

There's A Hot Time Coming

WE offer you a full line of direct or alternating current —ceiling, desk, bracket, oscillating and exhaust FANS, every one of them backed by a guarantee for perfection in material and workmanship and economy in operation.

WE make a specialty of small motors for direct connected machines, as Sewing Machines, Lathes, Grinders, etc.

WE handle the **SIMPLEX ELECTRIC IRON**; the highest quality in every particular and the standard of excellence in design, finish, efficiency, quick heating and durability. Also a full line of Electrical Cooking Utensils.

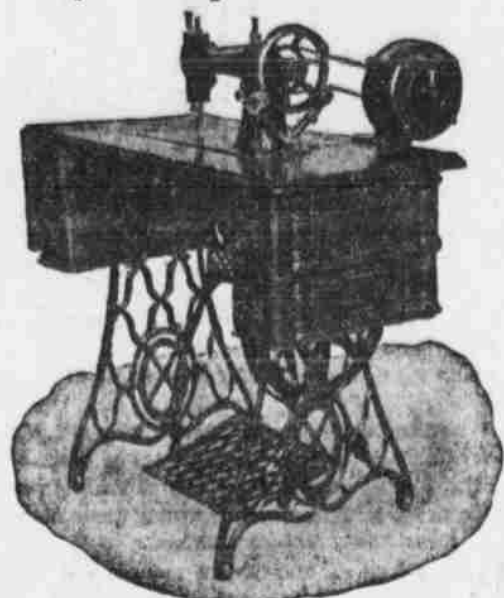
WE maintain a Consulting Department whose advise is free to our customers. If you have a special power problem, let us solve it for you.

Nebraska Electric Co.

SPECIALTIES:
Fans,
Irons,
Lamps,
Motors,
Heating
Pads.

1207 Harney St.
Omaha, Neb.
Bell Doug. 1408 Ind. A1258

SPECIALTIES:
Columbia Batteries,
Rubber Covered and
Weatherproof
Wires and Cables,
Tungsten and Incandescent Lamps.



HELPS FOR THE HOUSEWIFE

How the Current is Made to Serve Around the Home.

WOMAN GETS MUCH-NEEDED REST

New Ways of Cooking and Doing Other Stunts About the House Due to Knowledge of Electricity.

It is an oft-quoted remark that if George Washington could come back to earth in this latter year of grace and see the changes which have been wrought by science and especially by electricity in our mode of living, he would not believe his eyes. The telephone, telegraph, wireless, are lights, trolley cars and a thousand other inventions would give the conservative old gentleman a start which would probably send him back to his grave again.

But if it is true that all these innovations have made changes which really amount to revolutions in the life of the nation, especially in commercial life, and have made possible the growth of gigantic cities such as the father of his country never even dreamed of, it is equally true that if his famous wife, Martha Washington, could likewise be permitted again to visit mother earth, and should investigate modern American home life, she would be equally dumfounded by the many epoch-making changes which have taken place in the lives of the women of the land and in the arrangements and conveniences of the modern home.

The first of the First Ladies of the land had at Mount Vernon a home which was equal to any in America at that time, but



E. C. BENNETT,
E. C. Bennett & Co.

when she wanted supplies of any sort, there was no telephone with which to call for them. When night came there was no simple turning of a button to flood the house with light. There were only candles and these were made on the premises. Even a modern steel kitchen range had not been thought of, and if some prophetic soul had told the historic Martha that the time would come when a breakfast could be cooked in twenty minutes without flame, smoke or odor she would have thought the prophet crazy and let it go at that.

Wonders of the Modern Magic.
Yet such is the progress which has been made in adapting electricity to the conveniences of the home that the things mentioned have come to be regarded as among the A B C's of housekeeping and are thought no more wonderful than looking at a watch for the time of day.

The modern home equipped, as it may easily be, with all the conveniences and labor-saving devices of electricity, is a veritable house of marvels, and things are done every day which a few centuries ago would have been attributed to miraculous interference or witchcraft and would have subjected the owner to grave danger of a trial for connivance with his satanic majesty.

Such homes are becoming more numerous every year and a visit to one of them is well worth the time and trouble.

Even before the house is approached, if it be at night, the number may be seen, fixed in a transparency and lighted with a small electric bulb which makes it possible for the visitor to locate the place without trouble. At the door is the button, which when pushed causes an electric current to ring a bell and bring ready admittance.

Inside the hall more of the conveniences of electricity become apparent. Instead of the old-fashioned hanging lamp, cumbersome and dangerous, frosted bulbs are set in the ceiling and give a subdued light, grateful to the eye. A button near the front door controls these so that they may be lighted the moment one steps within the door or extinguished the last thing before going out. The lights in the various rooms are also controlled by switches in the hall, and if it is so desired other switches may be placed both upstairs and down and another button may be placed near the bed so that the house may be lighted at any hour of the night.

In the hall it will be also noticed that no wires are visible and that even the telephone shows no obtrusive connections of wires and cords. This is a feature which is due solely to a little planning, for the modern house is wired while in



W. F. YOUNG,
Brunswick Balke Collender Co.

the process of building and before it has been plastered. This item is not expensive and demands only a little forethought, which is well repaid by the improved appearance of the rooms.

The parlor will show little that is novel except in the arrangement and character of the lights, unless there is an electrical attachment to the piano to furnish music when the performers are indisposed.

Comforts of the Day.
Should the host take you into his "den"

It costs less than one cent



to remove every particle of dirt from your room.

Sweeper and Cleaner Combined

Cannot get out of order and anyone can operate it.

No Dust—No Noise

Our representative will call at your home and give a free demonstration at your request.

See it at the Electric Show Booths 1 and 2

Burgess Granden Company
Wholesale and Retail Gas and Electric Fixtures
AGENTS FOR THIS DUSTLESS CLEANER
1511 Howard Street

The Progress of Electricity

(Continued from Page One.)

able to produce. This principle has already been demonstrated in an experimental way by illuminating purified air in a glass tube, but the practical solution of this problem is undoubtedly the property of a distant future.

In the telegraphic world the last few years have wrought wonders that well-nigh border on the miraculous. It is not necessary to go into detail as to what has been accomplished by wireless telegraphy, in its present state it is employed to com-



J. B. ZIMMAN,
Omaha Electric Light Co.

mercial advantage far beyond all expectations and will without doubt increase its utility when secrecy of the messages can be better preserved. According to present indications this is a matter of limited experiments and wireless telegraphy will go into history as the chief accomplishment of the first decade of the twentieth century.

In the wire telegraph the last couple of years have developed an invention which, although uninteresting to the public, will play its large part and stands as a credit to the ingenuity of its inventor. This is the Barclay printer. To describe this machine it might be termed an electrically operated typewriter with the keyboard located, for instance, in Chicago, and the typewriter part, say, in Omaha, the two being connected by a wire. An operator manipulating the keyboard in Chicago causes the typewriter in Omaha to produce a printed message on a regular telegraph blank, ready for delivery to the addressee. The introduction of this invention makes it possible to transmit over one wire as many messages as formerly required three direct wires.

The up-to-date electrical engineer does not find much difficulty in keeping track of the various inventions or new features in the field of electricity. But where he frequently finds himself in a dilemma is in keeping posted on the kinds of current suitable for the various purposes and the different laws which govern them.

As an electrical inspector, I desire to say, in closing, that it is well for the public to understand that all service performed by electricity is not possible with one kind of current. In order, therefore, to accomplish the many and various results which electricity is called upon to produce, it is necessary to generate or secure the particular kind of current capable of producing the results sought. Therefore, when laws and rules for the safe installation of electric wires are changed from time to time, it is not because the authorities change their minds, but simply to provide adequate protection against new conditions brought about by the rapid and constant evolution of electricity. **WALDEMAR MICHAELSEN,**
City Electrician.

A Blind Man

can't see whether your letters are good, bad, or indifferent. But your prospective customers are not blind, are they? We'd like to furnish you with the kind of Typewritten Letters that will pass the inspection of a man that isn't blind. We make a specialty of Letters, and the fellow who receives one of them will have a guess coming if he thinks they are not the real typewriting.

We operate a department for filling in and addressing.

May we have your orders for Letters?



The Letter Man

Mangum & Company

Letter Factory

Auto Phone A-1885. OMAHA, 109 S. 15th Street

The Ceiling Lighting Effect at the Electric Show

was originated by

Edwin C. Bennett Co.

Electrical Contracting Engineers

550 Bee Building

The novelty and practicability of this lighting effect gives Omaha a lead over all other electric shows anywhere.

Electric Steel Conduit and Raceway Experts

Complete conduit system with electric wiring, designed and installed for light and power. Electric work by contract or percentage plan specification.

Believing that "a pleased customer is the best advertisement" we present below reference to a few of our satisfied customers.

We appreciate the continued favors of these and others, which we have in the past enjoyed, and endeavor to retain this good will as well as to gain increased patronage.

We Aim to Please

Here are a few of the contracts we have executed:

Public Buildings

- Burlington Depot, city.
- Burlington Headquarters Building, city.
- Hoagland Block, city.
- Wright & Wilhelm Building, city.
- Crane Company, city.
- Y. M. C. A., city.
- Burwood Theater, city.
- Conservative Building, city.
- New Methodist Hospital, city.
- New Wise Memorial Hospital, city.
- Nebraska-Iowa Grain Elevator, city.
- First National Bank Building, Grand Island, Neb.
- First National Bank Building, Cheyenne, Wyoming.
- Government [officers quarters], Fort Omaha.
- Government [Pole line court], Fort Omaha.
- Government [Administration Building], Fort Robinson, Neb.
- Government [officers quarters], Fort Crook, Neb.

Residences

- Henry W. Yates, city.
- J. M. Cudahy, city.
- W. H. McCord, city.
- H. D. Thompson, city.
- Ward Burgess, city.
- E. M. Gibson, city.
- T. J. Mahoney, city.
- Thos. R. Kimball, city.
- Mrs. T. L. Kimball, city.
- J. J. Hanighen, city. And others on application.

and the evening be chilly, a portable electric radiator, free from odor or dirt, will be placed near as a foot warmer. You will light your cigar on an electric lighter and from the depths of an easy chair you will notice that the shaded table lamp has no awkward hanging cord to cause accidents. The wiring runs from the floor through the table and if more light is desired in the room there are bulbs in the ceiling which may be lighted by a chain pull and turned off in the same manner. A late lunch is easily and quickly prepared with the electric chafing dish and coffee percolator, the wiring for both of these being brought up through the floor and not by means of the cumbersome overhead cords. The dangers and inconveniences of the old fashioned spirit lamp chafing dishes are also become a thing of the past.

If one is to spend the night in such a home and goes upstairs to sleep the conveniences of electricity still follow. The stairs are lighted by shaded bulbs and all the sleeping rooms and even the closets

have their lights of varying degrees of intensity. For the closets there are little 6-candlepower lights, which do away with the dangerous effect of the old fashioned closet. The mirrors and chiffoniers are furnished with side lights, each on a separate switch, so that either may be turned on at pleasure.

To warm the bed there is an electric heating pad, which is far and away an improvement on the old hot water bottle, as the temperature is always the same and

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