

HOOPER LAUDS INVENTOR AND HIS INVENTION

President's Dearborn
Speech Is Given
In Full

DEARBORN, Mich., Oct. 22. (AP)—The text of President Hoover's address at the celebration of the fiftieth anniversary of Thomas A. Edison's invention of the incandescent lamp follows:

Fellow countrymen and women: This ceremony is a part of the celebration of Mr. Edison's invention of the electric lamp. It is also the dedication of the Edison Institute of Technology, the gift of Mr. Ford. Both are, in fact, national tributes to Mr. Edison.

The multiplication of the amount of light in the world a thousandfold is worthy of celebration, for darkness is a forbidding limitation upon righteous human activities.

When Mr. Edison invented the electric light he may, perhaps, have thought just to produce plain light and more of it at a less cost. But his will was to relieve the human race from the curse of always cleaning oil lamps, scrubbing up candle drips, and everlastingly carrying one or the other of them about. He may have thought to add safety to Chicago against a second accident from an oil lamp. But the electric lamp has found infinite variety of unexpected uses. It enables us to postpone our spectacles for a few years longer; it has made reading in bed infinitely more comfortable; by merely pushing a button we have introduced the element of surprise in dealing with burglars; the kobold who lived in dark corners and under the bed have now been driven to the outdoors; evil deeds which inhabit the dark have been driven back into the farthest recesses of the night; it enables the doctor to peer into the recesses of our insides; it substitutes for the hot-water bottle in aches and pains; it enables our cities and towns to clothe themselves in gaiety by night, no matter how sad their appearance may be by day. And by all its multiple uses it has lengthened the hours of our active lives, decreased our fears, replaced the dark with good cheer, increased our safety, decreased our toil, and enabled us to read the type in the telephone book. It has become the friend of man and child.

In making this, as in his other great inventions, Mr. Edison gave an outstanding illustration of the value of the modern method and system of invention, by which highly equipped, definitely organized laboratory research transforms the raw material of scientific knowledge into new tools for the hand of man.

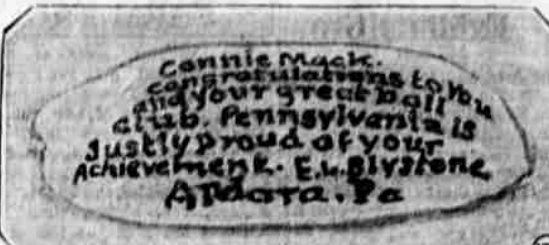
In earlier times, mechanical invention had been the frequent and haphazard product of genius in the workshop. But science had become too sophisticated a being to be wooed in such surroundings, nowadays a thousand applied science laboratories, supported by industries of our country, yearly produce a host of new inventions.

I can, perhaps, illustrate this modern method of invention. The fundamental natural laws of electricity were discovered three-quarters of a century ago by Faraday, Hertz, Maxwell and other great investigators in the realms of pure physics and mathematics.

Faraday discovered that electricity could be transformed into electricity through induction—the theory of the electric generator. It was one of the momentous discoveries of history. It is related that Mr. Gladstone was induced to visit Faraday's laboratory to see this new scientific contraption. When Gladstone is said to have made the characteristic practical man's inquiry, "Will this ever be of use to mankind?" Faraday replied, "Some day you will collect taxes from it."

Mr. Edison, using organized systematic laboratory research, has been one of the great leaders who have converted the pure physics of electricity into a taxable product. Today the governments of the world levy upon up-

All Written on a Grain of Rice



This is undoubtedly the smallest tribute that could be paid to Connie Mack—a message written on a tiny rice grain congratulating the Philadelphia Athletics' manager on winning the World Series. Above you see a photographic enlargement of the grain, less than five-sixteenths of an inch long and glued to an ordinary visiting card, which E. L. Blystone of Ardara, Pa., sent to NEA Service, to be forwarded to Mack. The message was written under a microscope.

wards of 60 billions of new wealth founded upon electricity. But the taxes and new wealth are not the major accomplishments of the men of this genius. These are rivers of sweat saved from the races of men and the infinite drudgery relieved from the hands of women.

I may emphasize that both scientific discovery and its practical application are the products of long and arduous research. Discovery and invention do not spring full grown from the brains of men. The labor of a host of men, great laboratories, long, patient, scientific experiment build up the structure of knowledge, not stone by stone, but particle by particle. This adding of fact to fact some days bring forth a revolutionary discovery, an illuminating hypothesis, a great generalization, or a practical invention.

Research both in pure science and in its application to the arts is one of the most potent impulses to progress. For it is organized research that gives daily improvement in machines and processes, in methods or agriculture, in the protection of health, and in understanding. From these we gain constantly in better standards of living, in lessened toil, lengthened human life and decreased suffering. In the end our leisure expands our interest in life enlarges, our vision stretches. There is more joy in life.

It is the increasing productivity of men's labor through the tools given us by science that shattered the gloomy prophecies of Malthus. More than a century ago that great student held that increasing population would outrun the food supply, and starvation was to be the inevitable executioner of the over-crowded earth.

But since his day we have seen the paradox of the growth of population far beyond anything of which he ever dreamed, coupled at the same time with constantly increasing standards of living and ever increasing surplus of food. Malthus was right except for a new contestant in the race with his principle. That was more scientific research, more discovery. And that race is still on. If we would have our country improve its standards of living and at the same time accommodate itself to increasing population, we must maintain on an even more liberal scale than ever before, our great laboratories of both pure and applied science.

Our scientists and inventors are amongst our most priceless national possessions. There is no force that the world could not afford to pay those men who have that originality of mind that devotion and industry to carry out until it spreads in steps and strides until it grows to the comfort of every home; not by all the profits of all the banks in the world can we measure contributions which these men made to our progress. And they are the least interested in the monetary results. Their satisfactions are in their accomplishments—in the contribution of some atom of knowledge which will become part of the great mechanism of progress. Their discoveries are not the material for headlines. Their names are usually known but to a few. But the nation owes them a great honor, and is proud to demonstrate through Mr. Edison today that their efforts are not unappreciated. The country can well pay its tribute to the men of this genius by expanding the facilities for their labors. The nation today needs more support to research. It needs still more laboratories. To that cause Mr. Ford is making a generous con-

tribution. And in establishing this institute, Mr. Ford is doing honor to Mr. Edison in a manner which appeals to a sense of fitness—that is, by founding an institution dedicated to education and scientific research.

And scientific research means more than its practical results in increased living comfort. The future of our nation is not merely a question of the development of our industries, of reducing the cost of living, of multiplying our harvests, or of larger leisure. We must constantly strengthen the fiber of national life by the inculcation of that veracity of thought which springs from the search for truth. From its pursuit we shall discover the unfolding of beauty; we shall stimulate the aspiration for knowledge, we shall widen human understanding.

Mr. Edison has given a long life to such service. Every American owes a debt to him. It is not alone a debt for great benefactions he has brought to mankind. But also a debt for the honor he has brought to our country. Mr. Edison by his own genius and effort rose from modest beginnings to membership among the leaders of men. His life gives renewed confidence that our institutions hold open the door of opportunity to all those who would enter.

Our civilization is much like a garden. It is to be appraised by the quality of its blooms. In degree as we fertilize its soil with liberty, as we maintain diligence in cultivation and guardianship against destructive forces, do we then produce those blooms, the fragrance of whose lives stimulate renewed endeavor, give to us the courage to renewed effort and confidence of the future.

(By Associated Press)

NEWPORT.—The Lincoln county chamber of commerce will be permanently organized November 1. A manager will be elected who will maintain an office at Toledo.

ALBANY.—An unidentified woman and her daughter biked Albany merchants of \$200 in groceries after they rented a house, ordered the goods and then disappeared.

MEDFORD.—Mothers of University of Oregon students from Medford and vicinity will meet with Mrs. W. O. Cook, president of Oregon Mothers and other officers here October 25.

ROSEBURG.—Homer Giltbreath, Oakland resident, was found dead in his home. He apparently had been dead since Friday.

PORTLAND.—Prospects for a 35 cent shave went glimmering when master barbers refused to advance the price.

ALBANY.—Gayle Parrish of Seio, was taken to a hospital suffering a fractured skull received when his motorcycle went into a ditch.

PORTLAND.—A thief in need of quick transportation stole a police automobile here, but it was found later.

EDISON PUTS BEHIND MOST THRILLING DAY

Famous Inventor Has
Good Rest After
Celebration

DEARBORN, Mich., Oct. 22. (AP)—Having put behind him one of the most thrilling days of his life, Thomas A. Edison was resting at "Fairlane," the country estate of Henry Ford today, preparing to return to his home in East Orange, N. J., when he leaves he will carry with him the memory of a tribute voiced not only on behalf of the nations by President Hoover but literally from the far corners of the earth.

Many Notables
It was a tribute paid in the presence last night of some 600 notable guests invited by Henry Ford to join in honoring Edison on the fiftieth anniversary of his perfection of the incandescent light. It had as its general setting the early American village Ford has constructed on his Dearborn property.

Had Honor Seat
To Edison, given the seat of honor at the speaker's table despite the presence of the President of the United States—an honor rarely accorded a citizen—it was an hour of supreme happiness. It required all the stamina of Edison to stand up in the flood of light of his own making, in the presence of the President and other notables and acknowledge the tribute. Several times during the brief acknowledgment Edison came near the breaking point. But he started in bravely, wavered a bit and carried on, and with a resounding "good night" displayed a courage as rare as his inventive genius.

Stood Order Well
After his brief acknowledgment Mr. Edison was accompanied by Dr. Joel T. Boone, President Hoover's physician, to the Ford home to rest after one of the most exciting days he has experienced in many years.

Reports that Mr. Edison had collapsed due to the strain of his golden jubilee day were emphatically denied today. It was said he had stood up well and was resting today.

(By Associated Press)

NEWPORT.—The Lincoln county chamber of commerce will be permanently organized November 1. A manager will be elected who will maintain an office at Toledo.

ALBANY.—An unidentified woman and her daughter biked Albany merchants of \$200 in groceries after they rented a house, ordered the goods and then disappeared.

MEDFORD.—Mothers of University of Oregon students from Medford and vicinity will meet with Mrs. W. O. Cook, president of Oregon Mothers and other officers here October 25.

ROSEBURG.—Homer Giltbreath, Oakland resident, was found dead in his home. He apparently had been dead since Friday.

PORTLAND.—Prospects for a 35 cent shave went glimmering when master barbers refused to advance the price.

ALBANY.—Gayle Parrish of Seio, was taken to a hospital suffering a fractured skull received when his motorcycle went into a ditch.

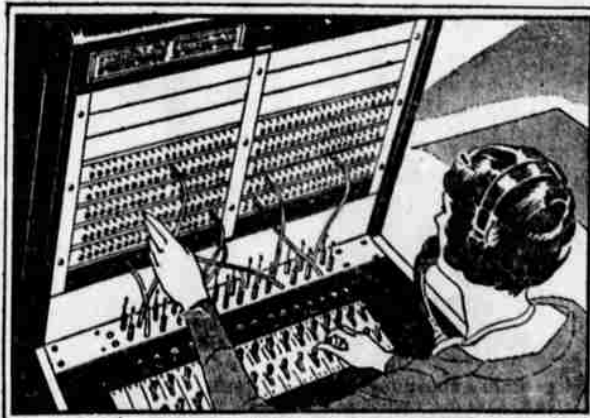
PORTLAND.—A thief in need of quick transportation stole a police automobile here, but it was found later.

BRIEF NEWS of KLAMATH

Red Cross Roll Call—George Walton is organizing his workers throughout the county for the annual Red Cross Roll Call that will begin on November 11, and continue throughout the month. The quota of the county is \$1800, the same as it was last year. The names of the workers will be published at a later date.

Ranch Sold—A ranch located just south of the Summers school has been sold to E. W. Casbeer who plans to improve the ground and make a large dairy ranch out of the 115 acres. The deal was closed through the offices of T. B. Watters, realtor and Frank Pecholt was the salesman.

Portland Registrants—Among the Portland regis-



Great strides in invention, great expenditures ...

Business, using the telephone, eliminates space and time. The fast-flung parts of an organization with its dealers and customers are brought together by instant speech. The home, like the office, reaches out over an ever-widening circle of neighbors.

The telephone is tireless and quick. It runs errands near and far, transacts business, keeps friendships alive. Telephones throughout the house save time and fatigue. They bring the comforts and conveniences of the office to the women in the home.

Keeping ahead of the new developments in American life calls for great strides in inventions, great expenditures in money. The Bell System's outlay this year for new plant and service improvements is more than \$50 million dollars. This is one and one-half times the cost of the Panama Canal.

This program is part of the telephone ideal that anyone, anywhere, shall be able to talk quickly and at reasonable cost with anyone, anywhere else. There is no standing still in the Bell System.



THE PACIFIC TELEPHONE AND TELEGRAPH COMPANY
BELL SYSTEM
One Policy - One System - Universal Service

SALE

Stock Reducing Sale
STARTING TOMORROW
and Ending Saturday Night

Every Shoe in the House
Reduced

Come Early While the Stock Is Complete

We Have a Full Line of Oxfords
and Arch Support Shoes

MOE'S
Shoe Department

Here From Portland—Dave Atkinson of the Phil Grossmayer Insurance agency of Portland is in the city today calling on the representatives of his firm.

Here On Business—Ursel C. Narver, representative of the Western Construction company of Portland is in Klamath Falls today on business.

F. M. Chapman Here—F. M. Chapman, Santa Rosa, Calif. resident is in Klamath Falls for three or four weeks.

on a business trip. Mr. Chapman made the trip north by motor.

Many girls play golf in their bare legs these days. One of the first rules of golf is to keep your eye on the ball.

We hope Premier MacDonald is able to find some kind of suitable chair at the functions in Washington.

RAGS FOUR COUGARS MARSHFIELD, Ore., Oct. 22 (AP)—Fred Gardner of Harbor, Ore., claimed the prize for being the champion cougar hunter of this section of the state today by bagging four full grown cougars in the coast range in one day. He used dogs.

FOR RESULTS USE THE HERALD WANT ADS.

San Francisco and all points en route

LOS ANGELES

by Comfortable MOTOR COACH

Money-Saving Fares. Frequent, Convenient Schedules ...

TRAVEL to San Francisco, Los Angeles, or any point en route by luxurious motor coach. Gliding over autumn highways seated in a deep-cushioned individual reclining chair you'll enjoy comfortable travel at low money-saving fares. Many convenient departures daily.

San Francisco - \$14.85
Los Angeles - 20.55
Sacramento - 12.70
Fresno - 16.60

TERMINAL
615 Main Street
Phone 999

PICNIC STAGES
Yelloway

Convenient Economical Nation-wide

WILL GET

YOUR GOAT—

That Is, If You Want a Goat.

SIDE GLANCES

By George Clark



"You see, Mr. Glatz, human beings are a lot like flowers—"