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#### PROFESSIONAL CARDS.

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L. CLEMENTS, 9 DENTIST, directly opposite the Post Office, Wellington Street. Established in Kingston,

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Ford's Block, Brock Street, Kingston. ## Money to Loan. JOHN HERALD, M.A., M.D., C.M., (Successor to Late Dr. McCammon), Physician, Surgeon, &c. Office-Montreal

Street, between Princess and Brock Streets. WM. NEWLANDS, JR., ARCHITECT, corner of Brock and King Street' over Wade's Drug Store. Entrance on King Street, next to the WHIG Office.

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Dentistry. Office-Wellington Street, between Princess and Brock Streets. Particular attention paid to the preservation o the natural НОМСЕОРАТНУ.

C. L. Curtis, M.D., successor to Dr. Jarvis,

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nearly opposite the Post Office, Wellington Street. Calls in the city or country promptly

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McCAMMON BROS., KINGSTON HORSE EXCHANGE, Livery and Boarding Stables, corner of Brock and Bagot Streets. A new and stylish outfit of vehicles and a stock of excellent horses. Charges moder-

NEW LIVERY. THE undersigned wish to inform the public that they have fittedsand opened a LIVERY IN CONNECTION WITH ST. LAWRENCE HOTEL, on King Street.

First class rigs will always be on hand on the shortest notice. ELDER BROS., Proprietore

## TO BUILDERS.

## FINE CITY HOME.

The Undersigned offers for sale that DESDR ABLE HOUSE AND LOT now occupied by him on Earl Street. The whole is offered in one block, having about one hundred and twent feet frontage on Earl Street, and the Upper Lo runs through to West Street. The HUILD-INGS on the property are almost new, and the garden is planted with the choicest fruits. For Aug. 9. THOS, MOORE.

EDWARD CHATTERTON,

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Having removed my shop to KING STREET.

near Princess St., I am now fully prepared to enter upon engagements in any line of building which may be desired on short notice and in Custom Planing, Hand-sawing, Scroll Saw-

ing, Shaping, promptly attended to,
I am also prepared to furnish Sash. Frames,
Moulding, and all descriptions of house furnish EDW. CHATTERTON.

GEORGE CLIFF. The General Real Estate Agent.

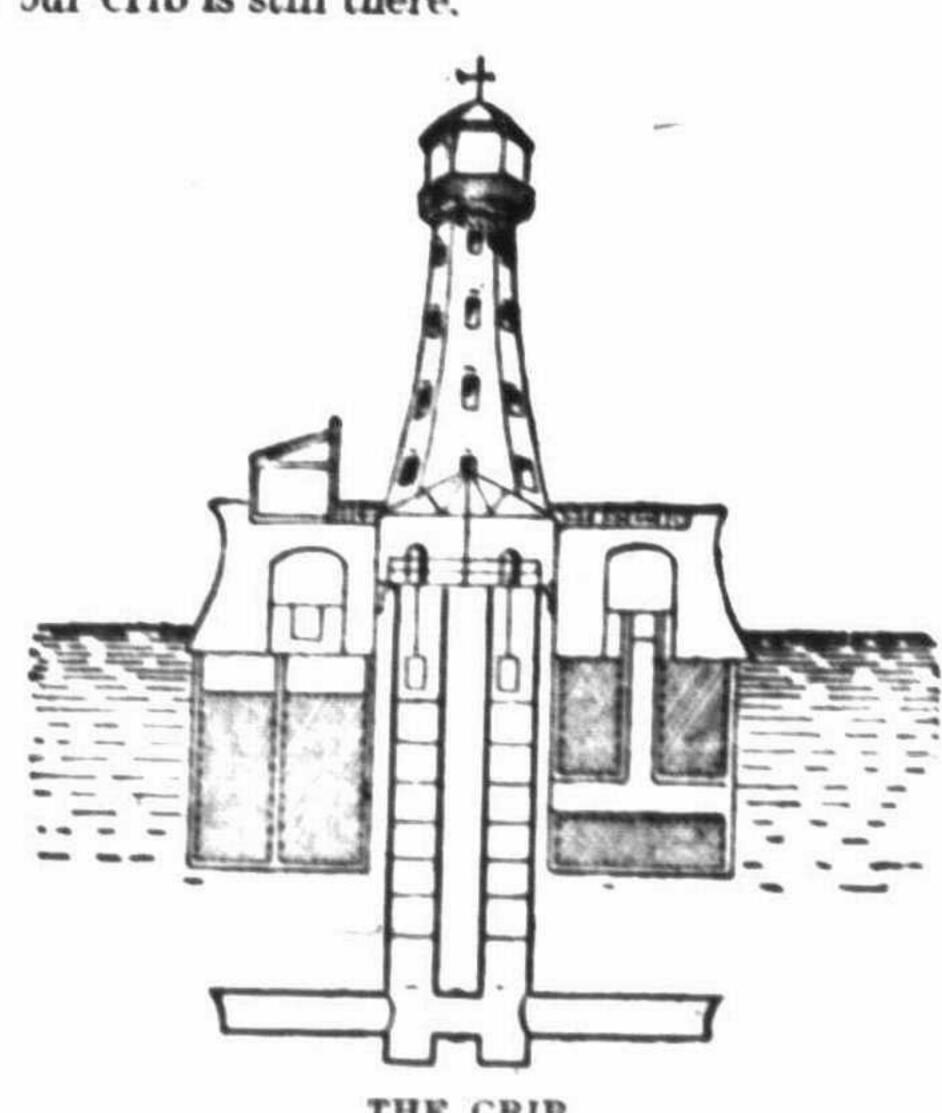
HOUSES TO RENT. . TENANTS FOUND. Building Lots, Farms, &c., bought and

## CHICAGO'S WATER WORKS

HISTORY AND DESCRIPTION OF A BIG ENGINEERING WORK.

Aqua Pura Pumped from the Lake Into the Big City of the West in Enormous Quantities-Still More Water Needed.

[Special Correspondence.] CHICAGO, Jan. 31.—Twenty years or more ago Chicago tapped Lake Michigan with a tunnel, five feet in diameter and reaching two miles from shore. Later on a second tunnel, seven feet in diameter, was dug alongside the first one. Of course, there had to be something out in the lake to protect the ends of the tunnel from ice and for the shafts to find lodgment in. So the engineers constructed a big structure on shore, a great five-sided concern as high as a four storied house, built of the heaviest timbers, and strengthened with 200 tons of iron bolts. When completed they towed the ungainly thing out into the lake and, locating it at the ends of the tunnels, threw thousands of tons of rocks into the compartments provided for that purpose, this weight causing it to settle to the bottom. There it has stood ever since, through wind and storm. This is the water works crib, which every visitor has pointed out to him as he rides along the shore. Of course there is a keeper of this crib, a man who lives out there all the year round with his family. It is not a pleasant place to live in winter. The old crib has a habit of quaking in a storm which must be trying to the nerves of its denizens, and the grinding of ice against its sides often makes a roar exceeding in hideousness that of a Chicago political convention. At such times the crib appears to one stationed upon it to be an immense plow moving through the ice. The stability of the structure has been often questioned, and after a severe storm, dwellers on the lake shore have risen in the morning expecting to find its debris beating upon the beach. But our crib is still there.



THE CRIB. In summer the crib has many visitors,

And it is then a very pretty place. Within the huge walls and over the deep well are climbing vines, and birds and honey bees, and the sunlight streaming down through a broad glass roof. At the visitor's feet are two patches of bubbling water—the fountain heads of Chicago's water supply. Ninety-five feet below the surface the water is let in, and what a lot of it. He who stands an hour amid the blossoming vines which garnish this wonderful fountain head, will prove himself indeed fond of mathematics if he pause to calculate that in that time a lake 200 feet square and 16 feet deep-large and deep enough for the biggest ship in port to turn round in-has started on its journey to the faucets of Chicago.

Let us follow this flood for a moment. It flows through the tunnels to the shore, directly beneath the pumping house. Here six great engines are almost constantly at work lifting the water up to the tall tower, whence it falls through the 600 miles of mains throughout the city. This is all very simple, and yet on so great a scale that it almost takes one's breath away. The engines are of 5,000 horse power. One of them-the Brobdingnagalone pumps more water than the entire city used fifteen years ago. Its working beams are 28 feet long, and the huge fly wheel is 26 feet in diameter. The periphery of this wheel travels 10 miles an hour, and every time it goes round it marks the lifting 100 feet high of nearly 3,000 gallons of water. Just think of it, 85 barrels of water at one fell swoop. When we were boys we thought the windmill out on the farm was doing some pretty lively pumping when it raised enough water in an hour for a dozen cows to drink. And this is such an industrious old monster, too. It goes right along, night and day, never getting sick or tired. For seventeen months, the proud engineer tells me, this engine has not stopped for any cause what-



CHICAGO WATERWORKS.

But these are not the only giants this great water system boasts. Away over on the west side, four miles distant, is another house full of iron workers quite as big and strong. Whence do they get the water they pump? Through another tunnel. Chicago is as fond of tunnels as of water or beer. Running Ont. right under the heart of the city from the shore end of the two lake tunnels to the west side pumping house, right under the Sherman house, the \$2,000,000 city hall and scores of business blocks, is a tunnel five feet in diameter, through which a young river of 100,000,-000 gallons volume flows daily. The congress gists. of the United States has voted many generous slices of the public money to "improve for purposes of navigation" streams much smaller than this one.

The present capacity of Chicago's water system is 150,000,000 gallons daily, about equal to New York's supply, and exceeding in quantity that of London or Paris or Philadelphia, or any other city in the world save New York. Already Chicago's water works have cost \$11,000,000, and are one of the wonders of this wonderful city, but more tunnels are to be dug and still other pumping giants to be erected. When Chicago sets herself, about it she can do almost anything, except close her gambling houses.

WALTER WELLMAN.

GEN. GRANT IN SOCIETY.

White House-A Wife's Instinct. Gen. Grant always desired to conform to the requirements of whatever place he was called upon to fill, and was quite willing to perform his social duties. I accompanied Mrs. Grant when she made her first visit to the White House, over which she was afterward to preside, and Gen. Grant was greatly pleased to have the visit paid. It was an afternoon reception of Mrs. Lincoln's, and Lincoln himself was present. The president had never met Mrs. Grant before and at first did not catch her name, and was allowing her to pass with the customary bow that every one receives, but I repeated, "Mrs. Gen. Grant, Mr. President;" and the tall, ungainly man looked down upon his visitor with infinite kindness beaming from his ugly, historic face; then placed both his hands on Mrs. Grant's and welcomed her more than warmly. He asked about the general, and himself presented her to Mrs. Lincoln. The mistress of the White House was also gracious; she invited Mrs. Grant to visit the con-

tive chamber. On our way out several great political women seemed inclined to patronize the western general's wife; not, of course, offensively, but still they acted as they would hardly have behaved among or toward themselves. But Mrs. Grant at once detected the assumption of superiority in their courtesies, and asserted herself delicately and skillfully. When they wanted to introduce fine ladies to her in the lobbies of the White House she regretted that her carriage was waiting, but would be happy to receive the ladies at her hotel; and when they offered seats in their boxes at the play, evidently in order to be seen with the wife of the general of the armies, she politely indicated that a box had already been secured for her, and for this she afterward selected her own company.

servatories and desired me to show them to

the lady who was destined herself to dispense

the courtesies of the nation in the same execu-

Her influence, of course, affected her great husband. He had constantly the suggestions of a woman who understood other women, and who knew instinctively what would be said of him and to him, as well as what she wanted him to say and do in return. Naturally she was anxious about the appearance he made in what is called "society." He had been ushered all at once into the most distinguished and exacting circles; he would be watched and criticised as well as welcomed and admired; and with a feminine insight she comprehended both the petty craft and the important ambitions that underlie many of the ceremonies of official life at Washington as well as in aristocratic capitals. When Grant was overmodest or willing to let himself be passed by, there was always the mentor to caution and urge and stimulate and advise; and sometimes the mentor was needed. - Gen. Adam Badeau's Letter in Courier-Journal.

#### Time Wasted in Shaving.

The poet Campbell is said to have calculated that a man who shaves himself every day, and lives to the age of three score years and ten, expends in his life as much time in the act of shaving as would suffice for learning seven languages. The great French naturalist, Cuvier, said that he found himself wasting as much time with the shaving brush and razor as amounted to at least four days in the year, and he resolved thenceforth to waste no more precious time in that way, and to let his beard grow. - Exchange.

Mrs. Cleveland's New Pet. Baron de Itajuba, the Brazilian minister.



The marmoset belongs to the South American monkey family. It is found chiefly in Guiana and Brazil. It is the most docile and petable of all the monkey family. But it is not very plentiful, owing to its strictly monogamic habits. Monkey husband and monkey wife pair off and hang together so faithfully that if they were human beings the divorce courts would be bankrupted.

The marm set has a coat of long, very soft fur. It is white and reddish yellow, striped with black. Its tail is black and white ringed. The creature has a long tuft of light hair just behind each cheek, which makes it look something like an old man. It makes a shrill, barking cry, from which it is sometimes called Ouistiti. It lives on a mixed diet, but is especially fond of cockroaches.

Hamilton's Pills. Cure liver complaint, biliousness, &c. These troubles arise from torpidity or inaction of the liver, and should be promptly treated. An active dose should at first be taken, say three of Hamilton's Pills, followed the next night by one or two pills as the occasion may demand; after which take one pill once or twice a week, which will gradually restore the action of the great blood filter and thereby allow it to perform those functions so essential to the health and comfort of the body. Sold by dealers in medi-

Quick Reliet. "One bottle of Hagyard's Balsam cured me of a sore throat and loss of voice. One trial relieved me when all other medicine failed," says Miss J. McLeod, Belfountain,

Why will you suffer with a bad cold when a few doses of West's Cough Syrup will cure you. Invaluable for all throat and lung troubles. Consumptives, try it. Small size 25c., large bottles \$1.00. All drug-

## The Best Taken.

"I had dyspepsia for a long time. Was entirely cured by two bottles of Burdock Blood Bitters. The best medicine for regulating and invigorating the system I had ever taken." F. P. Tanner, Neebing P.O.,

Why will you cough when Shiloh's cure will give im mediate relief ? Price, 10c., 50 and \$1. W. J. Wilson, whol sale and retail agent Kingston.

The standard remedy for liver complaint is West's Liver Pills; they never disappoint you, 30 pilla 25c. All druggists.

## LADIES, ATTENTION Mrs. Grant's Tact and Influence at the

TO TOURSE DE LOIS DE LA CONTRE LA CONTRE LA CONTRE LA CONTRE DE LA CONTRE LA

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# FRIDAY & SATURDAY

WILL INCLUDE

54,500 Worth of Silks, Satins, Merveilleux,

Mantle Plushes, Mantle Cloths, Dress Trimmings, Etc.

# \$2,800 WORTH FANCY GOODS.

\$5,600 Worth of House Furnishings.

All laid out for your inspection, and to be sold at prices less than ever known before.

# Cousineau.

Feb. 3.

EMBROIDERIESat WHOLESALE PRICES

WALSH & STEACY'S,

---- AT----

106 and 108 Princess Street.

An Enormous Stock to choose from in both Swiss and Cam. bric. Also Colored Embroideries, including the New Cream Shades, at Low Prices. 200 Remnants of Embroideries at Clearing Prices.

White Cottons. White Cottons

Our White Cottons are Better Value than ever. Special Numbers at 6, 6 1-2, 7, 8, 9, 10c.

WALSH & STEACY.

Jan. 29,

# FREETOONEANDALL

Before Stock - Taking

To walk in and inspect the

Large Stock of Suitings, Etc.,

AT MOORE'S,

To be sold at Prices that will astonish you.

Ordered Work a Specialty and a Perfect Fit or no sale.

59 BROCK ST.

Jan. 19.

THIS WEEK AT THE GREAT STOCK-TAKING SALE.

WHITE COTTONS. NEW WHITE COTTONS. NEW WHITE COTTONS. NEW WHITE COTTONS. NEW EMBROIDERIES. NEW CHECKED MUSLINS NEW EMBROIDERIES NEW CHECKED MUSLINS. NEW EMBROIDERIES. NEW CHECKED MUSLINS

NEW INSERTIONS. NEW INSERTIONS NEW INSERTIONS

NEW FACTORY COTTONS. NEW FACTORY COTTONS. NEW FACTORY COTTONS. ALL AT SALE PRICES.

ATA Liberal Discount to Ladies' Aid Societies. SPENCE & CRUMLEY. 132 and 134 Princess Street. Jan. 17.