

NEW ADVERTISEMENTS.

20 Ladies' Favorite Cards, all styles, with name, 10c. Post paid. J. B. HUSTED, Nassau, R. I. S. Co., N. Y.

IF You will agree to distribute some of our circulars, we will send you a CHROMO IN OIL FRAME, and a 16 page 61 column illustrated paper, free for 3 months. Inclose 10 cents to pay postage. Agents wanted. KENDALL & CO., Boston, Mass.

TRIFLING
With a Cold is Always Dangerous.
USE
WELLS' Carbolic Tablets,
a sure remedy for Coughs, and all Disorders of the Throat, Lungs, Chest and Mucous Membrane.
PUT UP ONLY IN BLUE BOXES.
Sold by all Druggists.
C. N. CRITTENTON, 7 Sixth Avenue, N. Y.

A HOME AND FARM
OF YOUR OWN,
On the line of a great railroad with good markets both East and West.
Now is the Time to Secure it.
Mild Climate, Fertile Soil, best Country for Stock Raising in the United States.
Books, Maps, full information, also, **"THE PIONEER"**
Sent free to all parts of the world.
Address, **O. F. Davis,**
Land Com. U. P. R. R.
OMAHA, NEB.

TAKE NOTICE. We have the largest and best selection of Stationery in the World. It contains 10 sheets of paper, 10 envelopes, pencil, penholder, go down pen, and a piece of water-proof jewelry. Complete sample packages with elegant gold pen, silver buttons and ladies' fashionable key chain and drop. Sent by mail, 25 cents. 10 packages, with assorted jewelry, 24 cents. Post paid. **DRIDG & CO., 759 Broadway, N. Y.**

TWELVE
articles in one. The **LLOYD COMBINATION**. Can be used as a Pencil, Penholder and Pen. Eraser, Penholder, Envelope, paper, Paper-cutter, Rubber, Sewing Machine, Thread Cutter, and for Ripping, Seaming, Cutting off Hooks and Eyes, Buttons, Fringing, &c. &c. A very common penholder, a heavily plated and well finished. Agents are earning money and say it is the best selling article of the kind. Sent by mail, 25 cents. 10 packages, with assorted jewelry, 24 cents. Post paid. **DRIDG & CO., 759 Broadway, N. Y.**

SIX STATIONERY PACKAGES, and SIX of the LLOYD COMBINATION. Sent by mail for **TWO DOLLARS.**
DRIDG & CO., 759 Broadway, N. Y.
sept 3

JUST RECEIVED,

We keep constantly on hand **Mank's & Stearns' Baltimore made Shoes,** each and every pair warranted.

—CALL ON—
R. L. DANNENBERG
THE LEADER OF
Low Prices.
mar 10
FRESH
SPRING AND SUMMER
GOODS!

Also,
A fine stock of liquors, such as
WHISKEY,
BRANDY,
WINES in great variety,
ALE,
BEER,
etc., etc.

The patronage of the public is solicited.
B. ROSEHEIM,
511 G St.



THE WHITNEY
Sewing Machine.
TRADE MARK
E. P. WHITNEY SEWING MACHINE CO. N. Y. N. Y.
MAY 25, 1865

WE CLAIM FOR THE IMPROVED
WHITNEY
SEWING
MACHINES

The following specific points of superiority:
1—Great simplicity in Construction.
2—Durability.
3—Exceedingly Light Running.
4—Still Running Noiseless.
5—Performs all varieties of Work.
6—Beauty of Finish and Workmanship.
7—GREAT REDUCTION IN PRICE.

Single Machines sent on orders direct from the Factory, written guarantee with each Machine.

WHY PAY OLD PRICES!
Send for circulars and particulars, Address,
The Whitney Mfg. Co.,
Paterson, N. J.
feb 17

SPRING HAS COME

AND WITH IT
A BEAUTIFUL LINE OF
LADIES' AND GENTS'
SPRING GOODS
—AT—

DANNENBERG'S.
CALL AND SEE THEM
And bring your change with you.
Our beautiful Centennial Stripes, at 1 one yard wide.
CALICOS AT OLD PRICES.
CLOTHING
IN GREAT VARIETY.
JUST RECEIVED
A beautiful assortment of Gents' Pants for a spring wear.
White Vests of all kinds, at all prices.
Boots and Shoes
The largest stock in the Boro.

We invite the attention of the public to our new and assorted stock of spring and summer
—GOODS—
Spring Calicos of the best brands and prettiest styles
Percales and Cambrics at 12 1/2 cents.
White Piques from 11 1/2 cent yard up.
Linen Lawns, and brown dress Linens, very cheap.
Nainsooks, Irish Linens, Towels, Pique Trimmings, Edgings, Insertings, Laces, Cotton Trimmings, Sheetings, Bleached and Brown Homespuns, Ties, Cottonades, Hoisery, Notions, &c., &c., &c.
at prices to suit the hard times.
Our stock of Gents' Goods is full up. We ask special attention to our line of Cassimers, which cannot be surpassed in price, style and quality, anywhere.
KEEP'S celebrated partly made Shirts on hand at \$5.00 per dozen.

SHOES! SHOES! SHOES!
A full and complete assortment of Shoes always on hand. We have a splendid lot of Ladies' and Gents' Fine Shoes which we will sell low, and which we take pleasure in showing.
HARDWARE! HARDWARE!
A full line always on hand.
McMASTER & BRICE,
mar 22
Ettenger & Edmond,
Richmond, Va.

MANUFACTURERS of Portable and Stationary Engines and Boilers of all kinds, Circular Saw Mills, Grist Mills, Mill Gearing, Shafting, Pulleys &c.
AMERICAN TURBINE WATER WHEEL.
Cameron's Special Steam Pumps
Send for Catalogue.
oct 19

IMPORTANT

—TO—
GARDENERS
—AND—
AGRICULTURISTS!
—O—

Emperor William Cabbage.
THE best, largest, hardiest and most profitable variety of **WINTER CABBAGE** known in Europe, and imported to this country exclusively by the undersigned, where, with little cultivation, it flourishes astonishingly, attaining an enormous size, and selling in the market at prices most gratifying to the producer. In transplanting, great care should be used to give sufficient space for growth. Solid heads the size of the mouth of a flour barrel is the average run of this choice variety. One package of the seed sent post paid on receipt of 50 cents, and one 3 cent postage stamp. Three packages to one address \$1.00 and two 3 cent stamps. Twelve packages sent on receipt of \$3.00.

Read what a well known Garrett Co. Marylander says of the **EMPEROR WILLIAM CABBAGE:**
BLOOMINGTON, GARRET CO.,
Md., Jan. 22, 1877.
MR. JAMES CAMPBELL, 66 Fulton St. N. Y.
Dear Sir:—I bought some seed from you last spring, and it was good. Your Emperor William Cabbage suits this climate well. On a mountain side the seed you sent me produced Cabbages weighing thirty pounds each.
Very truly yours,
JAMES BROWN.

I am Sole Agent in the U. S. for the famous
Maidstone Onion Seed
from Maidstone, Kent Co., England, producing the most producing the most prolific and finest flavored Onions known and yielding on suitable soils from 800 to 900 bushels per acre, sown in drills. Mr. Henry Colvin, a large market gardener at Syracuse, N. Y., writes, "Your English Onion Seed surprised me by its large yield, and the delicious flavor of the fruit. I could have sold any quantity in this market at good prices. My wife says she will have no other onions for the table in future. Send me as much as you can for the enclosed \$5.00."
One package of seed sent on receipt of 50 cents and one 3 cent postage stamp, three packages to one address \$1.00 and two 3 cent stamps. Twelve packages sent on receipt of \$3.00.
My supply is limited. Parties desiring to secure either of the above rare seeds, should not delay their orders. All seed WARRANTED FRESH AND TO GERMINATE. Cash must accompany all orders. For either of the above seeds, address
JAMES CAMPBELL,
mar 1-x10m 66 Fulton St., N. Y.

THE BALL STILL ROLLS ON
—AT THE—
GRAND CENTRAL
Dry Goods Establishment
—OR—
McCreery & Brother

COLUMBIA, S. C.
THE success attending the disposal of **OUR MAGNIFICENT STOCK,** which we put upon the market early this season at such low figures, convinces us that the public appreciate our efforts to supply them with the newest and most stylish goods.
Buying as we do from the first hands and for cash, enables us to offer
SUPERIOR INDUCEMENTS.
We are now receiving a new and elegant stock of
SPRING AND SUMMER
DRY GOODS
BOOTS, SHOES,
Hats and Caps

which will be sold at the same low ruling popular prices. We expect to do a **LIVE PUSHING BUSINESS,** and bargains will be offered daily.
"A word to the wise is sufficient."
Send Samples sent on application and expressage paid on bills over \$10.
McCreeery & Brother,
Grand Central Dry Goods Establishment.
T. A. McCreery, **B. B. McCreery,**
B. A. Rawls, **Wm. Horkan,**
feb 20

R. J. McCarley
BEGS to call attention to his new Stock of Boots and Shoes, all sizes and styles, at unprecedentedly low prices.
ALSO,
An entirely new Stock of Groceries, Sugar of all grades, Coffee, Rice, Hominy, Meal, Soap, Starch, Soda, Pepper, Tea, etc.
Fine Seed Irish Potatoes.
Choice Brands of Flour.
Best Corn and Bye, Whiskey in town.
Tobacco and Cigars, Molasses, Lard, Bacon, Hams, &c. Lowest market prices or cash.
mar 2
E. J. McCARLEY.

TRIUMPH OF THE TELEPHONE.

—O—
THE LATEST WONDER, IN THE ART
OF TELEGRAPHY.
—O—

Strakosch Experiments in Steinway Hall--Philadelphia Music Heard Miles away--How it is Done.
Strakosch, the Impresario, gave a private exhibition of the wonders of the telephone to a select party of friends in Steinway Hall, New York on Saturday night. At half past eight o'clock, communication was established with Philadelphia by means of a common Morse instrument. Then the receiver was brought forth and placed upon a closed grand Steinway piano. This "receiver" is simply an arrangement of long, narrow, hollow, closed boxes, sixteen in number, tapering from each end to the centre, the end box being about two feet long by three inches deep and three inches wide, the others tapering down to six inches long in the centre--looking like two cones of boxes with the apex meeting. A common magnet joins the two smallest, or central boxes. The boxes are fastened together by two strips of wood, with thumb-screws to tighten them at the pleasure of the person regulating the apparatus somewhat as a violinist will tune his instrument. The "receiver" having been placed up right, the wires end on the closed piano, the wires were attached to the magnet and word was transmitted to the player in Philadelphia to proceed with the concert. In the meantime, the enthusiastic Strakosch was explaining in an undertone to one of his friends the wonderful grandeur of the new system "Why my dear sir," said he, "it will be an incalculable blessing to the world. It will be the means of converting society. It will eventually lessen the long and terrible list of crimes now upon our criminal calendars. Men will learn to love music, and their baser passions will disappear. Who ever knew a man devoted to music to commit murder? We shall soon be able to give every family music just as water and gas are now received. We shall plant a monster telephone at some point, say at St. Louis, which is to cost about a million of dollars and to supply the whole of the United States with delightful melody. Then you can have a wire attached to a little "receiver" in your house, and, *voila!* you have music of the most bewitching kind. I tell you this is but in its infancy--yes, sir, in its very infancy."

In a few seconds the prelude to **HOME SWEET HOME** sounded, low and soft at first, then louder and sweeter in tone, the notes gradually swelling into the quality of those of a flageolet. Every sound was clearly heard, and when the last prolonged note had ceased, there was a clapping of hands almost as heartily as though some prima donna had been there and had sung the grand old song. After an interval of about a minute the opening notes of the "Last Rose of Summer" were sounded. This air was played somewhat quicker, and the pauses were not perfect in the first ten bars, but suddenly the higher notes of the score pealed forth, strong, clear, pathetic, revealing at once the tenderness and delicacy of the new instrument and its power in transmitting melody in the most delightful form. Next an air from Balfe's "Bohemian Girl" was ordered by the operator, and before the circuit could fairly be completed, the opening strains of "When other lips and other hearts" were filling the hall. This was rendered with faultless precision, the highest and the lowest notes being executed with special accuracy. To use a simile, the impression was as though a stringed orchestra was playing at a distance, the waves of sound following each other in regular, agreeable succession. It must not be understood that there was all the volume, the variety, the grandeur of an orchestra, but rather the echo of a band stripped of all the clashing and extreme tone. There is a softness, a fascinating medium in the notes of the telephone, which are as pleasant as they are inexplicable. "Yankee Doodle" and a variety of Scotch and Irish airs were next played, much to the gratification of those present, for it must be said that many had expressed grave fears that the performance would be a failure.

THE THEORY OF THE TELEPHONE
stripped as nearly as possible of technical terms, is as follows:
Sound is the final effect produced on the ear by a vibration or impulse transmitted through any elastic medium, aerial, liquid or solid. When a sudden blow is delivered to the air, the impulse is propagated through the air and ultimately reaches the ear as a noise. The energy of the shock of propagation determines the loudness of the noise resulting. This can be illustrated by dropping a pebble into the centre of a large pond of still water. Where the pebble strikes the surface a shock is administered. Immediately a circular wave is developed which extends more or less rapidly from the point of its generation and continues to propagate itself, until it meets with some obstruction. In like manner a wave is propagated in a volume of air, and is transmitted from particle to particle of the atmosphere until it meets with some obstruction, as in the case of the water wave. It must be remembered that a noise is the result of a single impulse or of a series of irregular impulses upon the air. *Sound*, or a musical note, can be generated only by a regular succession of impulses forming a series of rapidly recurring waves in the air. The rapidity of these vibrations decides the pitch of the note, when there are less than forty vibrations a second, the musical tone ceases, and only a fluttering sound is heard. If the number exceed 40,000 a second, the noise becomes a shriek. The actual range in music rarely passes above 5,000 vibrations per second, but sometimes in organ pipes falls below forty. The human ear contains a thin membrane stretched and the vibrations it receives from contact with vibrating air causes the sensation of hearing. Somewhat for sound. Now for the application of electricity to transmit it. It is well known that, if a coil of wire be wrapped around a bar of soft iron, and a current of electricity is passed through it, the iron will be magnetized as long as the current lasts, but as soon as the current ceases the bar is demagnetized. Now, it has been proved that the bar, while magnetized, expands somewhat in length, and also that during the process of elongation it emits a sound, which is produced by a vibration of its particles, during magnetization and which is capable of being developed when the magnetized iron rod is placed on a sounding board or resonator, just as the volume of sound emitted by a

A most important series of experiments followed. Taking a magnet with two wires attached the Professor placed it upon a small circular wooden "bar," then put both upon the sounding board of another piano that had been placed upon the stage. In a few seconds the strains of "Old Hundred" were heard heard all over the hall, like the lower notes of a small organ, gracefully re-echoing, as it were, the sounds from Philadelphia. Another order and the full chords of the "Doxology" were plainly distinguishable, the chords being as perfect as though the performer had been on the stage with the apparatus, first two, then three, four and five, demonstrating the wonderful scope to which the instrument can be adapted and the possibility of playing some very intricate music. This delighted the audience better than anything that had been done previously. Hymns were then played, "God Save the Queen," the "Conquering Hero," "We Won't go Home Till Morning," "Suwanee River," and numerous other pleasing airs afterwards delighted the audience.
Finally Mr. Gray tested the audience as a circuit. A common transmitter was connected to the battery and held by the Professor, who placed his forefinger against a disk faced with zinc, shaped like the human ear. The gentlemen then ascended the stage and formed a circle, one holding the wire, the others all joining hands, and the last one of the circle on the opposite side, clasping the wrist of the Professor. The disk was started, and the air of "Niodeemus" was produced through this human current, starting from the one holding the wire and ending at the tip of the Professor's fingers, from which the air was emitted, clear and distinct. Altogether it may be said that this new instrument, when worked with a full battery, will repeat melodies in the sweetest and softest manner. The rehearsal was a most decided success.