

The People's Weekly Page of Electrical News



SEE BENNETT ELECTRIC CO FOR SAFE AND RELIABLE WIRING It PAYS TO PLEASE.
301 Omaha Nat. Bank Bldg. D 2818.

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PARTNERSHIP WITH WOMAN

Electricity Her Assistant at This Time of Year.

SOLVES CLEANING PROBLEMS

Washer and Vacuum Cleaner Both Serve Very Efficiently in Doing Work Which Otherwise Would Be Drudgery.

Women are to an almost surprising extent, adopting the means which have been given them for easier and better work. By far the great majority of women have discovered that the modern way of disposing of housework brings them out far ahead of their sisters who do not care for such things. This does not mean exactly that they all go about it in a business-like way. As for instance, last year one vacuum cleaner on East Eighty-first street, New York City, did duty at six house cleanings. But the owner, being a good natured person, claimed not to object to her neighbors' "methods," being only glad that she had such a useful article to loan.

The electric washing machine which the same lady found indispensable in her own house cleaning was spared so much outside activity because of its more stationary nature. The vacuum cleaner and the electric washing machine form a very useful partnership for the house cleaning period—what one does not do the other does. A woman never feels better satisfied with house cleaning as when she has done or superintended the doing of every bit of it herself. With the electric washing machine she is enabled to personally see to it that the heavy bed clothes are put away in the very best condition and the vacuum cleaner is just as sure a servant for the rugs and draperies.

Ancient Burying Vaults Lighted by Electric Lamps

The catacombs of St. Callista, near Rome, were not long ago illuminated with thousands of electric lamps, filling the gloomy vaults and passages with a bright light, whose effect, as it fell upon the rows of bones and skeletons, is described as being startling and almost uncanny. The use of electric lights in the catacombs is perhaps the most unique example of modern practical science brought face to face with antiquity. This, however, would be exceeded by the introduction of the electric light in the galleries of the great pyramids of Egypt. It is reported that the Egyptian government has for some time been considering the feasibility of this.

At least two places within the Arctic circle have received the electric light. Hammerfest and Tromsø are now lighted by electricity, so that they have an artificial daylight during the long winter darkness.

Display of Lights Shows Way Advance Has Been Effected

For the enlightenment of those who do not realize that a great improvement has been made in the methods of lighting since the first electric light was made, the recent Woman's exposition at Central Armory in Cleveland exhibited side by side the old carbon lamps (first type made) and the new Mazda lamps. The difference in the quality of the light was very apparent when a carbon lamp and a Mazda lamp were placed together in a portable lamp and light from each observed separately. As a mere matter of history this display interested a great many people while others were glad to see what they already vaguely knew, so plainly demonstrated.

Electric Plant of City Taken Off to Sea by Tidal Wave

According to reports, the electric light plant which has supplied the town of Ocos, Guatemala, for the last four years is about to weigh anchor and put out to sea. Four years ago a steamer of the Kermoc line, while making a voyage to San Francisco from European ports, was carried into shoal water near Ocos by a tidal wave, but rested on an even keel with undamaged machinery. An enterprising Guatemalan is said to have run wire from the ship to the shore and made effective use of the ship's generating plant to supply the local community. A Philadelphia salvage company has succeeded in refloating the ship, however, and all lamps will probably come into fashion again in Ocos.

WIRE RIGHT, SAVE MONEY

Plans for Wiring House that Will Result in Benefits.

MANY CIRCUITS AN ADVANTAGE

Six Different Lines Should Be in an Separate Meters in Order to Obtain Reduced Price for the Current

There are so many things to which electricity is applied nowadays that almost every newly built or newly wired house has provision for its use other than that of lighting.

When planning for electricity it will pay to spend money initially and save the extra expense later for running special circuits (series of wires) to provide for the use of electricity for cooking, laundry work, cleaning, etc., and for heating, aside from the lighting.

Circuits like the following, with properly placed receptacles for plugging in, insure the greatest convenience and least expense in the use of electricity:

1. A heating circuit to the dining room, which may be used for a coffee percolator, toaster, chafin dish, etc.
2. A heating circuit to the kitchen, which may be used for all cooking devices and for a range if desired.
3. A heating circuit to the laundry, which can be used for the laundry trons.
4. A heating circuit to each bath room, which can be used for an electric radiator and water heater.
5. In a country residence there is frequently occasion for the use of electricity for water supply and for charging storage batteries of electric vehicles.
6. These circuits then also permit instant attachment of vacuum cleaners to any one.

In all the above cases provision should be made for a separate meter in order to obtain this reduced price for current. Provision should surely be made for these circuits at the time the house is built to save expense later.

A Help for the Room that is Only Poorly Lighted

The portable floor lamp is one of the most convenient electric comforts one can have in the home.

These are made in several styles and sell for prices ranging from \$5 up. Most styles are adjustable to any height or position so they may be used for individual reading or at the piano.

A rather unique and a very effective way to use one of these lamps as an "economizer" is to turn the reflector so the light is thrown upward to the ceiling and then reflected into the room. From a white ceiling a soft warm glow is shed all over the room—ample light except for reading, and a great relief to the eyes if one lives in a home equipped with poor ceiling fixtures.

Danger of Looking at Bright Light is Fully Explained

Have your electric lights frosted or shaded to protect your eyes.

If the iris were perfect in its function, looking at bright lights would not be annoying, or in some cases actually dangerous, for the iris would shut down to a small-sized pinhole, says "Good Lighting." But the iris is far from being perfect in its action when it is contracted to about 2 mm. usually it will go no farther no matter how bright the light may be, and this means that the retina may be exposed to an excessive amount of light, which results very badly for the eyes. As a rule we avoid looking at a bright light of any kind, but at the time of an eclipse of the sun there are many people who are so curious as to what is happening to old sol that they will try to look directly at him. This results in scotomas, which may persist for a long time and which in some cases may become permanent.

It has not been settled satisfactory whether injuries caused by bright lights are due to light rays or to heat rays or to actinic rays, but probably all have a part in the result. In any event it is never wise for a person to look directly at a very bright light, for if the light is very strong and it is fixed even for a brief time, there may be changes in the retina which never can be remedied.

Drainage of Coal Fields to Benefit English Coal Mine

One of the great coal fields of England, some thirty-two miles in area, has numerous pumps established at as many different points to pump out the water. Now it is proposed to work these pumps by electricity. They will all be so connected that at a single point the necessary switching can be done to throw them all into action at once. There are fifty pumps in all. This will be one of the most striking applications of electric distribution and control of power yet presented.

Porches Furnished for Summer Like Best Room of Home

The ordinary wicker porch furniture has been supplemented by the wicker lamps. A great many people even last summer had one of these delightful reading lamps on their porch, while the displays in the shops promise even a greater popularity for them this summer.

Having a portable electric lamp, exactly harmonizing with the rest of the porch furnishings, is, apparently, an idea which is good enough to stay permanently in fashion.

FRESH LINEN IN THE SUMMER

Family Feels Sure of it Where There is an Electric Iron.

HEAT DOES NOT WORRY ANYONE

Little Electric Convenience Makes it Easy for Anyone to Iron and All Persons Are Pleased with it.

"I really do not know how I ever got along without an electric iron. It has been a part of the family for three years, now," said a housekeeper in East Cleveland the other day. "The warm days coming so early make me think of it."

Hundreds of thousands of electric irons are in use now and additional thousands are being sold daily. A majority of these sales are to the people who want them for a "part of the family," who want the coolest, quickest, cleanest way of doing their summer ironing.

Improvements in the heating elements used and the methods of placing them within the iron have made the electric iron very strong and capable of living a long and useful life with any family.

The family having much in the way of summer "festivities" in keep up and span invariably figures that \$5 (the standard price of an electric iron) is well spent when it buys an iron of which any member of the family can make a pet.

And if you have a baby—well, say, the electric iron is indispensable.

New Sales Manager.

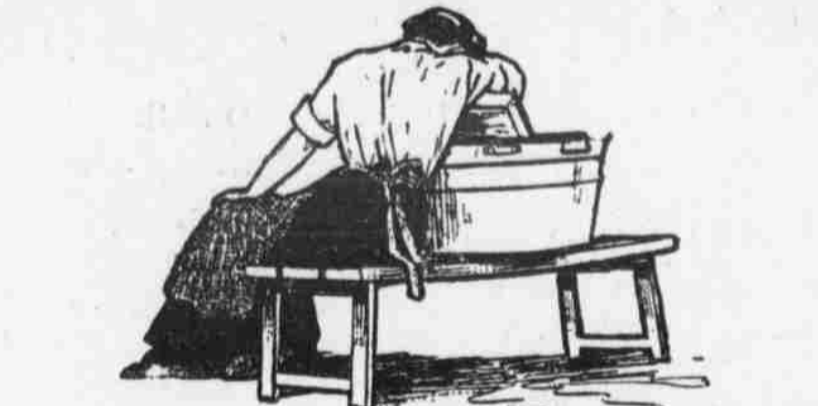
W. W. Garabrant has been appointed district sales manager for the Franklin Automobile company for the states of Nebraska, Kansas, Missouri and Oklahoma. He will make his headquarters at Kansas City.



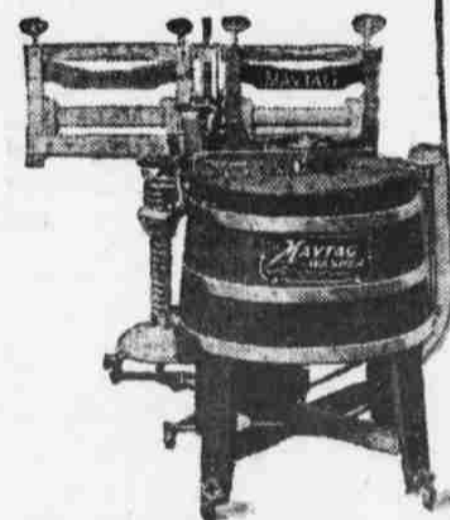
Omaha Electrical Works
Electric Elevator Repairs
and
Westinghouse Motors
108-12 N. 11th St. Phone Doug. 1181.

ADVERTISING IS THE ONLY WAY to get success in business. Someone once told a merchant: "You would better advertise now or the sheriff will advertise for you later." The sheriff did.

The Tale of the Wash Tub



In olden times Blue Monday was the cause of many a weary woman's worries. She bent her back from morn till night over a toilsome tub. Today she does the family washings in an hour—and a happy one, too—at but a fraction of the old cost, because she uses the



Maytag Electric Washer

Have you one in your home? They are the best, and stand up under every test. Investigate.

THE ELECTRIC SHOP
(WOLFE ELECTRIC CO.)
1810 Farnam St. Tyler 1414
"Wire for Us and We Will Wire for You."

PRICE \$55.00.

Good Taste in Light Fixtures for the Home

is as essential as in dress, speech or personal appearance. It is proof of an artistic sense—possibly of artistic superiority. **YOUR HOME IS ONE HOME** that should indicate your refined taste. There is nothing so indicative of your good choice as good fixtures. We design electric light fixtures to suit your individual taste and purse.

EXCLUSIVE, DURABLE, AND BEAUTIFUL DESIGNS.
BURGESS-GRANDEN COMPANY
PHONE, DOUGLAS 681. 1511 HOWARD ST.

An Extension Saves Stair Climbing

The telephone always seems to ring when you're on the floor where it isn't. An extra telephone set will bring the calls to you without a trip up or down the stairs.

An Extension Telephone is the Essence of Convenience.



NEBRASKA TELEPHONE COMPANY

DON'T FAIL TO GET A HOUSE THAT IS WIRED FOR ELECTRICITY
And Don't Fail to Have Us Move You Into That House
THEN YOU WILL BE SAFELY AND SATISFACTORILY LOCATED.
Storage, Packing, Moving
BEST FIREPROOF STORAGE IN THE MIDDLE WEST.
Omaha Van and Storage Company
804 SOUTH SIXTEENTH STREET. PHONE, DOUGLAS 4163.

Firms which are prepared to dispatch electrical repairing and installation work of all kinds; call by telephone

- WEST SIDE ELECTRICAL COMPANY Douglas 2275
- AMERICAN ELECTRIC COMPANY Douglas 1481
- M. J. CURRAN & COMPANY Douglas 3148
- THOMAS DURKIN Douglas 2519
- MID-WEST ELECTRICAL COMPANY Douglas 456
- LeBRON ELECTRIC COMPANY Douglas 2176
- E. C. BENNETT & COMPANY Douglas 3861
- OMAHA ELECTRIC WORKS Douglas 1181
- H. J. LANKTREE Tyler 1011
- WOLFE ELECTRIC COMPANY Tyler 1414
- POTH ELECTRIC COMPANY Douglas 5837

Expensive for Tramp to Saw Wood When Dinner is Too Much

An electrically driven wood saw is one of the latest devices to which electric motors have been applied. This wood saw, which is the invention of Fred W. Walters of Norfolk, Va., is said to cut a cord of wood, four pieces to the stick with one kilowatt hour of electricity. This is cheaper than any other method now being used by from 25 to 50 per cent, and cheaper than firing a boiler with free fuel.

The motor driving this saw is a five-horsepower induction motor, used so extensively in plants where individual drive is essential. This motor is found to be of ample size for the heaviest kind of work.

Progress on Great New York Aqueduct Being Rapidly Made

The work of building fourteen miles of grade tunneling, seventeen miles of pressure tunnels and six miles of steel siphons, sinking numerous shafts, some of them 1,000 feet deep, making fifty-five miles of cuts and constructing storage dams, on the Catskill aqueduct in New York, is being done almost wholly with electric power.

Excavation of the New York barge canal, which is to be one of the big engineering feats of the century, also has been done with electrically-driven machinery.

How Cities Are Protected.
The fear of lightning is almost universal, but the number of deaths caused by it is small. Dwellers in cities are even safer than those in the country, since statistics have shown that on the average, four-fifths of the deaths from lightning occur in rural districts. The innumerable electric wires, the many grounded water pipes and the metal roofs of cities are undoubtedly the chief elements of their safety in this respect.

ELECTRIC WIRING
That Can Be Depended Upon.
Electric Household Appliances.
LANKTREE ELECTRIC CO.
Tyler 1011. 308 South 18th St.

Summer Time Will Soon Be Here

There is more ironing in a week in summer than in a month in winter. So now is the time to take advantage of the

Special Offer to Our Patrons

Our regular \$4.00 Electric Flat Iron is now on sale for **\$2.75.**

If you have an old style electric iron that is not in good working order, or if you have any other old iron (it need not be electric) we will allow you **50¢** for it on the purchase price of a new iron up to JULY 1, 1913. This will enable you to secure a **\$4.00** iron for **\$2.25.**

An electric iron is the cleanest, handiest and best and can be used with comfort in any room at a very small cost.

A guarantee with every iron and we keep it in good working order without cost to you.

Telephone Contract Department,
Douglas 1063.

Omaha Electric Light & Power Company