

### PRESS OF BUTTON BY GENIUS EDISON ENDS 'DARK AGES'

First Electric Light Glowed in Laboratory 52 Years Ago—One of 1300 Inventions Credited to Wizard

By W. W. Duson  
NEW YORK.—(AP) Thomas A. Edison turned a switch—and the "dark ages" ended.

For the dim electric lamp that glowed in his laboratory 52 years ago was the brightest spot in a pattern of inventive progress that transformed his times.

At the very moment that this prophetic beacon lighted up the eager face of the 32-year-old inventor every gas light must have flickered and apprehensively, every oil lantern gasped in its own smoke, and every horse car creaked ominously.

For the genius of this sturdy youth of Dutch ancestry was the master key that unbarred the door to the age of electricity, and relegated them to rubbish heaps.

Edison had sensed a mysterious force which made the frog jump when sprinkled with salt. But Edison saw in this same force the promise of a world turned electro-mechanical.

Under his guidance the principles linked with Volta, Ampere, Ohm and the others cracked their way from dusty laboratories into home, office and factory.

They coursed through the filament of his crude incandescent lamp, energized the transmitter he contributed to pioneer telephony and became his partners in improving other devices which have become indispensable in industry and the home.

Always the inventor. For this former train newsboy, who entered telegraphy when the grateful father of a child whose life he had saved taught him the subject, early learned to apply a test to his inventive visions.

It was, in effect, the question whether he would find at the end of his task a product or a method useful to the world. In the end he was credited with more than 1300 patents.

The electric incandescent light, which first glowed for him, is perhaps his outstanding contribution. But the same persistency which kept him beside the first bulb until it burned out after 40 hours brought him success in virtually every line of inventive endeavor.

Improved Telegraphy Even before this, while yet in his twenties, he had profited from improvements to stock tickers and had made valuable contributions to telegraphy and telephony.

In 1877 his carbon grain transmitter aided in bringing Alexander Graham Bell's telephone into wider use. The phonograph he invented—following inspiration from his telephonic experiments—was destined to replace the old music boxes that shared with family albums the places of honor in parlors of the period.

Invented "Electric Pen" To offices which then had no means of duplicating letters and documents, his "electric pen" was the forerunner of the modern duplicator while his dictating machine was a later extension of the phonograph.

His name was given to a phenomenon observed in the passage of electricity from a filament to a metal plate inside an incandescent bulb. And the principle behind this "Edison effect" later was the basis of the modern radio.

Motion pictures had their origin in his "Kinetoscope camera"—viewed through a peep-hole. Added to Nation's Wealth In 1899, when he received the congressional gold medal, the value of his industries dependent in whole or in part upon his inventions was estimated officially at nearly 16 billion dollars.

Based upon this estimate, he had added \$30,000,000 annually for a half century to the nation's wealth. Merely to catalog his outright inventions would be to slight the contributions he made in improving what others had begun.

For Edison found one world—and left another.

### KANSAS TAXPAYERS DEMAND REDUCTION

### STEEPS DROWN WHEN FRIGHTENED IN STORM

CRISTOBAL, Canal Zone, Oct. 16.—(AP)—The cattle boat Genieve Lykes, her starboard rail awash with a heavy list, arrived here today and her crew told of a mad night as sea during which a thousand frightened steers had broken from their decks, stampeded and left behind the ship a trail of drowning beasts.



Our hero leads his braves today to battle—there they go! And who should laugh if it's a corn crib that's their deadly foe? And who should laugh if at the end that foe is brought to rest, With red and white and yellow ears of corn strewn all about?

### Meteorological Report

October 16, 1931  
Medford and vicinity: Tonight and Saturday fair and mild.

Oregon: Fair tonight and Saturday but overcast on coast; mild temperature.

Lowest temperature this morning 38 degrees.

Temperature a year ago today: Highest 68; lowest 31.

Total precipitation since Sept. 1, 1931, 1.23 inches.

Relative humidity at 5 p. m. yesterday 21 degrees; 5 a. m. today 76 degrees.

Sunset today, 5:28 p. m.  
Tomorrow: Sunrise 6:29 a. m. Sunset 5:27 p. m.

Observations Taken at 5 a. m., 120 Meridian Time.

City	High 24 Hrs	Lowest Temp	Wind	Weather
Baker City	72	34	—	Clear
Boston	64	58	14	Rain
Bolton	76	44	—	Clear
Chicago	60	48	—	Cloudy
Denver	68	38	—	Clear
Des Moines	64	48	—	Clear
Fresno	86	58	—	Clear
Helena	68	36	—	Clear
Los Angeles	80	62	—	Clear
Medford	63	41	—	Clear
New York	74	58	28	Rain
Phoenix	82	60	T.	Cloudy
Portland	78	50	—	Clear
Reno	78	46	—	P. Ody.
Roseburg	76	42	—	Clear
Salt Lake	70	46	—	Clear
San Francisco	70	56	—	Cloudy
Seattle	68	50	—	P. Ody.
Spokane	70	40	—	Clear
Washington, D.C.	78	56	32	Cloudy

### BLAME LIGHTNING FOR MOST FIRES IN U. S. FORESTS

Over Half of 6322 Fires This Year Caused by Bolts—Smokers and Firebugs Next in Line As Cause

WASHINGTON.—(AP)—Lightning, beyond control of forest patrols, is by far the chief cause of such forest fires as have charred and blackened northwest lumber areas larger than the state of Delaware, in recent weeks.

More than half the 6322 fires in National forests so far, in 1931, were started by lightning bolts, reports the United States forest service. Careless smokers and incendiaries were next in importance as causes. Spreading campfires, brush-burning operations, locomotive sparks and lumber camps accounted for most of the others.

Forest fire losses are roughly about \$2,500,000 annually, or one-eighth of the nation's total annual fire loss of about \$500,000,000, forest service figures covering the past five years, indicate.

So far in 1931 fires in national forests alone have burned more than 384,168 acres of timber. Damage to private timber lands, not yet estimated, has been far greater.

Fires in the northwest are believed to have destroyed 1,500,000 acres of government and privately-owned forests. The federal government has spent more than \$2,000,000 already this year in fighting fires on its own land.

Lookouts Spot Fires. More than 300 federal forest fire lookouts ceaselessly scan ridges and valleys for telltale columns of smoke. About 87 per cent of forest fires are spotted and put under control before they burn more than 10 acres.

When a fire gets out of control, leaping through treetops and burrowing through underbrush and the dry humus that covers the soil, flinging advance guards of sparks as much as half a mile, hundreds of fire-fighters are mobilized.

While the forest ranger in charge of the battle soars over the burning woods in an airplane to learn the extent and direction of the enemy's movements, the ground forces dig miles of trenches in a double flank attack designed to gradually narrow down and "pinch out" the fire's progress.

Use Portable Pumps. Pumps, carried on backs of men and horses, are rushed to strategic points. Dead trees inside the fire lines are cut down before they catch fire and explode, scattering sparks to start new fires. Fire fighters have the best chance to gain the upper hand at night when the wind usually drops, humidity increases, smoke clings closer to the ground, shutting off oxygen, and the fire has to reduce its speed.

### LONGER LIFE FOR MAN IS PROMISE

NEW YORK, Oct. 16.—(AP)—Prediction that man's average life is about to be increased from 58 years to 70 years, due to a "new type of medicine" was made at the American College of Surgeons' meeting today, by Dr. Charles H. Mayo of Rochester, Minn.

This new phase of healing is a combination of medical care with the aid of the individual efforts and intelligence of the patient.

"The added span will come about through education, teaching people that they must take care of themselves and how to do it," Dr. Mayo said.

### MEAL KILLS CAT SO HUSBAND SUES

PHILADELPHIA, Oct. 16.—(AP)—On the grounds that the food she prepared for him killed the family cat, Samuel Sherman in domestic relations court today sought exemption from supporting his wife.

"Judge," said Sherman, "she prepared a meal for me but the cat ate it by mistake and passed out."

Veheement denial was entered by Mrs. Sherman and the court granted an allowance of \$5 a week for the support of an eight-year-old child.

Watch for the opening of Grand-ma's Farm.

### Rheumatic Cripples

New Medicine Guaranteed to Free Your Muscles and Joints in Less Than a Week or Money-Back.

No matter how crippled and helpless you are with rheumatism; no matter how great your suffering; you can now ease that pain in a day and break rheumatism's terrible grip on your system in less than a week or nothing to pay.

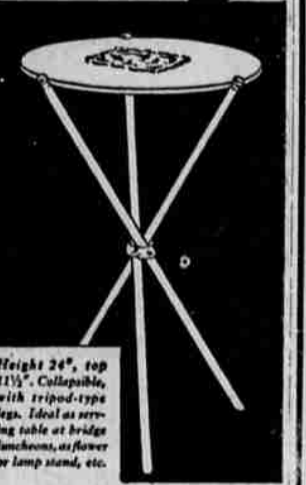
A \$1 bottle of Ru-Ma is guaranteed to free your muscles and joints from crippling stiffness and swelling, lameness and torturing pain or your money refunded.

No long, discouraging wait while you wonder if that awful pain will ever stop; for Ru-Ma begins to act the very first day. Magically your muscles and joints limber up, swelling goes down, aches and twinges disappear, away go limping and hobbling.

So many once helpless rheumatic sufferers in this vicinity have been freed from rheumatic agony by Ru-Ma that Jarmuth & Woods and other local druggists invite you to try Ru-Ma under an ironclad guarantee of money back if it does not stop your rheumatic suffering.

### SPECIAL OFFER for Short Time

Only \$2.00 Table for 75c



Height 24", top 21 1/2". Collapsible, with tripod-type legs. Ideal as serving table at bridge luncheons, at flower or lamp stand, etc.

with each purchase of only a pint of



SPECIAL Inducement, for limited time only—this stylish, collapsible \$2 table for only 75c when purchased with as little as a pint of Water Spar. Know how easily and inexpensively you can put glorious color into your home. Know that Water Spar is the material to use. Know Water Spar now... now when you get acquainted with it and save \$1.25 on a table, besides!

K. D. Ross Co. 22 South Grape

## Mark These Three Red Letter Days On Your Calendar-Thursday-Friday-Saturday

# OCTOBER 22-23-24

## An Electric Cooking School That's Different The Mail Tribune's FREE SCHOOL of HOME ECONOMICS



ETHEL M. HALL (Mildred Kitchen of the San Francisco Call Bulletin) in charge of the Mail Tribune School of Home Economics.

THE MAIL TRIBUNE is fortunate in being able to bring to Medford one of the Pacific Coast's most outstanding Home Economists, Ethel M. Hall, to direct a three-day free School of Home Economics. Ethel Hall, known to thousands on the Coast as Mildred Kitchen, is thoroughly versed in the problems of women. She has a large following in the fields of cooking and dietetics and is widely known as an authority on culinary matters. At the school her illustrated lectures will embrace Food Preparation, Combinations and Diet, Reducing and many other features of interest to Southern Oregon Women. You will enjoy these interesting talks and you'll like Ethel Hall with her wonderful personality and wide knowledge of your problems and their solution. Plan now to attend every day from 1:30 to 4:30 in the afternoon. Watch for further details in the Mail Tribune.

### A Beautiful 1932 Model "Hostess" Hotpoint Range Will Be Especially Featured at This School

## REMEMBER—3 BIG DAYS OCTOBER 22-23-24 at the HOLLY THEATRE

# Medford Mail Tribune

"EVERYONE IN SOUTHERN OREGON READS THE MAIL TRIBUNE"