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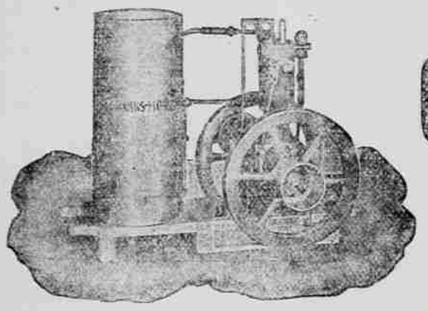

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EZRA W. THAYER

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EUROPEAN TOUR OF DR. CHANDLER

One of the Last Visitors of Crumbling Campanile

Observations on the Irrigation System of Italy—The Things That May Be Accomplished in the Salt River Valley.

Dr. A. J. Chandler, who with Mrs. Chandler returned last Monday from a European tour, was in the city yesterday. He left here about the middle of May, intending at that time to go no further than New York. His business there was to buy additional machinery for the pumping plant of which he is the manager, but after his arrival in New York he found he had two or three months on his hands and it was then that he decided to go to Europe. He sent for Mrs. Chandler and they sailed from New York about the first of May. They first visited Scotland, where Dr. Chandler had several acquaintances who are financially interested in the Consolidated Canal company. After that he went to England, visited London and other English cities, and then crossed to the Continent. He spent some time at Paris. After that he went to Lucerne, Switzerland, and then to Milan, Venice, Verona and other cities of northern and central Italy.

The readers of The Republican will remember the falling of the campanile of St. Mark's a little more than a month ago. Dr. and Mrs. Chandler were at the top of that mighty and historic tower two days before the collapse and they were still in Venice when it fell. The tower was 325 feet high, and that it did not involve the cathedral and the Doges' palace in its ruin was regarded as many days. The cause of the collapse is not yet understood, for engineers had comparatively recently pronounced the structure sound. It was struck by lightning a few years ago, and it is thought that it was weakened then. Not long ago an eminent engineer warned the authorities that the tower was dangerous and he sought to have an arrangement made for its strengthening. Other engineers said that his fears were not so well grounded as the tower and he left the city heartbroken, predicting the downfall of the ancient edifice.

The foundation was found to be in very good order, but the brick work of which the tower was made crumbled and gave way under the immense weight. It was built of two walls of brick, between which was the ascent. There was no stairway but a gentle incline from one corner to the next winding to the top of the tower.

The day before the collapse there was some warning of its dissolution. The warning grew so the afternoon that when the fall came the vicinity had been vacated.

What interested Dr. Chandler more than antiquated towers was the irrigation system or rather the systems of Italy. The country is by no means an arid one, yet the rainfall is extensively supplemented by irrigation. The water is poured down from the Alps in thousands of never-failing streams, which are turned together into canals and spread out over the land. Irrigation is one thing in Italy and another in the United States. But the effect on the land is the same everywhere. The doctor was enabled the better to study the systems by reason of credentials he had been given at Washington introducing him to the authorities of the countries he expected to visit.

The value of the Alps to Europe, the doctor says, can hardly be realized. They furnish an inexhaustible supply of water for irrigation and limitless power for all kinds of enterprises. The governments within which they lie or which adjoin them have long understood what the people of this country are beginning to learn, the advantage of the protection of watersheds. For many years reforestry at great expense has been going on in the Alps and dams have been constructed everywhere across gullies to lessen as far as possible the effect of erosion.

Concerning the irrigation situation in this valley which has been hardly developed the doctor is quite hopeful. He believes that whatever the requirements of the government may be in regard to the canals they will be easily met. He does not think that any opposition will be encountered in the canals on the south side, and he can not see why there should be opposition anywhere. It will be, in his opinion, easy for the water users to acquire the ownership of them. All the present owners would ask would be to be reimbursed or to be made sure that the latter of their investments would be paid.

As to the reservoir, he believes that one of the greatest benefits to be derived from it will be the development of water power, upon which Mr. Murphy touched in his address last Saturday. There may be times when even with a reservoir there might not be water enough to meet the needs of the valley, but there is an inexhaustible reservoir under the valley, and there would always be water enough in the reservoir to furnish power for the raising of it to the surface.

The power plant which Dr. Chandler is operating is furnishing 250 kw. daily. After an absence of four months in the dryest season the valley has known in recent years he finds that the water level of the underground reservoir has not been lowered. That reservoir will be always available. The machinery he has ordered will be put in operation by the first of next year and several new wells will be sunk.

He is the more hopeful of his project not only because the success of it has been already demonstrated but by reason of the probability of the construction of the Tonto basin reservoir which will greatly lessen the expense of pumping when pumping might be necessary. Then by means of pumping systems throughout the valley water could be developed for every acre in it, something that is not contemplated in the storing of water for irrigation alone. What could also be developed for regions which for topographical reasons could not be served with water from the reservoir.

Dr. Chandler said that much had been heard of the arid southwest in Europe, and during his visit he had many inquiries about the country. The interest there has been reflected in the United States, so that more attention will be paid to this region by people who live nearer but have neglected a rich region immediately under their noses.

Dr. Chandler spoke of melon growing as one of the great possibilities of the valley with an adequate water supply. It is only one of many, but still very few even of those who have been engaged in the melon growing business here realize how great it might become. While he was in Chicago he talked with dealers who had had something to do with the cantaloupes which had been raised this year on the company's property on the south side by means of an abundant water supply at a time when the fruit required it, in order to be brought to the best state. The dealers told him that nothing finer could be raised anywhere in the United States, and that since they could be put upon the market so early they would command the producers' price. He said a carload of Salt River valley cantaloupes was worth as much as a carload of California oranges. The melon business at fancy prices would not last more than a month, but at 4 a acres of ground would produce in that time as much as 200 acres, if the melons were properly marketed, as one of the great citrus groves of California in a whole season and at the great expense which attends the growing of oranges.

LEFT THE COUNTRY.—A. R. McCrosky, who used to map the Indian reservations here, is now located in Los Angeles, where he has gone in the claim business. Mrs. McCrosky returned here yesterday from Los Angeles to dispose of all their property here and their household goods. Mr. and Mrs. McCrosky expect to remain in the future in Los Angeles.

GLENDALE FLOODED.—Cave creek was on another rampage Tuesday and yesterday, and the country around Glendale had another general soaking. The water poured out of Cave creek on to the desert, making a lake of a large section of the country. The engineers of the Arizona at Glendale telephoned to the company's office here Tuesday night that the canal at mile-post 6 had broken and the water was pouring out and flooding the country. A force of men were sent out last night to repair the break in the canal.

Long Experience, Remarkable Cures of Diseases and Weakness of Men

The experience of a Specialist Worth Having is invaluable to the afflicted. 25 Years' experience and cures followed by testimony of well-meaning patients. It never yet happened that the record of your case is on file with us. Our experience in chronic diseases is unequaled. Our success in cases of weakness of men is unparalleled. Our cures are permanent. Our methods are strictly honorable and confidential. Our charges are reasonable. Our cures are guaranteed. Our patients are cured at home. Our medicines are sent everywhere. Our cures are permanent. Our success is unparalleled. Our patients are cured at home. Our medicines are sent everywhere. Our charges are reasonable. Our methods are strictly honorable and confidential. Our experience and cures followed by testimony of well-meaning patients. It never yet happened that the record of your case is on file with us. Our experience in chronic diseases is unequaled. Our success in cases of weakness of men is unparalleled. Our cures are permanent. Our patients are cured at home. Our medicines are sent everywhere. Our charges are reasonable. Our methods are strictly honorable and confidential. Our experience and cures followed by testimony of well-meaning patients. It never yet happened that the record of your case is on file with us. Our experience in chronic diseases is unequaled. Our success in cases of weakness of men is unparalleled. Our cures are permanent. Our patients are cured at home. Our medicines are sent everywhere. Our charges are reasonable. Our methods are strictly honorable and confidential. Our experience and cures followed by testimony of well-meaning patients. It never yet happened that the record of your case is on file with us. Our experience in chronic diseases is unequaled. Our success in cases of weakness of men is unparalleled. Our cures are permanent. Our patients are cured at home. Our medicines are sent everywhere. Our charges are reasonable. Our methods are strictly honorable and confidential.

Nervous Sexual Debility, Syphilitic Blood Poison, etc.

CANCERS AND EXTERNAL GROWTHS REMOVED WITHOUT THE KNIFE OR SEVERE MEASURES.

Dr. Hibbard

Hibbard Building, 26-28 South Second Avenue, Phoenix, Arizona.
HOURS: 10-12-1-3-6-7.

PHOENIX BAKERY BREAD

A loaf of our Bread will please you and do you good. It's a body builder. It satisfies that hungry feeling which affects the vigorous; it tones the appetite and builds muscular tissue; it is sweet and wholesome, the best 5 cents worth you ever bought.

Phoenix Bakery and Confectionery
HOWARD TISDEL, Prop.
7 West Washington Street
Established 1881 'Phone 891

Some Laundries

not only wash the dirt out of collars but they make them look well, wash like clothes. But there are laundries and laundries. We are in a class by ourselves. We know how and mean.

We can wash and iron any article of wearing apparel so as to get things clean, but also not to injure the fabric or wrench off buttons.

Ladies' Shirt Waists a Specialty
Years for good work and prompt delivery.

Arizona Laundry, Corner Adams and Third Sts. 2081 Phone

You Get What You Ask For

You Get What You Ask For AT

Bear's Drug Store

Opposite City Hall

Our Mail Order department is growing. Send us your orders.

THE WAKELIN GROCER COMPANY

We are showing the largest line of high grade coffees in Phoenix. Our line consists of

SPRAGUE WARNER'S RICHELIEU
in six grades.

SCHILLING'S BEST COFFEE
in four grades.

CHASE & SANBORN
in four grades.

J. A. FOLGER & CO.
in three grades.

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CLUB HOUSE COFFEE IN MOCHA AND JAVA

JAS. HENRY & CO. IN FIVE GRADES

HILMAN & BENDEL IN THREE GRADES

The Wakelin Grocer Company

JUST TO REMIND YOU

RIGHT EATING, more than anything else is the great secret of getting on in the world and getting happily. The dyspeptic isn't usually much of a success. His stomach demands so much thought that he is unable to think very much either of his business or his friends. His business therefore isn't likely to be pronounced success and his friends are those of the forgiving kind.

Proper food ought to give the proper nourishment to all parts of the human body without giving distress. Whole wheat contains such nourishment and in such proportions that the healthy person can eat it "without realizing he has a stomach."

If the stomach has been injured by improper food it requires a tonic. Barley malt is the best natural tonic.

"FORCE" is composed of the whole wheat and barley malt scientifically combined in just the proportions needed by the human body.

It is delivered to you in the form of a sweet, crisp, delicate flake of exquisite flavor and is ready to serve.

Ask the grocer about it.

Goldberg Bros.

Exclusive Men's and Boys' Outfitters

Sale Positively Ends Saturday, August 16th

Never in the history of this house have such generous offerings been made. A glance at these bona fide reductions will tell the bargain story. We do not deem it necessary to comment on the the character of our goods: regular patrons know them to be of the highest order—above criticism in every respect. The following prices are for today:

An assorted lot of Boys' Blouses: some are fancy, while some are in plain colors. All have sailor collars and handsomely trimmed. Most of 'em are the $1.25 quality. Special sale price, 50c each.

A lot of odds and ends in Nainsook and Twill Shirts and Drawers, most of them worth 75c a garment. If we have your size you can have them at the special price of 25c a garment.

50c and 75c Balbriggan Underwear 40c
75c Nainsook and Twill Drawers, Scriven's patent, 35c
50c to 75c Stanley Shirts 40c

100 Golf Shirts 55c
White Silk Handerchiefs, plain or with initial, 20c
Celluloid Collars 5c
1-ply Linen Collars 5c

35c Working Gloves 20c
10c Seamless Socks 4 pair 25c
25c Embroidered Socks, many colors, 10c pair

Men's 50c and 75c Suspenders 40c

$2.00 FEDORA HATS, in brown, black and pearl felt $1.35
$2.50 SOFT FELT HATS, soft crowns and stiff brims $1.00
50c STRAW HATS 15c
75c STRAW HATS 35c
75c COWBOY HATS 35c

Men's $2.50 Fedora Hats, $1.00

$1.50 Canvas Shoes $1.15
$3.00 Canvas Shoes $1.50
$2.50 Canvas Shoes $1.55
$2.50 Black or Tan Calf Vici and Colt Skin Shoes $1.85

$10.00 Flannel Suits $6.95
$7.50 Flannel Suits $5.65
$5.00 Crash Suits $2.50
$1.50 Kahki Pants $1.15
$1.50 Crash Pants $1.15
$6.00 Crash Suits $3.00

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S. J. TRIBOLET, Prop.
114—120 E. Washington St.
Opposite City Hall.
Telephone 61.

Choice Meats

What our appetite craves during these hot summer months is something cool, refreshing. So order a

Nice, Juicy, Cool, Luscious WATER MELON.

Right out of the cold storage, delivered to you COLD AS ICE any hour of the day.

Get Ahead of the Hot Season

You can bid defiance to the heat by having an electric fan put in position. It doesn't cost very much, either. If you haven't one, we can fix you up in a short time, at the least expense. We're general electricians and do all classes of work in our line in the most thorough manner. We now have a full line of electric heating apparatus. Come in and see them.

Phoenix Light and Fuel Co.
Cor. 1st. Ave. and Jefferson St.
Tel. 2401.

How We Do It

Customers often ask us how we find buyers for such a lot of woolens as we have in stock. We believe we have to thank our customers for the size of our output. All our buyers are advertisers. They tell their friends and neighbors, and that is the way it goes. New goods are coming in daily.

NICHOLSON

The Reliable Pioneer Tailor.
43 WEST WASHINGTON ST.
Established 1889. Telephone 2965.

FANCY HOSIERY

Nowhere in town will you find as large and varied a collection of fancy hose as here.

We make a specialty of high-class hosiery at all times, and the newest arrivals are decidedly handsome. Priced from 25c up to $3.00 the pair, there is certainly variety enough here for everyone.

All Sizes for men, women and the little folks.

very special values in wash goods this week

NEGLIGEE SHIRTS

That are just as cool as they look. We can fit you as well as if making to order.

Our stock of these shirts is almost unlimited, and we can give you your favorite color and correct size. These shirts are

JUST THE THING FOR HOT WEATHER

Drop in and see our line; any size you wish.

50c, 75c, $1, $1.25 and up.

M. Goldwater & Bros

"THE BEST ALWAYS"