

**THE ALBUQUERQUE CITIZEN**  
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**An Electric Home**

Engineers say this will be an "Electric Year." Electricity is soon to operate all the railroads in and around New York City. It is sending the trolley car and the telephone to the remotest rural districts. The incandescent and other new styles of electric light is everywhere supplanting the old-fashioned gas or oil street lamp. And now the mystic current has begun to revolutionize conditions of living in homes.

The first "electric home" has just been completed in one of the cities of upper New York state. This home is equipped with almost every modern electrical device, and it is a veritable wonderland of marvels. The owner, H. W. Hillman, believes the time is not far distant when homes all over the world will be fully equipped with electricity for lighting, heating and power, as commonly as oil and gas are now used. The greater cleanliness, healthfulness, safety and convenience of electricity, as compared to gas, will, he contends, result in the universal use of electricity.

This remarkable dwelling has electric lights in every room, in every closet, in every dark corner. Instead of the conventional bell burglar alarm, Mr. Hillman has an electric switch next to his bed by pushing which he can instantly turn on every light in the house. This would terrify any thief more than a dozen revolvers.

In the sewing room, a machine run by an electric motor saves endless trouble. On a table by the machine is an electric flat iron, ready for use at any time. In this room there is also a telephone, and an electric radiator for auxiliary heating.

The dining room has an electric chaffing dish, a corn popper, a coffee percolator, and a luminous radiator. In the bed room there are electric heating pads, instead of the old-fashioned hot water bottles, which are always liable to burst and produce disaster. Here, too, are electric curling irons and flat irons.

The bath room is an astonishing place. An electric immersion coil heats the water, when the house furnace is shut down in summer. There is a little boiler to supply hot water quickly for shaving. Here, too, is an electric radiator—a device which costs but \$12, but which Mr. Hillman pronounces a great comfort when something is needed to take off the chilliness of the air. In this room there is also a massage motor which can be attached to an incandescent lamp socket and be operated by any one.

One of the great features of this "Electric Home" is the kitchen, where every particle of food cooked gets its heat from electricity. There is no kitchen stove, and all the devices for cooking rest on an ordinary wooden table. The outfit includes an oven, cereal cooker, frying pan, vegetable broiler, gridiron and meat broiler. The oven has a regulating switch for securing high, low and medium grades of heat, by a turn of the handle. In size it is about the same inside dimensions as the old style kitchen stove, or later designs of gas ovens. A novel feature of this oven is two glass windows in the door, through which meat or bread may be seen cooking, without opening the oven. This arrangement is secured by placing an incandescent lamp in the back of the oven.

The electric gridiron is 9 inches by 12 inches in size. It requires but a couple of minutes to get it hot, after which the most delightful brown cakes may be cooked in a most convenient manner. The meat broiler is equally pleasing to handle, being regulated by the switch for two or three heats, as may be desired.

The cereal cooker is a four combination device. The first operation in the morning is to use it for heating water for coffee; combination two is to use it as a cereal cooker; combination three is to use it for boiling eggs; combination four permits of steaming potatoes, using the perforated potato steamer. This device may be used consecutively for all four combinations.

As to the cost of using this form of heat, Mr. Hillman thus describes his experience:

"Until a few years ago the electric lighting business was confined to the operation of electrical machinery at night. There was a most limited use for it during the day. During the past few years, however, the introduction of electric motors for all kinds of power has created a demand for operation twenty-four hours per day. The outfit is used a great deal during the day time.

"The lighting company is glad to have me use electricity so extensively, especially considering when it is used, and for this purpose makes me a special price. During the past two years I have paid them about \$110 per year for electricity for lighting and heating, as compared with the average electric lighting bills of about \$30 to \$35 per year.

"My bills for the electric heating circuit have been between \$6 and \$7 per month. For gas and coal together my bills formerly amounted to \$6 per month. No effort whatever has been made to economize during any month for two years."

The laundry in this marvelous home is also fully equipped with electricity. There is no soot and no ashes, no unbearable heat in summer.

"For ten years," says Mr. Hillman, "the coal range had done duty for our washing and ironing. Then we used a gas range for six years, though we used a coal stove for wash days. The common objection existed as to the heat from the stove during the hot days, and the taking of many steps from the stove to the ironing board, it being natural to get as far away from the stove as possible, to avoid the fumes and heat. It cost from 9 to 15 cents for the coal consumed.

"The electric iron has now been used by us for twenty-six months, and represents a most popular article. It costs about \$3.75 to purchase, the ironing is finished more quickly and handled more comfortably, on a hot day; it saves space and the operating cost for the same work is about 12 cents."

"In our experience with electrical devices, the coal range continued to be necessary until superseded by a special electric wash boiler. This was 12 cents per week or 48 cents per month more expensive than the coal range. The latest and best arrangement, however, is the washing machine, operated by an electric motor, which we are about to install."

The Hillman house will not long be the only one of its kind. Others are already being built and additional electrical contrivances are being invented almost every day. Among the latest of these time, labor and saving devices are the electrical refrigerating machine and the furnace regulator.

The refrigerator attachment is an automatic affair, which will keep down the temperature in the ice box to any degree, for the motor starts to work as soon as the thermometer in the refrigerator gets above a certain point. The furnace regulator is also devised to keep the temperature at a fixed point, by opening and closing dampers as the rooms get too cold or too hot. A thermometer and again the electric current are the implements by which this feat of domestic wizardry is performed.

**Same For Albuquerque**

Lake Arthur Times: "Now is the time to plant shade trees and get your lots in good condition." This the Artesia Advocate fully endorses.

New Mexican: "This advice is also applicable to this city, although this town is 300 years old, and Artesia is but a few years of age. It is high time that this city catch up with the procession in beautifying streets, avenues and alleys within its limits."

Silver City Independent: "This is the season of the year to plant trees and shrubbery, beautifying your homes and adding to the appearance of the town, generally."

What is Albuquerque doing?

The county treasurer at Cincinnati not only admits he has been getting graft from the banks for depositing the public funds in his own name, but is wounded at the suggestion that the money doesn't belong to him. No use talking, excavations in 2807 will disclose a lot of ossified consciences on the site of Cincinnati.

**RED CROSS FOUNDER.**



Geneva, March 3.—Henri Dunant, the founder of the Red Cross Society, is dying at his home, near Lake Constance. Dunant spent his entire fortune on the Red Cross.

The Red Cross Societies are the result of an agitation begun by M. Jean Henri Dunant, after he had advanced to witness the battle of Solferino, on June 24, 1859. The great suffering of the wounded soldiers and the inability of the surgeons to care for the thousands who lay helplessly on the field, greatly affected the philanthropist, and he published a book which vividly described the horrors of war and suggested the formation of societies to train nurses to assist upon the battlefield and in military hospitals.

An agitation was immediately begun, and at the international conference in Geneva in August, 1864, the Geneva convention was indorsed and fourteen nations formed Red Cross Societies. The number has now been increased to forty-three.

Dunant spent his entire fortune on this work and has since been living on a pension, given him by the empress of Russia; and his share of the Nobel Peace prize, which he received in 1901.

**ROOSEVELT RESERVOIR.**

In the land of mystery, of lost races and hoary ruins, in the warm and sunny valley of Salt river, we find one of the greatest engineering works in the world now well under way. Many miles above the valley, in what was once an almost inaccessible region, peopled only by the murderous Apache and the old-time outlaw, the Salt river and its tributary, Tonto creek, emerge from the canyon and flow across a broad, level flat. Here 2,000 men are at work, erecting the Roosevelt dam, which is to be one of the highest in the world, exceeded in height by only one other, and that also a structure of the reclamation service. The Roosevelt dam will be of uncoursed rubble masonry (sandstone and cement, with arch upstream). It will be 800 feet long on top, 235 feet at river bed, and its contents will be 300,000 cubic yards. It will rise 284 feet above the lowest foundations, and the height of the water against the dam will be 230 feet. A power canal eighteen miles long, with a drop of 220 feet, is now being utilized to furnish 4,000 horse-power in constructing the works.

When the reservoir is completed, the water will flow in the river channel for forty-four miles, and then be diverted, by means of canals, to the irrigated lands. In the construction of the dam, 240,000 barrels of cement are required. The question of cement was not the least of the problems which troubled the minds of the engineers. The location of the dam site—sixty miles from a railroad—and a tendency on the part of cement manufacturers to put as high a value on their product as they thought it would bear, offered a problem which nearly stumped the engineers. The first bids were \$9 a barrel, making the item of cement a matter of more than \$2,000,000 alone. Then it was that the engineer with the geological bump got busy. A hasty reconnaissance of the near-by country disclosed the fact that a ledge of white limestone outcropped just above the dam site, while hills of blue clay were within a short distance. Notwithstanding the vigorous protests of cement manufacturers, and their offer of cement at about half the price of the former figures, the Secretary of the Interior authorized the building of a cement mill. This mill has been in successful operation for several months, and is turning out 250 barrels of first-class cement every day, at a cost which will save the settlers of the Salt river valley more than \$1,000,000 on the price first offered by the trust.

The question of supplies was an important one, and to meet the conditions a wagon road was constructed, the cost of which the municipalities of Phoenix, Mesa and Tempe contributed \$75,000. This road was constructed by the government engineers, and not by contract, and is one of the most spectacular pieces of engineering in the west. For more than forty miles it is in the canyon of the Salt river, many miles having been blasted from the precipitous walls. The day laborers were mostly Apache Indians, remnants of Geronimo's band. The road opens up a new region of beautiful scenery, and when the great dam is completed, the Tonto reservoir and the Roosevelt dam will attract the transcontinental visitor. The reservoir created by the dam will be one of the largest artificial lakes in the world. Its capacity will be ten times greater than the Croton reservoir. It will contain more water than is stored by the Assuan dam. One million four hundred thousand acre feet, enough water to cover that many acres a foot deep, will be held in this basin until needed by the farmers in the valley below. At the present time, in the lowest part of the reservoir site, is a thriving city, called Roosevelt, with a population of nearly 2,000—a city with electric lights, water works, school houses, stores and churches, which will be submerged more than 200 feet when the dam is completed. Ten thousand horse-power will be developed from the dam, and from drops in the canals, all of which will be utilized to pump the underground water of the valley to lands above the gravity systems.

**SANATORY FOOT BALL.**

The New Zealand champions of Rugby foot ball have taught Americans a lesson. They have demonstrated that life and limb may be preserved without loss of any essential feature of the game which has become so great a factor in college athletics. On the contrary, the two games played between the New Zealand and British Columbia teams, played in California, proved conclusively that Rugby foot ball affords a better medium for the development of strength, agility and endurance than the American game, in which fifteen men were killed and an infinitely greater number permanently injured last year.

Whether the Rugby game is adopted by American colleges as a substitute for the present form of play or not, there is much food for thought in the remarks of Manager John McDonald of the British Columbia team. He says: "In English colleges the object is not so much to win the game as to develop, properly, the constitution of the player. The English collegian is more of an all-around athlete than his American brother. The man who plays foot ball in winter, devotes his time to cricket in summer, and between times, perhaps, takes up tennis, rowing, or other sports. Thus, his muscles are evenly developed, and, when, after graduating, he takes up business or professional life, he has a healthy, equally developed body, without an overtrained muscle or nerve."

"Here, in America, the college thiete usually devotes himself to one class of sport and strains himself to the breaking point for pre-eminence. As a result he overdevelops one set of muscles at the expense of others, and quite frequently leaves college with some chronic disability."

"Statistics show college graduates are the healthiest class of men in England. In America, this is far from being the case."

The American tendency to overdo has, often before, been censured, with justice, by men of foreign birth. We have been called "a nation of dyspeptics," because we eat too fast, work too fast and sleep too little. Perhaps as has been urged in vindication, our leadership among nations is due, in some measure, to this racial proclivity to "burn the candle at both ends," and outdo in enterprise, quick thinking and quicker application of thought all other peoples. Yet, sanity and moderation are, after all, the greatest components of success, and in no channel of our national activity is reform more necessary than in the nerve wrecking, life endangering strenuousness of American college sport, of which intercollegiate foot ball is the most virulent example.

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CHURCH, CLUB AND SOCIAL GATHERINGS

The Ladies of the Grand Army of the Republic will give a St. Patrick's social Saturday, March 17.

The Ladies of John A. Logan Circle No. 1, Grand Army of the Republic, held a pleasant social meeting at the home of Mrs. Hugh Allison, yesterday afternoon.

The Highland Methodist church home mission ladies will give a pink tea March 8, at the home of Mrs. Triplett, 1192 South Edith street, from 2 until 5 o'clock p. m.

It is understood that the local order of Eagles will in the near future give a smoker, at which time a fistie go between the local middleweight prize fighter, Jack Lawson, and the colored aspirant, Pettus, will be pulled off. Arrangements however, have not been completed for the mill, as yet.

The Company G Social club, organized some weeks ago, decided at last night's meeting to give a dance in the armory, for club members and their lady friends, some time after Lent, probably directly after Easter. The arrangements have not been fully completed as yet, nor the exact date decided upon.

Last night, at the closing of the Candelaria school, in that district, a patriotic demonstration and program was rendered by the pupils of the school, who had been especially trained for the occasion by the teacher, Mrs. Harriet Winston. County Superintendent Strop and a large number of the parents of the pupils, together with a number of other visitors, were present to witness the exercises. The boys and girls were attired in red, white and blue costumes and amidst surrounding of American flags, sang patriotic songs, rendered patriotic recitations, and observed the flag of their country, thus making the present closing exercises of this school one to be remembered a long time by those attending.

Church, Club and Social Editor:—On Tuesday evening, last, the Fraternal Brotherhood gave one of their open meetings at their hall in Elks' Opera House. After a short business session, at which fifteen new members were initiated, they opened their doors to their guests and rendered the following program: Short address by Organizer Dr. I. McLaughlin; vocal solo, Frank Colthard; mandolin and guitar duet, E. I. Johnson and Charles W. Chadwick; band selection, "E. I. Johnson; vocal solo, P. A. Anderson; short address by Dr. Patchin; after which the time was devoted to dancing and card playing, the music being furnished by the Fraternal Brotherhood orchestra. The prize winners at the card games were Mrs. Hye Albers; first prize, a hand painted vase, the consolation prize, a fancy bowl, being won by Mrs. Strain. A MEMBER.

**WHERE TO WORSHIP**

St. John's Episcopal Church—Corner Fourth street and Silver avenue. Holy Communion 7:30 a. m., Sunday school 10 a. m., Holy Communion and service 11 a. m., evening prayer and service 7:30 p. m. All seats free. A. G. Harrison, rector.

Lutheran Church—Corner Silver avenue and Sixth street. Sunday school 9:45 a. m., service, German, 11:00 a. m., service, English, 7:30 p. m. Business meeting, to extend call to pastor, 12 noon. G. Wenning, pastor.

Congregational Church—Rev. J. W. Barron, pastor. Morning service at 10 o'clock. Tropic of sermon, "Jesus, the Christ." Sunday school at 9:45. Y. P. S. C. E. at 6:30. Evening service at 7:30. The pastor will speak on "The Place of Evil in the Development of Character." Special music at 6:30 services.

Christian Church—Opening services tomorrow in the new building at the northeast corner of Gold avenue and Broadway. Rev. J. H. Garrison, of St. Louis, will preach at 11 a. m. and 7:30 p. m. At 3 p. m. there will be a fellowship meeting at which the ministers of the city will speak. A most cordial invitation given to all.

First Presbyterian Church—Services at Elks' Opera House. Sunday school 9:45 a. m., public worship 11 a. m., and 7:30 p. m., conducted by Rev. Warren H. Dinkus. Junior Christian Endeavor 3 p. m., Christian Endeavor 5:45 p. m. A cordial invitation is extended to every one, to attend the services of this church.

First Methodist Episcopal Church—Rev. J. C. Rollins, pastor. Sunday school at 9:45. Morning worship at 11 a. m., with sermon by the pastor. Subject, "The Warrant for the Future." Prayer league at 3 o'clock p. m., Epworth league at 6:30. Leader, Mrs. J. R. Poulks. Evening services at 7:30. The pastor will preach on "The Tragedy of Unbelief." There will be special music at both services. Strangers are cordially welcome. The church is located on the corner of Lead avenue and South Third street.

First Baptist Church—The Sunday school hour is from 9:50 to 10:50 a. m., and will be devoted to a devotion service led by the acting pastor, Mr. Kelley will give a railroad talk upon the subject, "The Conductor, the Control and the Destination." The subject for the morning sermon will be "The Immortality of the Soul," and of the evening service, "A Person's Hold on the Future of His Colored Spectacles." Strangers in the city are cordially invited to make the Baptist church their church home. The special music for tomorrow's services are as follows: Morning anthem by the choir, "Rock of Ages," as arranged by Dudley Buck. Mrs. Gibson will sing a solo, "My Redeemer and My Lord," also written by Dudley Buck. Evening, Mr. Kelly will sing a solo entitled, "My Mother's Prayer."

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