

UNION SAVINGS BANK

111 South 10th Street.
CAPITAL, \$200,000
Liability of Stockholders \$400,000.

- STOCKHOLDERS:
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Interest paid on deposits of 5 and upwards at the rate of 5 per cent per annum, compounded semi-annually. Your savings account solicited.

MONEY TO LOAN
For a long or short time on real estate or approved collateral security. Bank open from 9:30 a. m. to 2:30 p. m., and on Saturday evenings from 6 to 8 p. m.



FAST MAIL ROUTE.

2 - DAILY TRAINS - 2

Atchison, Leavenworth, St. Joseph, Kansas City, St. Louis and all points South, East and West.

The direct line to Ft. Scott, Parsons, Wichita, Hutchinson and all principal points in Kansas.

The only road to the Great Hot Springs of Arkansas, PULLMAN SLEEPERS AND FREE RECLINING CHAIR CARS on all trains.

H. G. HANNA, R. P. R. MILLAR,
City Tkt Agent, Gen'l Agent.
Cor. O and 12th Sts.

PEERLESS Steam Laundry
1117 P Street.

Still in the front and absolutely leading all competitors. Thoroughly equipped for the best work, giving to each customer an unqualified guarantee for all work done. All of our work done with neatness and dispatch. We solicit orders for suburban villages and neighboring towns, paying the express on all orders one way. Respectfully,
C. J. PRATT

Only Exclusive House in the City,
A. M. Davis & Son,
AN ELEGANT STOCK, LUMBER & SEWING

CARPETS
1112 O Street.
Call and see us in our New Quarters.

Working Classes Attention
We are now prepared to furnish all classes with employment at home, the whole of the time, or for their spare moments. Business new, light and profitable. Persons of either sex easily earn from 50 cents to \$5.00 per evening, and a proportional sum by devoting all their time to the business. Boys and girls earn nearly as much as men. That all who see this may send their address, and test the business, do so at once. To such as are not well satisfied we will send one dollar to pay for the trouble of writing. Full particulars and outfit free. Address: GEORGE STRESON & Co., Portland, Maine.

MONEY to be made. Cut this out and return to us, and we will send you free, something of great value and importance to you, that will start you in business which will bring you in more money right away than anything else in this world. Any one can do the work and live at home. Either sex; all ages. Something new, that just coins money for all workers. We will start you; capital not needed. This is one of the genuine, important chances of a lifetime. Those who are ambitious and enterprising will not delay. Grand outfit free. Address: TRUE & Co., Augusta, Maine.

YOU can live at home, and make more money at work for us, than at anything else in this world. Capital not needed; you are started free. Large earnings sure from first start. Costly outfit and terms free. Better not delay. Costs you nothing to send us your address and find out; if you are wise you will do so at once. H. HALETT & Co., Portland, Maine.

Crystal Steam Laundry
Will call for, and promptly return, and finish same in latest and best manner.

NEW MCHINERY, and best facilities in the city, for doing strictly first-class work. Our new locations are **LAUNDRY, Corner 24th and O Sts.** CITY OFFICE; 119 N. 12th Street. TELEPHONE No. 478.

A trial will convince you that the Crystal does the best laundry work in the city.
LINCOLN **Business College**
AND INSTITUTE OF PENMANSHIP, shorthand and typewriting. Best and largest college in the west. Students prepared for business in 1 to 3 months. Individual instruction. Full and experienced faculty. Send for college journals and specimens of penmanship to **W. L. BRIDGES & ROOSE, Lincoln, Neb.**

SCIENCE AND PROGRESS.

A BULLET PROBE WHICH IS OPERATED BY ELECTRICITY.

Acoustical Experiments That May Be Practiced Without the Employment of Costly or Intricate Apparatus, by Amateurs as Well as by Scientists.

The re-enforcement of sounds by the vibration of confined masses of air may be readily investigated, says Scientific American, without apparatus such as is commonly employed in acoustical experiments. A simple experiment illustrating the fact that a sound may be strengthened by a confined body of air is illustrated in Fig. 1, reproduced from the journal alluded to.



FIG. 1.—RE-ENFORCEMENT OF VOCAL SOUNDS.

The only requisite for this experiment is a paper tube 16 or 18 inches long and about 3 inches in diameter, or, in the absence of such a tube, a sheet of thick paper rolled into a tube will answer. This tube should be held with one end near the mouth, the opposite end being closed by the palm of the hand. By making a sound continuously with the voice, gradually rising in pitch, for example by singing O, with the voice rising from the lowest note it is capable of making, toward the highest note, a point will be found where the sound is largely increased. This increase of sound will occur at the same point in the scale each time the experiment is tried with the same tube, thus showing that the dimensions of the tube are in some way related to the re-enforced note, and to that note only. It will also be noticed that the vibrations of the air in the resonant tube not only affect the auditory apparatus, but also have sufficient power to be plainly perceptible to the sense of touch, the vibrations being felt by the hand.



FIG. 2.—SELECTIVE POWER OF A RESONANT VESSEL.

Another very simple experiment showing the same phenomenon in a different way is illustrated in Fig. 2. In this case the resonant vessel consists of a vase. Any vessel of substantially the same form may be used. The size is not very material, but by making several trials of different vessels a particular one will be found which will yield better results than others on account of being of the correct dimensions. The experiment consists in holding the vase obliquely in close proximity to the ear, then running the chromatic scale upon any instrument having sufficient range, preferably upon a piano or organ. Some note of the scale will sound much louder than any of the others. By tilting the vase slightly in one direction or the other, so as to cause the ear to partly close the mouth of the vase, the resonant qualities may possibly be improved, as the movement of the vase in this manner amounts to tuning the resonator.

Electrical Bullet Probe.

At a recent meeting of the New York Academy of Medicine Dr. Girdner, of New York, exhibited his telephonic bullet probe. The interesting feature of this probe is that it is operated by a current of electricity extracted from the body of the patient himself, in whom it is desired to locate a metallic missile. The construction of this probe is as follows: To each of the two terminals of a telephone receiver, an insulated flexible wire about four feet long is connected. At the free end of one of these wires a hollow, bulbous piece of steel is attached. At the free end of the other wire is a suitable handle in which a probe may be placed, and held by a clamp screw. The internal arrangement of the handle is such that a perfect electrical contact exists between the end of the probe and that of the wire which terminates in the handle; the same is true for the end of the other wire and the steel bulb. When a current of electricity is passed through the coil in the receiver by means of the bulb and the probe, each time that the current is made and broken a clicking or rasping sound is heard in the receiver held to the ear. All sounds are shut out except that heard when the bullet is touched; and the apparatus is so constructed that both hands are left free. A detailed description of this probe is given in The New York Medical Record.

Colored Mortar for Brickwork.

The Real Estate Review says that common bricks of almost any district may be so sorted as to produce contrast in tint or "tone"—red, and yellow or "cream color." This tint of the bricks may be preserved and heightened by using mortar of the same tone or tint. Furnace ashes and lime will produce a dark mortar, powdered red brick or red tile mixed with lime will give a red tone to mortar, and cheap mineral colors may be added to mortar for pointing. The color of mortar is sadly neglected, as generally the same white lime and sands are used for all tones of color in brick, and not infrequently white putty mortar is used for pointing the reddest as well as the lightest colored bricks—the light colored work having harmony of breadth and keeping, the red portion being frittered and broken up by the contrast between bricks and beds and joints.

Schools in New York City.

According to a recent estimate New York city educates about 300,000 children annually, in 184 school buildings, covering an area of thirty-five acres. These buildings placed side by side would extend more than two miles. There are about 4,000 teachers, and the annual expense of these schools is about \$4,000,000.

If men, the god of marriage, was the son of Venus and Bacchus. He is represented as a youth in a saffron colored robe, crowned with flowers, and carrying a torch and a veil.

A Russian "Affair of Honor."

A somewhat curious duel took place a few days ago at Kichenoff, the capital of the important Russian province of Bessarabia. A gentleman of the name of Paul Usakoff and Prince Temariar quarreled together about some trivial matter at the "Nobles club," and finally determined to settle their differences by a duel. On the following morning they met with their seconds and a surgeon on the outskirts of the city and exchanged three shots apiece without doing any injury to one another. On the following day they again met, at the club, and after a short conversation began to quarrel afresh with increased vigor. Growing more and more excited the dispute at length degenerated into a regular kicking and fist-cuff struggle. The prince, who all along had been the aggressor, was in the act of receiving a sound and well deserved thrashing, when suddenly the thin varnish of civilization gave way, and all his innate and national barbarism getting the upper hand, he flew with a wild yell at M. Usakoff, and, catching the latter's lower lip between his teeth, bit it completely off. It is needless to add that that terminated the fight. M. Usakoff is still confined to his bed, hopelessly disfigured for life, while his nether lip is deposited as a kind of corpus delicti at the police court, where the case will be tried when M. Usakoff is able to leave his bed. Meanwhile the prince swags about the town and the Nobles club is exceedingly proud of his "bonne bouche."—Vienna Neue Freie Presse.

Triumph of Grit.

We heard a rather illustrative story lately from one of our neighboring factory towns. An old fashioned Yankee of Quaker stock, who ran a small shoe factory, indulged in a theory that nothing could pry out of his mind that a moral wrong was somehow perpetrated upon the community at large if a woman were allowed to earn above a stipulated sum each week. As his help was paid by the piece, and he had to keep tally in the main with current prices, he found this rather hard to manage at times. The swift-footed one young woman especially troubled him greatly. She would persist in running financially ahead of others. At last he made a special cut down in her prices, and told her why he did it. She gave him a baleful glance, tightened her lips, and went on working. By Saturday night next, despite the cut down, she made ten cents above the week before. Another week went by, when he cut her down still more. The damsel still proved game and rose to the occasion. After a week or more the Quaker conscience grew "scared" and asked her what she meant. "It means," said the girl, "that you may keep on and I'll keep on till you have a corpse on your hands in this workshop, for I'm grit and you can't conquer me!" The race ended there, and the girl was allowed normal pay.—Boston Advertiser.

Sliding to Bases.

Pitcher Stagg, of the Yale club, is determined that the nine shall win every game it plays during the coming season. In order that this result may be accomplished he is training the candidates as candidates never were trained before. Capt. Stagg is a genuine Yankee, and it has just been discovered that he has lately been devoting his leisure time to a new scheme for teaching the nine how to slide to bases. He has constructed a pine frame 14 by 7 feet, covered with canvas, drawn tightly, and provided with an over-covering of velvet carpet, and has placed it in the gymnasium. It is in appearance much like a gigantic woven wire spring bed, covered with carpet, and its surface is elevated about four feet above the ground. The candidates run a distance of twenty feet or so, and then hurl themselves headlong upon this new machine. Capt. Stagg is certain that his new device will enable the men to practice the art of sliding bases and sliding to reach them at critical moments. The famous little pitcher says that the nine will be the best Yale has yet produced.—Philadelphia Ledger.

A Story with a Moral.

A gentleman doing business down town made an appointment with his wife, before he left home in the morning, to meet her at 6 o'clock in a fashionable up town restaurant, where they were to take dinner. She reached the restaurant a few minutes before he did. As soon as she entered it a man in a swallow tailed coat hastily advanced and told her in a decisive tone that she must leave, for women were not allowed there alone at that hour. She was nonplussed for a moment, but replied that her husband would arrive in a few minutes. The man would take no explanation, but threw open the door for her to leave. She burst into tears as she felt the shame of her situation, and walked out to the street, which she reached just as her husband arrived. In a moment there was a pretty hot scene in the restaurant, into which her husband rushed, but that did not mend the case for her. The moral of this incident is that superintendents of fashionable restaurants should always act with discretion.—New York Sun.

A Run in Flannels.

"Everybody in the trade is figuring on a great run in flannel shirts this spring and summer," said the proprietor of a downtown furnishing goods store. "We have laid in an immense stock. The indications are that we will not be disappointed, and that the flannel shirt, popular as it suddenly became last year, will be four times as popular this summer. Why shouldn't it be? It is the most sensible, comfortable and coolest fashion that ever struck this climate during the hot months. The flannels used in the better grades come from France and Scotland. The patterns are stripes and checks in all colors."—Chicago Tribune.

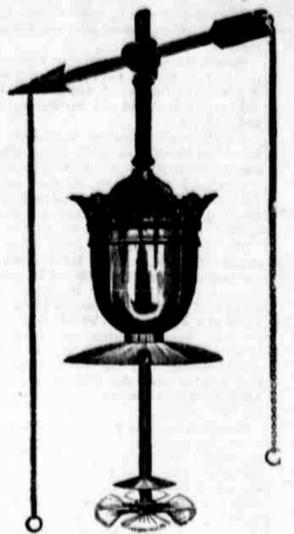
Art in the Parks.

"The Fairmount Park Art association," said an artist, "seems to be the victim of a series of artistic blunders. There are now two bronze groups on exhibition in front of the postoffice. One represents a lioness with three cubs—an unheard of thing. The other group is 'The Stone Age.' An Indian woman has just slain an animal with the primitive stone hatchet. The weapon consists of a wedge shaped stone driven through a piece of wood, and the handle is strengthened and the head scoured by two metallic hoops. A queer representation of the stone age, certainly."—Philadelphia Press.

The Latest Nuisance.

One of the present nuisances in New Haven is the boy who wants a stamp. He makes the life of the average business man a burden. A certain manufacturer of rubber stamps has offered an inducement to the boys by telling them that all who get 500 stamped names can have a rubber stamp with the boy's name on. So all the boys are "stamp crazy" now. A business man said recently that he had had at least twenty boys in his store during the day who wanted him to stamp his name in a book. The craze has spread all over town among the boys, and parents are besieged with applications to stamp their name in some book or other. Weighed paterfamilias say it is worse than the postage stamp craze among the boys, and that they work with a fruitfulness, zeal and diligence to get the 500 names that, if applied to their studies, would soon give them prize positions.—Boston Herald.

Ranson Carbon Light.



A WONDERFUL INVENTION.
This will Furnish the Consumer Twice the Light that is given by any other process and Saves Gas.

This light can be seen at our office 125 N. 11th St. Where Full Particulars will be given regarding its operation e.c.,
L. WESSEL, JR. General Agent.

KNOB HILL.

Scale, 100 Ft. = 1 Inch.

	SMITH		STREET.
3	24	1	24
2	23	2	23
1	22	3	22
2	21	4	21
3	20	5	20
4	19	6	19
5	18	7	18
6	17	8	17
7	16	9	16
8	15	10	15
9	14	11	14
10	13	12	13
11	12	13	12
12	11	14	11
13	10	15	10
14	9	16	9
15	8	17	8
16	7	18	7
17	6	19	6
18	5	20	5
19	4	21	4
20	3	22	3
21	2	23	2
22	1	24	1
23	0	25	0
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