the look of a man with a troubled soul in the face of Mr. Henry Burlison when he reached his home one Saturday evening. The smiling face of his wife did not lessen the look of grim determination in the face look of grim determination in the face of Burlison. A wife with far less intuition than Mys. Burlison had would have discovered that something had gone wrong, and Mrs. Burlison daked, "Why. Henry, what has happened?" Burlison stepped into the vestibule of his home and dropped the suit case he carried to the floor with a dull that His selfes had an edge like a

thud. His voice had an edge like a blade as he said:

"Something has happened that will never happen again if I live to be so old that Methuselah will seem like a kid when compared with me. This is ing that suit case downtown with me on Saturday and bring home our Sunday dinner in it to save express charges-the very last time!

"Why, Henry, what happened?" "Enough happened to make me tell you that I'll eat my Sunday dinner from an armchair restaurant with glitering white letters on the window an-nouncing frankfurters and mashed poatoes for 10 cents before I'll do any Saturday marketing with a suit case.' "But you haven't told me what hap-

ened if you had been with me just as reached the subway stairs. I s'pose I had forgot to push down the clasps that help to hold the suit case together, and the thing was so crammed full that it was too much for the selflocking arrangement, and the thing opened right at the top of the stairs."

"Why, Henry!"
"You'd say 'Why, Henry!' if you had seen a six-pound Philadelphia capon traveling down those stairs, followed by three big yellow grapefruit and half a dozen apples!" "Why, Henry!"
"A bunch of celery rolled down two

or three steps, and a man racing down the stairs stepped on it and slipped and he threatened to sue me for dam ages! You will find the print of woman's boot heel on that pound of butter, and I left the dozen eggs I had bought on the subway stairs, for I would have needed a shovel to have scraped them up after they had rolled down six iron steps! One of the grapefruit rolled between the feet of an old lady going down the stairs, and she gave a yell like a maniac and called for the police! A grinning idiot caught up one of the grapefruit and flung it up toward me, and two other men pelted me with the apples!"
"Oh, Henry!"

"The bottle of maple sirup spread over six of the steps, and the people carried it home on the soles of their shoes; and the paper came off the soup bone I had bought, and I left it lying at the foot of the subway stairs.

"Oh, Henry!" "I left half of my stuff in the subempty and open suit case in my hand and all that stuff traveling down the subway stairs!

"Why, Henry!"-Judge.

Men's Wrist Watch a Flivver. The wrist watch for men, at !east, clared to be a "flivver." Even if the classiest looking men you've ever seen vears the time on his pulse, he hasn't the official sanction of the American National Retail Jewelers' association They closed their convention with the refusal to have anything to do with the bracelet timepiece. It was a fearful blow for the man who introduced the fad who has been extolling the virues of the wrist watch, especially for dose of poison for headache, in dark, the male sex. Neither the advocate which proves fatal. of the whimsy nor anyone else promight wear watches draped about their necks on a string or a chain. Neither was it intimated that men might carry their subway tickets and cigarettes in

Snake Successful Angler.

That some snakes can catch fish as vell as old anglers was demonstrated Sunday on the ranch of E. D. Osborne near here.

A small spring creek runs through the pasture on the Osborne ranch, large enough for fish to play in. Here a large water snake was seen to grab rainbow trout by the head and make for the tall grass.

Osborne killed the snake and threw the live fish back into the pool. The fish was about 12 inches in length,-From the Husum (Washington) Dis-

Work Demanded of Recruits. The English recruit is expected to put every rifle shot into an eight-inch ring at 100 yards. The territorials must put 80 per cent of all shots into a 12-inch ring at that distance. French soldier is required to put half of his shots into an 12-inch ring at the same range.

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