

THE PEOPLE'S WEEKLY PAGE OF ELECTRICAL NEWS

Published Each Tuesday



Facts vs. Theory

Which is worth the most to you? When you invest your hard-earned dollars do not put them into a washer that has not been on the market long enough to develop its weak points. Buy one that has withstood the test of years, as has the

"1900" Electric Washer and Wringer

The old Reliable "1900" that we drove by water for years before the small electric motors were practical for this purpose. You KNOW that our machinery will give you years of good service. These are facts, not a bunch of theories. When you buy of us you are getting direct from the firm that makes them, and you have a mammoth firm back of YOUR washer. This is why we have more than

1,200 Users in This City

Electric, Water, Gasoline and Hand.

Divide the price by the years of service and you will find this the most economical of any make whatever. Nothing to fix or the clothes. Fifteen-Day Free Trial. Cash or Easy Payments.

"1900" WASHER CO.

Tyler 1011. E. B. WILLIAMS, Mgr. 308 So. 18th St.

Automobile, Electric Elevator and Motor Repairing.

Omaha Electrical Works
1214 Harney St. Doug. 1181.

BENNETT ELECTRIC CO.
FOR SAFE AND RELIABLE WIRING
It PAYS TO PLEASE
301 Omaha Nat. Bank Bldg. D 2214.

Steam Pumps Being Hitched to Motors

HUNTSVILLE, Ala., Aug. 21.—The city of Huntsville has purchased a multi-stage turbine pump which will be installed in the city pumping station to relieve the pumping equipment, which has been overworked during the last two or three years. The new pump will be driven by electric power and will pump 3,000,000 gallons of water a day. Early this fall the steam plant will be permanently discontinued.

ELECTRIC PUSH BUTTON THAT ANNOUNCES ANSWER

It is reported that a patent has been taken out in Norway and applications filed in England and Germany for an electric push button which, when pushed, has connected with it devices by which the person whose attention it is desired to attract may respond so that the one signaling knows he has been heard and the one being called is saved the annoyance of listening to repeated ringings. The result is accomplished by an electric magnet provided with a buzzer and the convenience of the improvement appeals especially to those who may be summoned during the night, such as physicians and nurses, and should be found useful in connection with call buttons where those called cannot always immediately respond.

ELECTRIC BATTERY ROAD IS NEARING COMPLETION

EPHRAATA, Pa., Aug. 19.—The storage battery electric line being built between this place and Lebanon is being rushed to completion. A stretch of six miles between Ephrata and Hopeland has been in operation for some time. Work is now in progress on the Lebanon end of the line, and the grading is almost completed between Lebanon and Schaefferstown.

BURGESS GRANDEN CO. HAS TEMPORARY PLACE

The Burgess-Granden company, whose building was destroyed by fire last week, is temporarily located at 1206 Jackson street.

CONTRACTOR SHERWOOD HAS A NEW LOCATION

The fire which destroyed the electrical supplies establishment of Burgess-Granden company last week necessitated the removal of W. W. Sherwood, the electrical contractor, who officed in that place. He is now located at 1729 Howard street and, together with his electrical construction work, will carry a full line of electrical supplies and devices.

Wireless Telephone. Wireless telephony between Rome and Palermo, Sicily, a distance of 26 miles, has been very successful and the Italian government will take over the system.

HELPS THE MOVIES TO TALK

Electricity Makes it Possible to Run Reel and Record Simultaneously.

ACTS AS A SYNCHRONIZER

Telephone System Between the Reel House and Record Booth Brings About Agreement of Production Between Operators.

During the forepart of March there appeared before the American public an invention that promises to become one of the most popular yet produced. It is called the kineophone, or in simple words, the "talking moving picture" and, like many inventions of the present day, originated in the fertile brain of Thomas A. Edison.

It is a combination of a moving picture film and a phonograph, arranged in such a manner that the actors photographed on the screen actually appear to converse with each other. It will readily be seen that this will be a vast improvement on the present pantomime entertainments that have become such a big factor in entertaining the public during the present decade.

In producing these talking pictures, it is absolutely essential that the film reel and the phonographic record shall be synchronized. That is to say, when the actor's lips form a word, that word must be produced by the phonograph at the same instant, for otherwise the effectiveness of the combination will be entirely destroyed.

It would not have been considered difficult to accomplish the desired result could the phonograph and reel have been placed next to each other on the stage. However, as the reel is invariably placed back of the audience in what is known as the "rear house," such an arrangement was impossible, as it is necessary for the phonograph to be operated from the stage, so that the sound can be directed toward the audience.

Several methods to synchronize the pictures and records were tried, but none of these gave satisfaction until an inter-communicating telephone system was tried. This gave very good results from the start. The operators of the phonograph and reels are connected by the means of a special three-wire private line circuit.

MAMMOTH SEARCHLIGHT FOR SAN FRANCISCO FAIR

The Mount Tamalpais railroad is planning to install the largest searchlight in the world on the top of Mount Tamalpais at the time of the Panama-Pacific exposition in San Francisco. It is expected that the light from this source will illuminate the exposition grounds to an appreciable extent. A mirror and lens will be used in connection with the lamp, designed to concentrate the light upon a spot 100 feet square at a distance of nine miles.

KEEPS ELECTRICITY BUTTONED INTO WALL

"I know where the electricity that lights our house comes from," said little Edna. "Where does it come from?" asked her small brother.

"From the wall, replied Edna. "When mamma wants a light she unbuttons it."

Electric Light Displaces Aurora Borealis

The Aurora Borealis has been so long without a rival in the land of the midnight sun that it may be interesting to note that at least two places within the Arctic circle—Hammerfest and Tromsø—have received the southern substitute, electric light.

Omaha is Third in Safe Wiring

The committee on fire prevention of the national board of fire underwriters has just published a report giving the results of their investigation of the electrical situation in Omaha from the standpoint of the electrical fire hazard.

The report states "that a good equipment is being secured" and gave the number of defects as being comparatively slight, some equipments having no defects whatever. In view of the fact that a majority of the defects noted were due to the misuse of flexible cords by owners after the equipment had been approved, the results of this investigation prove that from the standpoint of workmanship and safety the standard of electrical construction in Omaha is very high. As a matter of fact Omaha ranks third in this respect.

This investigation proves that the furnishing of good electrical equipment on the part of the contractor and the most careful inspection on the part of the electrical inspection department is insufficient to procure safety without the co-operation of the owner. The practice of allowing inexperienced persons to tamper with electric wiring is always unsafe and costs more in the long run than it would have had the work been placed in the hands of an experienced contractor. That the city electrical inspection department also takes this view of the matter is evidenced by the following warning on the back of every "Certificate of Installation" issued from that department:

"Do not allow any plumber, gas or steam fitter, carpenter or other mechanic to interfere with these wires."

"Section 13. No alterations shall be made in the plant, after inspection, without first notifying the city electrician and subjecting the plant to inspection, subject to the provisions of the ordinance."

Owners and agents can often save themselves needless expense in being obliged to replace defective electrical equipment which has not been approved by the city electrician by insisting on the receipt of a certificate of inspection on the completion of the work.

Invents Practical Lamp for Surgeons

The lamp shown is designed for the use of surgeons and dentists. The light is concentrated by a system of lenses mounted in a tube and the whole is supported upon adjustable arms so that it may be placed in any position with relation to the patient. A hood prevents the rays from being thrown out into the eyes of the operator and a telescopic arrangement of the tube permits the focusing of the rays over a distance of from six to eighteen inches. A patent upon the device has been issued to Clarence F. Rodgers, Connecticut.

Persistent Advertising is the Road to Big Returns.

LOOKING OVER NEW LANDS

Opening of Niobrara Reservation is Attracting Attention.

WILL REGISTER IN OCTOBER

Registrations Will Be Received at Valentine from the Eighth to the Twenty-Fifth of the Month.

The opening of settlement of the Fort Niobrara military reservation in Cherry county, Nebraska, just east and north of Valentine, is beginning to attract attention and many people are traveling there to look over the land. Registrations for locations will begin at Valentine October 5, continuing until October 25, after which, at some subsequent date, probably late in the winter, the allotments will be made.

On the Fort Niobrara reservation there are ninety-four tracts of 100 acres each of which will be subject to entry under the provisions of the regular homestead laws, though parties securing them will have to pay a minimum of probably \$2.50, with a maximum of \$10, per acre, the amount not having yet been determined by the Interior department.

Then there are forty-six tracts that will be subject to entry under the provisions of the Kinkaid homestead law. These tracts are of 60 acres each and are either sandy or rocky, though said to be well adapted to grazing and stock raising.

Land is Valuable. Of the ninety-four tracts for which a bonus must be paid, much of the land is said to lay well and is of excellent quality. Some of this land is said to be worth as much as \$25 to \$30 per acre at the present time. A residence of five years, with the privilege of commuting after fourteen months is permitted.

Just north of Valentine and over the South Dakota line in Tripp county, 37,000 acres of Indian land will go onto the market October 8, to be disposed of in tracts of 100 acres each, not more than one tract to be sold to any one party. Here no residence is required, but the minimum at which the land will be sold is \$2.50 per acre. It will be sold on the highest bidder getting the title.

Of the Tripp county land there is very little that is of any agricultural value. It is in the bad lands district and roughly cut up by draws, canyons and buttes. It is to be sold at Valentine.

The Persistent and Judicious Use of Newspaper Advertising is the Road to Business Success.

BRIEF CITY NEWS

Sarcophagus. Lighting Fixtures, Burgess-Granden Co. Have Root Print It—Now Isaac Press.

Fidelity Storage & Van Co.—Doug. 1519

Fined for Auto Speeding—G. W. Beaver, 2223 Farnam street, was fined \$5 and costs in police court for exceeding the speed limit in an automobile.

Bemis Parks Victorious—The Bemis Parks defeated the Clarks Athletics by a score of 12 to 6. The feature of the game was the fielding and batting of the Bemis Parks. For games call Harney 6466.

Visiting Uncle—W. H. Chambers of Anderson, Ia., is spending several weeks in the city visiting his uncle, Police Sergeant Al Glover. Chambers was a visitor in police court Monday morning and was much interested in the proceedings.

Burglars Take Jewelry—Emma Link, 102 South Fifty-fourth street, reports to the police that burglars gained entrance to her home Saturday night, through a rear window, and stole jewelry valued at \$12.

Given Ten Days in Jail—Will Mason, colored, 1421 North Twenty-first street, was sentenced to ten days in jail on a charge of vagrancy. Mason is suspected with knowing something about the holdup Friday night of W. J. Watson of Auburn, Neb., at Ninth and Capitol avenues.

Mrs. Smith to be in Charge—As in the past, Mrs. Guy L. Smith will be in charge of arrangements for the big dinner and supper to be given the newsboys at the picnic arranged for their benefit at Krug park Wednesday.

Much Engaged with Omaha—James Francis Hicok, of Detroit, sovereign grand commander of northern Masonic jurisdiction of Colored Scottish Rite Masons, spent Sunday in this city, visiting the local consistory here. Mr. Hicok, who is making an official tour of the coast and back, on being taken through the business and residential sections of Omaha, was very much impressed with the substantial progress being made in this city. He was the guest of Clarence W. Wigginton.

Narrow Escapes from Mad Dog—Mrs. C. M. Buffington, 539 South Twenty-fifth avenue, had a narrow escape from being bitten by a mad dog. A bulldog which the family formerly owned made its appearance at the house and after pawing open the screen door entered the hallway, where it growled and snapped at imaginary objects and frothed at the mouth. Mrs. Buffington, after making the brute a captive by closing all doors leading to the passage, called the police. Officer Nielsen killed the animal.



W. W. SHERWOOD ELECTRICAL CONSTRUCTION

NOW LOCATED AT
1729 HOWARD STREET
(N. W. COR. "FLATIRON" BUILDING)

Will Carry a Full Line of Electric Supplies and Devices

WIRE ME FOR YOUR WIRING
Douglas 7633

The Value of Your Home Depends Largely on Your Lighting Fixtures

Perhaps the most aggravating of all telephone operating errors, from a subscriber's standpoint, is what is termed the cut-off—the taking down of the connection while two persons are talking.

On a modern multiple telephone switchboard more than a hundred lines terminate at each operator's position, and cords, with "plugs" on either end, are used to connect the incoming lines with the outgoing ones.

The Reason

A dozen cords are often in use at each operator's position at once, and when calls are flashing in and others have "hung up" in her hurry to connect the calling subscriber, the operator removes the wrong "plug." That causes the cut-off.

The cut-off always means extra work for the operator and irritation to the subscriber, and constant supervision and care is exercised to prevent it.

NEBRASKA TELEPHONE COMPANY

THE OMAHA BEE
The Home Paper of Nebraska.

Come to OUR STORE—select fixtures according to your taste.

Or call us (TYLER 1414) and we will come to see you and design fixtures to correspond with the interior of your home.

DON'T PUT IT OFF—COME NOW.

The Electric Shop
WOLFE ELECTRIC CO.,
Established 1874.
1810 FARNAM STREET,
Tyler 1414.

Council Prefers Center Street for Car Line Extension

Strong protests against the action of the street railway company in choosing Forty-eighth street to Poppleton avenue from Poppleton to the Missouri Pacific bridge and from Fifty-first street to Center for an extension of its lines instead of Center street were made before the city commission by a score of property owners.

Frank Davis, a machinist, who lives at the Douglas County Teachers' Institute at the court house and attended the first meeting of the two weeks' program. The program includes work on literature, playground games, reading, arithmetic, and other school topics. Meetings will be held each day this week and next, except Saturday. A large attendance is expected tomorrow.

Got an Atrial Fibrill? Take Dr. King's New Life Pills, and soon see bowel trouble vanish. Guaranteed. 50 cents. For sale by Beaton Drug Co.—Advertisement.

Teachers' Institute Begins Sessions at Court House

About seventy school teachers enrolled at the Douglas County Teachers' Institute at the court house and attended the first meeting of the two weeks' program. The program includes work on literature, playground games, reading, arithmetic, and other school topics. Meetings will be held each day this week and next, except Saturday. A large attendance is expected tomorrow.

Got an Atrial Fibrill? Take Dr. King's New Life Pills, and soon see bowel trouble vanish. Guaranteed. 50 cents. For sale by Beaton Drug Co.—Advertisement.

City commissioners were inclined to



For Your Porch Guests on Summer Nights

When you have guests during the hot weather, it is pleasant to know that you can prepare a delightful little supper for them on your cool porch. There is no need to leave your guests—no flurrying about in an overheated kitchen, if you use Electrical cooking appliances. It is all done in cool comfort quickly and safely—in the best, most economical manner.

Electrical Lighting Rates Are Again Reduced

On July 1st the rates for electric lighting were reduced from 14c to 12c per kilowatt hour. After the first 30 hours' use the rate is 6c per kilowatt hour. This is a reduction of almost 15% and makes electric light the most economical illuminant you can use. You should arrange to have your home wired now.

Write or Telephone Today

Omaha Electric Light & Power Co.