SPECIAL NOTICES.

Advertisements for these columns will be taken until 12:30 p. m., for the evening and until 8 p. m. for the

Advertisers, by requesting a numbered check, can have answers addressed to a numbered letter in care of The Bee. Answers so addressed will be delivered on presentation of the check only.

Rates, 1 1-2c a word first insertion; le a word thereafter. Nothing taken for less than 25e for the first insertion. These advertisements must be run conscentively.

\$30 A WEEK BALARY AND EXPENSES PAID

salesmen; experience not necessary; permanen
position. The W. L. Kline Co., St. Louis, Mo
B-M737 F2*

WANTED, YOUNG MAN TO ASSIST IN OF

fice; must be a stenographer and good penman Address, giving age, experience, salary ex-pected and references, D 63 Bee, B-M2M

WANTED_FEMALE HELP.

FOR RENT_HOUSES.

house; \$20 per month. Inquire on pre-

HOUSES FOR RENT. BEMIS, PAXTON BLK.

9-ROOM FURNISHED HOUSE; MODERN IM-

tage; with bath; also nice barn; \$30 per m with barn, or \$25 without barn, 1727 Geo

FOR RENT_FURNISHED ROOMS.

FURNISHED ROOMS AND BOARD.

FOR RENT_STORES AND OFFICES.

FOR RENT, THE 4-STORY BRICK BUILDING

WANTED-TO REST.

SITUATIONS WANTED. WANTED, WORK FOR PART OF DAY, LADY stenegrapher and bookkeeper, Four years experience, Address A 10, nee office.

WANLED, AN IDEA: WHO CAN THINK OF some simple thing to parent? Protect your ideas, they may bring you wealth; write John Wedderburn & Co., Dept. V., Patent Attorneys, Washington, D. C., for their \$1,500 prize offer and a flat of 200 inventions wanted. B-635

WANTED, PARTNER WITH \$500.00; THIS IS a rare chance and worthy of investigation. Address E 1, care Rec. Y-247 13* TAILORS WANTED, CONTINENTAL CLOTH-

SNAP-GOOD PAYING HAND LAUNDRY IN

in Hebron, and some money, to trade for boots and shoes or gents' furnishing. Address Lock Box 14, Hebron, Neb. Z-M235 22* 160 ACRES FARM FOR TRADE FOR 2500 HAR-ness stock. Chris Tscharner, Long Pine, Neb. Z-M235 22*

HOUSES IN ALL PARTS OF THE CITY, THE O. F. Davis Company, 1505 Farnam, D-636 HOUSES; BENEWA & CO., 108 N. ISTH ST. HOUSES, LOTS, FARMS, LANDS, LOANS-Geo. P. Bemis Real Estate Co., Paxton blk, RE-654 MODERN HOUSES; C. A. STARR 025 N Y LIFE

CHOICE HOUSES AND COTTAGES ALL OVER the city, 45 to 450. Fidelity, 1702 Farnam st. D-639 HOUSES, WALLACE, BROWN BLOCK, 16TH HOUSES FROM 15 UP; LARGE LIST. Me-Cague Investment Co., 1506 Dodge street. D-641

ment and sidewalk, all paid for; south fronts act quickly. 724 N. Y. Life. RE-M252 22*

LEGANT 19-ROOM BRICK HOUSE, 568 S. 28th, F. D. Wead, R. E., Loans and In-vestments, 16th and Douglas, D-M194 31

MODERN PLAT, LANGE BLOCK, 606 S. 13TH, ID-MIES PIS FINANCIAL. FOR RENT, A SEVEN-ROOM MODERN COT-

TO BORROW, \$150.00, SIX MONTHS, GOOD FURNISHED 5 ROOMS FOR HOUSEKEEPING. 2 for light housekeeping. 614 S. 17th Ave. E-M996-security; good rate of interest. Address Hee. 8 FURNISED ROOMS FOR HOUSEKEEPING for man and wife. Rent taken in board, 319 N. 17th.

NICELY FURNISHED ROOMS, GOOD BOARD, ICELY FURNISHED Rose, 2020 Harney, rates reasonable. The Rose, 2020 Harney. F-M907-23 MODERN SOUTH ROOMS, GOOD BOARD, \$3,5

HOW TO GET A HOME OR SECURE GOOD interest on savings. Apply to Omaha L. & B. Ass'n, 1704 Farnam. G. M. Nattinger, Sec. ROOMS AND BOARD, FROM \$2.50 UP; MOD-ern conveniences, \$16 N, 19th. F-M204 22*

MUSIC, ART AND LANGUAGE.

WANTED, BY YOUNG LADY, ROOM AND

E-104

children. Address D 66, Bec. K-M238 24* WANTED, TWO FURNISHED SLEEPING rooms, on same floor; coal stove and bath within fifteen minutes walk of postoffice. Address D 65, Hee. K-Mzz; 22*

STORAGE.

OM. VAN & STORAGE, 1415 FARNAM TELL 1559 PACIFIC STORAGE AND WAREHOUSE CO. 908-910 Jones. General storage and forwarding

WANTED-TO BUY.

FOR CASH, OMAHA SAVINGS BANK AC counts; give amount and discount, WANTED, A SECOND-HAND SAFE, CHEAP, Call or address No. 16, Barker block, N-M255 22*

FOR SALE_MISCELLANEOUS.

SLEIGHS, SINGLE AND DOUBLE, BELOY FOR SALE, FINE NEW HIGH-GRADE BICYcle; \$39. Omaha Bicycle Co., 323 N. 161 Q-514

FOR SALE, A NEW KIMBALL PIANO, NEVER been used; a bargain for cash. Address E 3 Bec. Q-240 25 FRESH COW: RICH MILKER; SHORT HORN; kind in every way, 5 years old; well broken, easy milker. E 5, Bec. Q-MESI 22*

MASSAGE BATHS, ETC.

MME. SMITH, 1121 DOUGLAS, ROOM 5; MAS sage and steam baths. T-M193-23* MISS AMES, VAPOR BATHS, MASSAGE,

\$25.00 RUPTURE CURED-TILL, MARCH 15 for \$25.00; no pain; no detention from business; we refer to hundreds of patients cured. The O. E. Miller Co., 717 New York Life Bidg., Comaba. WANTED, MEN AND WOMEN TO ADVER-tise our goods in every county in Nebraska; good pay, send stamp for particulars. E. S. Co., 1919 Harney st., Omaha, Neb. U-631 J28

VIAVI FOR UTERINE TROUBLES, 346-8 HEE bldg. Physician, consulation or health book free. U-726BATHS, MASSAGE, MME, POST, MB4 S. 15TH, U-650CARR & PEGAU, SUCCESSORS TO WM. Lyle Dickey Co., have removed to 125 N. 15th. U-M959 F11

TWO HOMELERS BOYS, AGES 2 AND 11. WO HOMELIESS 18715, Want homes in the country, Address A. W. Clark, Superintendent Hoys' and Girls' Aid Society, 227 Board of Trade Hidg., Omaha, Neb. U-200 22*

MONEY TO LOAN_REAL ESTATE. ANTHONY LOAN & TRUST CO., 315 N. Y. L.; qu'ck money at lew rates for choice farm loans in Iewa, northern Missouri, eastern Nobraska. W-633

CITY LOANS. C. A. STARR, 825 N. Y. LIFE. W-64 MONEY TO LOAN ON IMPROVED OMAHA real estate. Brennan, Love Co., Paxton block. LOANS ON IMPROVED & UNIMPROVED CITY preperty, W. Farnam Smith & Co., 1220 Farnam.

MONEY TO LOAN ON IMPROVED OMAHA property. U. S. Morteage & Trust Company, New York. Posey & Thomas, Agents, No. 207 First National Bank Bldg.

PER CENT MONEY TO LOAN ON OMAHA property, Neb. farms. W. B. Meikle 1st Natl. Bk

MONEY TO LOAN_CHATTLES.

MONEY TO LOAN ON FURNITURE, PIANOS, horses, wagens, etc., at lowest rates in city; no removal of goods; strictly confidential; you can pay the loan off at any time or in any smount. OMAHA MORTGAUE LOAN CO., 206 So. 16th St. X-661

MONEY TO LOAN, 86, 65, 90 DAYS: FURNI ture, planes, etc. Duff Green room 8 Barker bik COMMERCIAL LOAN OFFICE REOPENED for business at 1415 Douglas, Al Altman, proprietor. X-121 24

BUSINESS CHANCES.

FOR SALE, ABOUT 2,000 LBS, MINION TYPE, 700 lbs. agate, 150 pair two-third cases, 40 double from stands for two-third cases. This material was used on The Omsha Boc. and is in fairly good condition. Will be sold cheap in bulk or in quantities to sait purchaser. Apply in person or by mail to The Bee Publishing Company, Omaha, Neb. Y-13

FIVE-NINTHS INTEREST IN 40-BARREL flouring mill; water power and a 75-barrel steam roller mill on rallroad; for sale or will exchange for good clear land. Address D si, lice. Y-M218 Fis

FOR SALE-\$500.00 CASH BUYS A WELL ES-tablished, strictly eash liminess, on account of death. Address D 67, Bee, Y-M245-22

TEN LOTS IN LINCOLN; HOUSE AND LOT

FOR SALE_REAL ESTATE. ABSTRACTS. THE BYRON REED COMPANY

OMAHA SAVINGS BANK ACCOUNTS TAKEN at par in exchange for houses and le or part.) The Byron Reed Co. Ints. (A1) RE-816

LOT, 33X147, WITH 7-ROOM HOUSE, NEAR High school, for \$1.800.00; also vacant lot, same size, for \$1.200.00 Each has everlasting pava-HOUSES FLATS, GARVIN BROS, 1613 FARNAM FOR RENT, 812 N. 39TH ST., 7-ROOM MODERN

DANCING SCHOOL.

MORAND'S, 1510 HARNEY, FOR PRIVATE and class lessons daily; always open. 806-F4

LIFE INS. POLICIES BOUGHT, W. F. HOLDEN

LET US SELL YOU A MORTGAGE OR MAKE a loan for you, on either farm or city property. F. D. Wead, Gilt Edge Securities, 16th and Douglas. 829 31

BUILDING AND LOAN ASSOCIATIONS.

GEORGE F. GELLENBECK, BANJO, MANDO lin and guitar teacher. Room 412 Bee Bldg Tel, 238.

DRESSMAKING.

MASQUERADE COSTUMES.

THEO LIEBEN, AK-SAR-BEN COSTUMER, 520

ELOCUTION. MRS, W. N. DORWARD, 623 N -M768 F2*

ses made and renovated; 2111 Cuming.

FARM FOR RENT.

SEWING MACHINES AND SUPPLIES.

NEW HÖME, HOUSEHOLD AND WHITE gewing machine office, 1514 Cap. Ave. Tel. 1574.

SHORTHAND AND TYPEWRITING.

A. C. VAN SANT'S SCHOOL, 513 N. Y. LIFE.

AT OMAHA BUS.COLLEGE: 16TH & DOUGLAS.

PAWNBROKERS.

H. MAROWITZ LOANS MONEY. 418 N. 16 ST.

GET THE BEST TYPEWRITERS; SUPPLIES repairs, United Typewriter & Supplies Ca. 612 Farnam St. 670-June-30 er, in good condition; cheap. Address D 55 Hec. —M229 25

LOST.

STRAYED FROM COLONADE STABLES, FIF

MEDICAL. THE PEOPLE'S DISPENSARY NEVER PAILS



Bee Building. Omaha. Neb Advice and Pate at Book FREE THE BEG

PRINTS DAILY THE MOST COMPLETE SPORTING NEWS. THE SPORTING DE-PARTMENT OF THE OMAHA SUNDAY BEE IS UNEXCELLED.

Notice is hereby given that the firm of A. C. Adams & Co. is this day mutually dissolved, A. C. Adams retiring and George T. Giacomini continuing the business, who will assume all liabilities and collect all accounts.

G. T. GIACOMINI.

Pozzoni's Complexion Cownen produces a soft and beautiful skin t combines every element of beauty an

Omaha Retail Grocers' Association Holds Its First Annual Banquet.

That 99 "remail 77 (1)

Preliminary Business Session Devoted to a Discussion of Advisability of Adopting a Strictly

of the Retail Grocers' association. There was a lively discussion upon the dealrabillity of adopting the cash system throughout the two cities at the meeting which feast of good things supplied by the wholesale grocers of this city, and this was followed by a feast of reason that lasted till

President Courtney called the assemblage together shortly after 8 o'clock, and announced that it had been decided to have an open discursion upon the feasibility of cs- attempts had been made to organize such a tablishing the cash system among the gro- union, but this was the first that had proven ers of the city.

the first speaker, and carnestly pleaded for the adoption of a cash basis for the retail grocery trade. He estimated that a grocer who did a business amounting to \$36,000 annually, would save about \$4,000, or nearly saving would come through discounts bills for goods purchased, which the retailer would then be able to pay cash for: tleman had since modified his views on this from the hire of one less clerk; from the subject. Mr. Munro blushed. The others absence of any less through poor accounts laughed.

ould be benefited because he would be stand by each other for their mutual protec-

that all the grocery firms in Omaha that had tried to do a cash business had failed. He believed it to be impossible for a single ine grocery store to do a strictly cash busi tess in Omaha today. He said the credit man could sell as cheaply as the cash grocer. If the credit man sustained losses it was because of his poor judgment of human naare, and not because of an evil in the credit

F. H. Jones said the great bulk of the world's business was done on paper, and it would be impossible to start a cash system among the grocery trade of such a great ty. The people of Omaha were in the main ependent on salaries. The could not have loney in their pockets every day, but must wait for the end of the month to roll around before they could pay their bills. He believed it was possible for any grocer to cut down his outstanding bills. He had given his greatest attention to the matter during the year just closed, and had succeeded in

E. O. Hastings said that a grocer who

wanted to start the cash system should have only 50 cents capital or he should have a capital of \$100,000. He regarded the measure appeared and placed them both under reposed as extremely impracticable.

Secretary Johnson remarked that it made rest.

At the station Thompson insisted that the station that the stat

for its adoption. He said that if he could living of the man's vest.

Hald was discharged, and he thereupon the grocery business during the past ten years, he would now be able to retire.

The opinion of the association was expressed by a viva voce vote, the majority ap-

The centurious then adjourned to the ban

come to the members of the association and to the visitors present. He metioned the names of the wholesale firms that had contributed to the success of the occasion by providing the menu served. On behalf of the association he expressed the thanks of the body for those favors.

In briefly reviewing the year's work of the association he commented on the encouragement of strength that had come through the union to the retail grocers of the city. He urged the members to build firmly, to deal fairly and squarely with the trade and with the association, and to count it an

F. A. Jones said the association had already made itself felt as a power in Omaha. He believed there was a better time coming

as well, a set of most genial fellows. He was glad they had assembled at the tables for he believed that it was there that the troubles, the cares and the toils of the gro-

cery world were forgotten, and that it was CASTORIA. elgranuro Chart Heteker Wrappen CASTORIA. The facsignature Chart Hetchics to mapper CASTORIA.

Notice of Sale by Receiver of American Loan and Trust Company.

Notice is hereby given that I, the undersigned, as receiver of the business, property and assets of the American Loan and Trust Comps'y, pursuant to an order of the circu's court of the United States, within and for the District of Nebraska, made on the 15th day of January, 187, in the suit therein pending wherein John A. Ordway and others are complainants and the American Loan and Trust Company is defendant, will, at 10 o'clock in the forenoon on the first day of February, 183, in my office at No. 1817 Farriam street in the City of Omaha, in the County of Douglas and State of Nebraska, sell at public auction all the property, assets and interests of the American Loan and Trust Company remaining in my hands or in the Sands of any other persons accountable to me therefor, to the highest bidder or bidders for each. The said property, assets and interests are more particularly described in my special reports filed in said suit in said court on the 3rd day of October, 1896, and the 18th day of January, 1897, upon which in connection with the record in said suit the said order of the court is based. In addition 15 my reports on file and the record in said suit I will personally give such antormation from my books or otherwise as may be requested by any interested person touching the property herein advertised for sale.

PHILIP POTTER. lotice of Sale by Receiver of Ameriean Loan and Trust Company.

Dated this 18th day of January, 1897.

Montgomery & Hall,
Attorneys,
PHILIP POTTER.
Receiver **DUFFY'S** PURE MALT WHISKEY All Druggists.

there that the members came to know each other better. It was the means of giving the grocers an opportubity to know some-

THE YEAR A. STOR THE

elde save a life of drudgery. He re turned thanks to the press of the city for having encouraged the association in its work, and said the newspapers had helped correct the erroneous notion that the Omaha grocers had banded together for the sole

urpose of raising the prices on the neces of life.

J. G. Hayzlett responded briefly to the toast, "South Omaha." He pleaded a long journey homeward as an excuse from an exnded address and was dismissed with the

blessing of his fellows.

Mr. Cady of Cady & Braden recounted in

kept a small grocery store here, one of the rears later there were about a dozen gro-ery firms, among whom were Clark & French, Creighton & Morgan, W. H. King, o goods were ever delivered west of Eleb-enth street. Then the population was about 15,000. Now the trade had so increased that representatives of 256 grocery firms mat around the banquet board to celebrate the succees that had attended them during the

past year and to join in a cordial reunion. Charles Hanley said that frequent meetings similar to the one that had called the Omaha grocerymen together could not but prove beneficial to all interested. Several former

C. F. Shaw of Shaw & Fell, said some one Charles F. Shaw, of Shaw & Fell, was he first speaker, and carnestly pleaded for he adoption of a cash basis for the retail process trade. He estimated that a grocer he did not believe that the work was altographic forces. who did a business amounting to \$36,000 gether one of drudgery. He took a crack annually, would save about \$4,000, or nearly at one of the previous speakers by saying 12 per cent, by adhering to such a scheme. that he had once heard him remark that he would rather be an Omaha grocer than mayor of the city. He understood that gen-

W. B. Olin of South Omaha said the and goods that left the store uncharged.

Charles Hanley also endorsed the proposition. He argued that all the necessaries to lose by maintaining a thorough organizaof life should be purchased for cash and cash alone. The grocer would be benefited. He would then have more time to attend strictly to buying and selling. He could labor the same way. He could see no good buy cheaper for spot cash. The consumer reason why the trades people should not

the man who it was declared had dene more than anyone else to promote the success of the association, was numerously called for In his response he said that there had been but thirty-seven members when the associarolls contained the names of 118 members He read the annual financial report, which showed the treasury to be in a flourishing condition

HOW ONE THOMPSON WAS DECEIVED

Circumstantial Evidence Was Strong. Yet False Withal. Shepard Thompson, a negro driver for Thomas J. Foley, 2318 Douglas street, was urrying his horses out in the barn yesterday afternoon, when a stranger in the person of H. Hald dropped in for a few minutes' conversation. Thompson's vest hung upon a nail nearby. In one of the pockets was \$3. Hald felt of the vest and admired

the year just closed, and had succeeded to the year just closed, and had succeeded to lowering his outside bills by \$1,100.

After Hald had gone Thompson were his vest and failed to find the money he had left there. Rushing out of the place he had left there. Rushing out of the place he cash system, saying that judgment was the cash system, saying that judgment was the cash system, saying that judgment was the had left there. Rushing out of the place he had left there. This the other angrily denied. the money. This the other angrily denied. A sculle ensued, in which the negro had the best of it, and he was industriously en-gaged in hauling Hald along the sidewalk to the nearest patrol box when an officer

Mr. Evans favored the cash system. He closed the discussion with a vigorous appeal for its adoption. He said that if he could have all the money he had honestly made in the grocery business during the past too Hald was discussed by the could have all the money he had become the past too Hald was discussed by the could have all the money he had become the past too Hald was discussed by the could have all the man's vest.

The negro could not give bail, so was locked up until he shall appear before Judge Gordon today. LOCAL BREVITIES.

tery.

from abroad.

E. Aylesworth reported to the police rom his room, near Thirteenth and Doug-

The Omaha Water company has commence suit against the city of South Omaha to re-cover \$6.516.16 alleged to be due to the comcany for hydrant rental for the year 1896. Alex Guenther has been unanimously lected to the leadership of the Orpheus Singing society until the body can decide upon a leader whom it is proposed to obtain

At a brief special meeting of the Board of Fire and Police Commissioners Wedneslay the protest against the granting of a liquor license to William Young at 2632 Sher-man avenue was set for hearing on Satur-

Superintendent Pearse has isoued a request that all children who have not yet attended school and who are of school age present themselves at the school house in the dis-trict in which they reside next Monday mornng, that they may be enrolled. The relatives of 18-year-old Oscar Young, who live in Havensville, Kan., have re-

of the young man, who has not been heard from since last September. At that time Omaha. Commissioner Utt of the Commercial club has directed letters to the Nebraska senators and representatives in congress expressing the wish of the club that they use their in-

quested the police to trace the whereabout

fluence in favor of the Loud bill, the Torrey bankrupt bill and the bill for the protection of American chicory. FORECAST OF TODAY'S WEATHER. Light Snows, Followed by Much Colder

Weather; North Winds, WASHINGTON, Jan. 21.—The forecast for

or Iowa-Light snows; colder, north winds.
For Kansas Generally fair during the
day; possibly local snows and much colder;
northwest winds during evening or night.

Local Record. OFFICE OF THE WEATHER BUREAU, OMAHA, Jun. 21.—Omaha record of rainfall and temperature compared with cor-responding day of the past three years: 1897, 1896, 1895, 1894. Maximum temperature... 43 44 31 Minimum temperature... 31 31 11 Average temperature... 32 38 21 Rainfall

Record of temperature and precipitation Omalia for the day and since March 1. Excess since March J. 5.31 inches Deficiency corresp'g period 1895. .11.46 inches Deficiency corresp'g period 1895. .15.37 inches

STATIONS AND STATE OF WESTHER. Omaha, cloudy
North Platte, partly cloudy.
Sait Lake City, cloudy.
Cheyenne, partly cloudy.
Harid City, cloudy.
Huron, partly cloudy.
Cheyen, cloudy.

Discovery of the Missing Link Between the X Ray and Ordinary Light.

MANY SUBSTANCES STORE UP SUNLIGHT

Speculation on the Achievement of an Alabama Professor Photographs Taken by Flashes of Stored Light.

The wonders of X-rays have been very much overdone lately, but here is a bona fide achievement which surpasses anything that has been accomplished in this line. Prof. A. F. McKissick of the Auburn, Ala., Polytechnic institute has demonstrated that a plees of common granulated sugar which has been exposed to direct sunlight for two hours and then placed in a dark room with a photographic plate will emit light enough to photograph several small objects on the plate through an intervening thickness of two and one-half inches of wood.

The merit of the announcement of this discovery lies in its legitimacy. Prof. Mc-Kissick is a recognized authority in his department. He does not claim to have discovered that sunlight is stored in and afterward given off by certain inanimate objects. That is the theory of Becquerel, well known to the scientific world. But he has reduced this theory to a practical working basis. His experiments prove the word "darkness" to be only a very relative term. Total darkness cannot exist in fact. Objects all around us are continually storing up sunlight during the day and giving it off at night. The human eye is not finely enough attuned to such light rays as to be able to detect them, but the rays exist, as is proved by the photographic plate. Prof. McKissick gives a long list of substances which are continually storing up sunlight during the day and then emitting it at night with such an X-ray intensity as to cause if to recover.

This discovery involves the question of how certain animals are enabled to see in darkness. A cat will provi safely about a dark room or a horse will gallop furiously along a dark road under conditions which would not allow a man to see his hand before would not allow a man to see his hand before his face. How do they do it? Are they enabled to see beams of previously etored up sunlight? It has been contested that there is some light by means of which animals are contacted. mals are enabled to see; that if total dark-ness existed not even a cat could see around dark room. The old time scientist who nade this statement builded better than he was aware of. It is now contended that a cat is enabled to see in the dark by the light emitted from its own eyes. Prof. Von Helenholtz was erabled a short while be-fore he died to take a photograph of his own eyes in a dark room by means of a light of his own eyes. Now, if some scientist were to discover that the human eye emitted a light of X-ray properties, the old

aying relative to the burning quality of a

erson's glance would have some founda-First, as to the discovery of Becquerel secquerel discovered that certain chemical substances were constantly storing sunlight and then radiating it under favorable condicas. Thus uranium after being exposed to direct sunlight for a few hours was found to emit the stored energy in fine streams of light for long periods of time. Subsequently it was found that the period of dispulsion is indefinite, for recent reports from Europe state that substances acted upon by sunlight ten months ago are still radiating light-rays strong enough to affect a sensitive plate, even though no direct sunlight had acted upon them in the meantime. Thus it was found that certain substances are really storage batteries of light in almost inter-minable quantity. Becquerel's field, how-

cllows: SUBSTANCES ABSORB LIGHT "Some time ago Becquerel discovered that certain granium salts emitted after exposure to sunlight radiation which, like the Rocat gen rays, could pass through thin plates of aluminum or cardboard and affect a physical graphic plate behind, and also that these rays could be polarized, refracted and re ected. He found that the potassium plat aum compound of auranium after exposure to sunlight emitted these rays for many

through aluminum or cariboard, but cannot be polarized or refracted, and reflected only slightly, it seems that the Becquerel ray is he connecting link between the Roentge

"it occurred to me that probably a great many of the fluorescent and phosphere compounds would give radiations of and, and with this idea I tried all of th known fluorescent and phosphorescent cou-pounds available, and found that the follow ng gave these radiations after an exposur o nunlight: Lithium, chloride, barium sul bide, calcium sulphate, quinine chloride rinine sulphate, calcium nitrate, sodiur mgstate, sterein, uranium acctate, ammo lum phospho-molybdate, chalk, glucose an

umar. "In making these experiments the article o be photographed were placed in centac with a particularly sensitive plate in a plat holder. The cover was then put on anothe substance, after an exposure to the sun-light for two hours, was sprinkled over the cover of the plate holder. The plate holder was then carefully covered with a dark cloth n order that there might not be any chance of ordinary light acting on the plate. The seventy-two hours, the time varying with different substances. A slow plate was used with ordinary developer and fixing bath.

PECULIAR EFFECTS ON NEGATIVES. Some of the negatives obtained were uch clearer than others and some peculiar ffects aside from the pure lighting effect ere obtained. For Nebraska, South Dakota and Colo-trado-Slight snows Friday and Saturday; much colder; north winds.

For Missouri-Fair, followed in north by light rain; snow Friday night or evening; orthwest.

For Iowa-Light snows; cold An examination of the produced on the plate (although the object has been placed in contact with it). Close inspection will show this to be the case. For simplicity I call the sharper or m onounced image the primary and the less distinct the secondary, the latter being marked with the letter "s."

"Of all substances tried I found that white granulated sugar gave the best remits. Figure 2 is a photograph of a key, three copper cents and an irregular piece of glass obtained from the light emitted images marked as usual with "s"). Figure key and a piece of glass obtained from sugar, but far more interesting than figure 2 from the fact that the emitted light was made to pass through a piece of wood two and one-half inches in thickness as well as 255 the plate holder, before it could reach the

The various images of the same object which appeared on the plate are very erratic. H. Blackmore, a well known Union Pa-or at least irregular in the manner of their cific freman, who has been seriously ill at appearance. I have noticed as many as St. Joseph's hospital since Chelstman, has or at least tregular in the manner of their appearance. I have noticed as many as five images of one object and sometimes on the same negative there would be two images of one object and only one of another object two inches away. The element of phosphorescence does not seem to onter into the process by which these photographs are taken. Prof. B. B. Ross suggested to me that inasmuch as quite a mimber of fluorescent and phosphorescent substances posknown to be either fluorescent or phosphorescent, might give off these rays. With this idea in mind I tried sterein and ammonium phosphomolybdate. Both of these substances emitted the rays. Sterein gave them off but slightly, molybdate more strongly, producing a fairly clear and sharp negative."

HUMAN EFFECTS OF The control of the co

Roentgen rays and ordinary light possesses | the World's Fair city.

peculiar scientific interest. Taken in conection with some recent feats of libu Thomson it forces the Sup position that very few substances under the sun are really impervious to light rays. They penetrate everything and everywhere. The achievements of Prof. Thomson, just mentioned, have just been announced at the dast meeting of the American Institute of Electrical enginers. He succeeded in forcing Roenigen rays through two plates of east iron 2-16 of an inch thick. He also succeeded in forcing at a distance of six inches from the platinum surface of a Crookes tube. When the Bequerel theory is developed more thor-oughly it will doubtless be found that many substances in more or less common use are really storage batteries of light, gathering up energy during the day and disperspractically going to waste. It requires a \$100 total, \$5.00. To this amount add light stretch of imagination to suppose a \$100 for extras, such as medicine for horses all this wasted light and reduce it. all this wasted light and reduce it to a and the total expenses for a year amount to usable condition, thus compelling the sun \$5,870. to do duty for us during the night as well as during the day, yet capital has been

hazarded on still more nonscastical ideas.

PROJECTED THROUGH DARKNESS. The hearing apparatus of the insect is capable of encompassing sounds of vibra-tion too rapid to be measured. Doubtless these same insects are able to guide themselves about in so-called darkness by means of millions of shafts of what to us is unseen light. The insect burrowing far under ground, might itself be a storage battery of smallght from which much needed rays are emitted. The cct, according to scientific supposition, sees in the dark by means of light of its own eyes. The eye of Von Helmholtz, on the other hand, photographing itself in the dark by means of its own light, was not able to see the apparatus which became affected by its light. The last proves that shafts of light can be pro-jected through the darkness, of a quality which is far below the range of the human eye, but which can yet be reduced to so prac-tical a basis as to materially affect a photographic plate. The fluoroscope has enabled us to view the effects of X-rays as they are taking place. Might we not go a cause it to penetrate surrounding objects such as tables, chairs, clothing, etc.—a wonderful physical or chemical transformation of the sun's rays.

It is suggested by a local scientist that this discovery of unknown light rays capable of being photographed may serve to throw some light on the methods pursued by spiritualist photographers. That negatives have been produced bearing spirit pictures presumably taken in totally dark rooms, there can be little doubt, but the assurance of the legitimacy of such photographs has always been opposed by scientific laws. Now, the chance arises that some of these negatives may have been bona fide to a certain extent. The ability to take photographs in the dark might have been stumbled upon by any charlatan who would naturally make the most money out of his field by working it secretly and playing on desires of the credulous. A sensitive plate, a little prepared sugar and the thing is done. The "primary" image on the plate is real enough; the "secondary" image which may appear singly or in several fold, is spiritual enough almost to convince the most skeptical.

ITS VALUE TO SCIENCE. But, leaving the hypothetical side of the liscovery entirely out of the question, there is enough of scientific interest in this new ight to provide the dignified investigate with food for reflection and scope for further research. In the Auburn, Ala., Polytechnic institute experiments are being actively car-ried on, which will tend to develop whatever there is in the discovery. All kinds of sub stances are being tried, with a view to find ing out how much of this storage of sunlight exists around us, and in what degree it is taking place. Highly sensitive plates are being used to photograph all kinds of ob-jects, for the X-ray quality of the stored light sometimes makes a difference in quality. The question as to why so many pe-culiar images of the same object shoul appear on the plate is also being looked into. This would make it seem that the shafts of light must be constantly changing. or, at least, emanating from different quar-ters—it will be remembered that the second ary images of the key on one plate wer emoved from one another to the extent of degrees of a circle. At least, we may exect an interesting cutcome, for that con-non granulated sugar is capturing the su ight and afterward radiating it in the dar n a manner so changed as to bid defiance to we and a half inches of wood, is a discovery

hat is not being made every day in the week THEODORE WATERS We are not surprised that people will no ake a new cough remedy when they know

the value of Dr. Bull's Cough Syrup.

PERSONAL PARAGRAPHS. J. Hine of Dunlap, Ia., is stopping at th

Mercer. H. DeBow, a merchant of Randelph, is he city. Tom Cook left last night for Lincoln

J. Palmer of Louisville is registered a ie Barker Ira D. Marston, an attorney at Kearne; in Omaha,

the Mercer. E. M. F. Leflang and wife, Lexington re in the city. Major Comegys and W. T. Tabar left for

Lee Spratten left for a short trip to New York and Washington last evening. John Collins was in the city yesterda while on route from Sherldan, Wyo., to Ch

ganza company are quartered at Barker.

Seven members of the Rosabel Morriso larmen company are domiciled at Barker.

J. A. Kuha, general western agent for the Northwestern, returned home from Grand Island last night. C. M. Talcott, assistant superintendent of

parted by his wife, left for Chicago insevening on a short pleasure trin. Mrs. Kelly, wife of Solicitor Kelly of th Union Pacific, accompanied by her daughter Miss Ura, left for Lincoln last night J. L. McPheely, Minden, who is said to be a candidate for United States district

night after spending several days in the W. A. Deuel, division superintendent of the Union Pacific with headquarters at Denver,

H. Blackmore, a well known Union Pa

about recovered and is expected out in a fedays. G. W. Holdrege of the Burlington returns from Burkington, Ia., yesterday, where has been in consultation with President Per

inlen depot.

several years, but the banking business was unprofitable he arranged with another speriments, related in a technical manner. its human interest, however, is paramount. Its proves that Old Sol has been dominating to an even greater extent than we limagined, and the suggestion that here at least is the connecting link between will visit at Warsaw, Ill., before going to Woodle Este clie. ARTHUR THE THE THE THE THE THE THE THE South Omaha News.

SE STERRETE TE While nearly every one interested in municipal affairs admits that an increase in the fire and water levy is needed, there seems to be a lack of action in the matter. Some time ago several of the city officials started out with the intention of taking steps to have the legislature make the necessary changes in the statutes so that a levy of 5 or 7 mills could be made for fire purposes depresentative Curtis of the city was seen by a Bee reporter and declared himself in favor of such a measure, as he realized the

necessity of the city maintaining a first class fire department. ing it during the night. This is, of course, the picturesque way of locking at it, but to operate the department can be seen by the practical element in it is not necestarily very remote. Two hours storage of sunlight requires months for its dispersion.

That the S-mill levy is not large enough to operate the department can be seen by the fixed charges, which are as follows: Salary of chief, \$900; salary of few men, sunlight requires months for its dispersion.

With a 5-mill levy, which was imposed hast year, the fire and water fund drew only \$4,294, which was \$5 per cent of the drawn at present. Thus, even with a high levy, the department is sure to run away behind, and a large overlap is the result

every year. The figures showing the expenses of the department are the averages for a number of years, and cannot very well be reduced without crippling the department. Councilman creased levy, and something may be done to bring about the desired result, but so far

there has been nothing but talk. Some Bargains in Eggs.

A shrewd Yankee tricked the good housewives of the First ward in good shape the other day by representing that he was a patent medicine peddler, and had come Into the pessession of several dozens of fresh aid eggs by taking the ben fruit in payment for horse linament. He was willing to dis-pose of the eggs for 20 cents a dozen, not a cent less, because he knew they were fresh,

In spite of the fact that eggs were selling at the stores for 12 cents a dozen, quite a number of women bit at the same of the Yankee and paid an extra price for ancient cold storage eggs. One housewife, who has a large family, was delighted at the chance to lay in a supply of country eggs and bought nine dozen. Shortly after making the purchase she proceeded to do some baking and had occasion to use some eggs. The first one she broke was old, very old, and the good woman thought the poor farmer must have alipped in the nest egg by mistake. She broke another; it was bad, so was the next and the next. Every one of the nine legen eggs turned out to be spoiled. number of women were caught for from one to three dozen eggs.

The patent medicine man turned out to be

which were packed last cummer and had been in cold storage for at least eight months. The women who were caught have gone on the warpath, and it won't be healthy for erg peddlers to tarry long in the First ward

an Omaha fakir, who had come into posses-sion of a job lot of commission house eggs

To Restrict a City Official. A couple of weeks ago Building Inspector Parks sent a bill to the city council for 806 50 alleged to be due him for nineigen days' work making examinations at \$3.50 a day. As the building ordinance provides that the office be sustained by fees alone. the finance committee drew a line through the bill and decided to investigate before sllowing the claim. Should the bill be allowed, which it most likely will be, it is to be the last of its kind, for Councilman Schultz has filed a protest in the shape of a recolution, which was passed Monday night, stopping such work. The resolution

Whereas, The building inspector has at different times investigated buildings in the city that he thought had defective flues or area walls, and has charged the same to the city.

Resolved. That the building inspector be not is hereby instructed in future to wait or orders from the city council before manging in any more of this kind of work. As Inspector Parks is alleged to have done he work he new asks pay for in good faith some of the councilmen are in favor of cut-ing the bill down to \$38 and allowing it. This will give Parks pay at the rate of \$2 a day instead of \$3.50 a day, which was the

mount he asked for.

No Inquest was Desired. Henry Thurber, father of Fred Thurber, who was killed by an Elkhorn train yester-day, arrived in the city on a special train from Missouri Valley during the afternoon and took charge of the remains. At the request of Mr. Thurber no lequest was held, as from statements made by the train crew the accident was not due to carelessness. After the remains were prepared for burial they were placed on the special train and

aken to Missouri Vailey for interment. Mugde City Notes. N. Deaver of Blair was here on business

J. W. Pence of Grand Island spent yeateray in the city. L. S. Lovitt of Colby, Kan., was a visitor to the yards yesterday. E. L. Dewning of Aurora is in the city tending to some business William Schorn of Seribner brought two ends of cuttle to this market yesterday, Edgar C. Lorton of Nebraska City is the

Tilve No. 15, Links of the Maccabers, will five a dance at Masonic hall February 19. Milk Inspector Carroll can be found at his Sice from 9 to 12 a, m., and from 4 to 5 J. M. Jamison, a prominent Valparaiso

test for a few days of James L. Paxton

Sterday. meeting of the Hospital association will held at the mayor's older this afternoon A match social will be given by the Ep-worth league at the First Methodiat Episco-pal church parlors January 28. Refresh-ments will be served after a short program.

t the First Presbyterian church this week by Rev. Mr. Tonge will come to a close to-tight, the topic belog, "Under the Juniper There is a good demand for horses these days and everything that is in good flesh and amonth-coated can now be sold readily fair prices, except small, plain horses

The revival services which have been held

The receipts of bogs yesterday numbered 131 cars, 8,479 bead, which was the largest run of the mouth so far, and enough larger than last Thursday to wipe out the shortage as compared with last year. This evening the Y. M. C. A. Current Topic club will meet at the parlors of the association. The program is as follower Music, Miss Bessie Meyers; impropring appears, discussion, "Social and Economic Aspect of Funday Labor." Rev. C. C. Smith; essay, "Social am," Fred Winship.

The Omeha Water Works company yester-

Danger Environs Us

If we live in a region where malaria is pre-valent. It is usaless to hope to escape it if approvided with a medicinal safeguard. Wherever the endemic is most prevalent and alignant—in South and Central America, he West Indies and certain portions of legico and the Isthmus of Panama, Hostet-'s Stomach Bitters has graved a remedy and preventive of the discuss to every rm. Not less effective is it in curing the liver and kidney complaints, dynpala, billousness and nervousness

RILEY-Mrs. Andrew, aged 37 years and 28 days. Funeral Saturday, January 23, at 9:30 a.m., from family residence, 5:38 Bouth Twenty-ninth street, to St. Peter's church. Interment in Holy Sepulcher complete.

attorney for Nebraska, is in the city,

The Omsha Water Works company yester, day such the city of South Omsha for \$1-516.16, alleged to be due on hydrant rentals for 1806. The city allows these bills to accumulate until suit is entered, and then the city attorney confesses judgment for the amount. These bills are always paid out of the judgment fund, as the fire and water lovy is not sufficient to run the department, let alone paying for water hydrants.

morning and Sunday editions.

TO GET IN OR OUT OF BUSINESS GO TO J. J. Gibson, 514 1st Nat'l lik, Building. Y-266 WANTED ... MALE HELP.

FOR EXCHANGE.

ACCOUNTS IN THE OMAHA SAVINGS BANK taken at par for real estate at present low values. George G. Wallace, Brown block, 16th and Douglas. RE-918

SAFES.

WANTED_TO BORROW.

SHARES IN MUTUAL L. & B. ASS'N PAYS 6, 7, 8 per cent when 1, 2, 3 years old; always re-deemable, 1704 Farnam St. Nattinger. Sec. 663

DRESSMAKING BY THE DAY; WORK GUAR anteed, C 39, Bec. -M221 24*

 Isth; largest stock masquerade and thearizal goods in the west. —M859 FS PHYSICAL CULTURE.

GET M. S. WALKIN'S PRICES ON FURNI

FOR RENT-250-ACRE FARM, NEAR FORT Crook, Sarpy county, Selby, 1603 Farnan

Lost-M236 22* LADIES' GOLD WATCH, CHAIN AND CHARM, Return to this office and get reward. Lost-M254 24*

SUES & CO., PATENT SOLICITORS.

J21d 1t M-E

SOUTH OMAHA BRETHREN PARTICIPATE

Cash System.

One hundred retail grocers of Omaha and South Omaha closed their stores last evening and gathered at the Commercial club for the first annual marking and large an for the first annual meeting and banquet preceded the banquet. The banquet was a

near the small hours of the morning.

George F. Munro appeared as the champion the credit system, maintaining that the coof of the pudding was in the eating, and

him weary to go to the theaters, only to see people in the front seats and in the boxes who had owed him grocery bills for more that the station Thompson insigted that Hald had bereft him of his coin, and a charge of larceny was placed opposite his

arently being opposed to the adoption of the ash system at the present time. quet room, where an elaborate feast had been spread. After a half dozen courses had been disposed of and the cigars lighted, the presiding officer rapped for order and opened the post-prandial exercises. President Courtney extended a hearty wel-

honor to be enrolled in the band of Omaha day evening at 7:30 o'clock.

and that when the clouds of adversity had olled by the full force of the old saw. 'In union there is strength,' would be best everal parts of the room simultaneously. Ie gained the approbation of his fellow cers at the start by relating several good ries. He then praised the association I patted the members on the back. le declared the Omaha grocers were not only a lot of sterling business men, but were

T indicates trace of precipitation, L. A. WELSH,

Reports from Stations at S p. m.

C. M. Wendover of St. Louis is a gues New York last evening P. M. Penny, a banker at Wood River as in the city yesterday. Elight of the members of the Corin Extravaganza company are registered at the

the Nebraska supreme court were is Omalia yesterday, the Pullman company, returned home from western trip yesterday. Chief of Detectives W. W. Cox, necom

> Thomas Dwyer of the Union Pacific, located at Laramie, Wyo., left for home las was in Omaha yesterday while on his wa homeward from the east.

kins in connection with the plans for the

reducing a fairly clear and sharp negative."

IUMAN EFFECTS OF THE DISCOVERY.

This is Prof. McKinsick's account of his speriments related in a facility of the Crete National bank for speriments related in a facility of the crete National bank for