A PAPER FOR THE HOME

BEST IN THE WEST

SINGLE COPY FIVE CENTS. .

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OMAHA, SUNDAY MORNING, JANUARY 10, 1909.

MAIL ORDERS FILLED

BENNETT'S GREAT ANNUAL

See the Great Window

VHITE CARNIVAL

Monday morning we throw open the doors on our great January event the annual carnival and sale Muslin Undergarments, Embroideries and white goods of every description. 10,000 pieces of the daintiest and most beautiful muslin garments fresh from the factories; every piece new, crisp and of immaculate snowiness in the greatest sale ever planned by the Bennett Store.

We bought these garments much below the regular, many months ago, when the cotton market took a slump and when eastern manufacturers were clamoring for orders to keep factories and operatives busy. Every garment in the sale is a model of exactness with better materials, better needlework, more elaborate trimming, daintier laces and embroideries than could possibly be turned out heretofore at these prices. Besides, the styles are newer and every garment is cut wide and full-no skimping anywhere.

See the great store transformed into a fairyland of white. See the great white window front. See the "great white way" of bargain tables of embroideries and laces down the main aisle. Don't overlook the sheets, muslins and linens and white dress goods. A veritable carnival of bargains. At no other time are such bargains possible. Come.

MONDAY IS THE FIRST DAY

CORSET COVERS

- AT \$1.98—Four styles, allover Swiss novelties, \$2.98 values, at . . . \$1.98

Girls' Dresses

CHEMISES contd.

SKIRTS Entire stock long Cambrio Skirts, on sale at marvelously low prices. Price range varies from \$1.00, \$1.25, \$1.50, \$1.95, \$2.25, \$2.50, \$3.00 and \$4.50. Every garment an excellent bargain at the figures.

COMBINATIONS Dainty two and three piece Combinations on sale as fol-

\$2.48 and \$2.95 lines \$1.95 \$3.50, \$2.95 lines \$2.50 \$4.95 and \$5.95 lines

for \$3.95 \$6.50 and \$6.95



FREE-Any 15c Ladies' Home Journal pattern with the Quarterly Style Book, 20c

EMBROIDERIES

Every woman who reads this should buy embroideries in this sale to meet her needs for months to come. It's by long odds the greatest carnival of bargains on the world's prettiest, newest embroideries for the season of 1909. All kinds of edges, flouncings, beadings, bands, corset cover embroideries, etc., will be on sale. Wonderful underpricing on every piece.

Cambric Edges in widths 11/2 to 3-inches Embroidery Edges, Insertions and Ribbon Beading, Beautiful Swiss, Nainsook and Cambric 71c Embroidery Edges, Insertions, Wide Bands and Bead-ings, in match sets, up to 10-inches Corset Cover Embroideries, Wide Flouncings, Beadings, etc., in blind and eyelet effects, dainty match sets, actual 25c and 30c values, at15c Corset Cover Embrolderies, Flouncings and Beadings, Beautiful styles for combination Suits, all 30c values, at

ies, etc., in fine cambric and nainsook. Gorgeous patterns, values not duplicated in all America, worth 40c yard, at Petticoat Flouncings in elaborate blind and eyelet ef-27-inch Swiss Flouncings for children's dresses and

45-inch Flouncings or Skirtings, seldom offered for less than \$1.00 yard, all choice new goods, on sale at

Torchon Sets in Broken Lots

18c Laces for 10¢ | 10c Laces for 5¢

Muslins, Sheets, Etc.

24-inch Flouncings, Corset Gover Embroideries, six-

inch bands, ribbon beading and allover embroider-

white carnival price 36-inch Bleached Muslin, 10c quality for pillow cases, sheets, etc., white carnival sale 7¢ SHEETS-Bleached 72x90-in., three inch hems, regular 49c quality, carnival price 35¢ Heavy Bleached Sheets, standard brands, 81x90-in., regular \$1.10 quality, each......89¢ Pillow Cases-45x36-in., 3-in. hems, good mate-

BLANKETS

Heavy cotton blankets, in large 11-4 size, with fancy borders, gray or tan, regular selling for \$1.25, Monday, pair......89¢

3,000 lbs. CAPITOL Coffee On Sale MONDAY Bennett's Capitol 28c quality for

Laces, 1,000 dozen Val. Laces, all fine 60c

Everybody in Omaha knows Bennett's Capitol Coffee as the best and most delicious coffee sold at 28c. Never before offered for less—save 10c a pound.

String Beans, Bennett's

Strait's Cube Pineapple, can.....

Fancy Seeded Raisins, ib.

Evaporated Peaches, fancy ib.

Evaporated Apricots, fancy, ib.

Tropical Crystalized Ginger Tea.

Lace Curtains Underprice

A grand clean-up sale of all small lots ourtains-one to five pairs to lot. Patter s we cannot duplicate closing out ridiculously low. Nottinghams, Irish Point, Brussels, Cable Nets, etc., all included. A genuine sacrifice to send them out quickly.

\$1.25 Curtains for .. 69c \$3.75 Curtains for .. \$1.69 \$6.25 Curtains for .. \$2.63 DRAPERY SILKS-600 yards, 85c | SILKOLINES-2,000 yards Silkolines, quality; Cheney Bros. high grade Silks; Monday49c

in choice new patterns, worth 1219: and 15c; closing at, yard

100-Piece White Dinner Sets, \$5.98

This is a plain white American hundred-piece set, Mount Vernon from a salt cellar to a Jardiniere., WHITE CHINA for hand-painting. Our entire 30% off

stock Porcelain Dinner Ware Porcelain Dinner Ware White Covered Butter Dishes... White 18 inch Platters, each.... 6 inch Flat Plates, 2 for 3 inch White Bakers, doz. 75c 6 and 7 inch white Oblong Bakers

White Enamel Ware, \frac{1}{3} and \frac{1}{2} Off

1,000 pieces fine quality white and white enamel ware in greatest sale at lowest prices ever quoted in Omaha. Positive savings of a third to a half on each piece.

Large Drinking Cups, Pie Piates, Ladles, Mixing Bowls, etc. on sale Large Wash Basins, Mixing Bowls, Deep Pudding Pans, Sauce Pans, Baking Dishes, etc., for...... 190

Value to Physicists.

Physiologists and physicists will certainly

in the registration of speech and sound

tions which Messrs. Laudet have made into

tion of them to industry bids fair to furnish

them with fresh outlets for their commer

Georges and Gustave Laudet seemed pre-

estined to become inventors, for their

father, Georges Laudet, was a mechanical

engineer of considerable reputation. Among

his numerous inventions was that of the

steam crane in 1850. Ten years later he

invented a machine for extracting huge

blocks of stone from quarries and reducing

them automatically to paving stones.

Numerous models of his various inventions

ire still exhibited at the Conservatoire

either for the confirmation or the modifica-

or Scallops, any size or shape, 10c |

large Mixing Bowls, etc...... White Metal Teaspoons, set of White Metal Tablespoons, set of six White Metal Table Knives, set of six Preserving Kettles, Sauce Pans, extra | for for

SPECIAL STAMP OFFER

100 S. & H. Stamps with each ton \$250 coal ordered Monday. CAPITOL COAL-"The best that Burns"-ton-

DOMESTIC LUMP—Per ton..... offer is an extra inducement for you to send us your order tomorrow.

ROCKETS SING NATIONAL AIR

French Invention Reproduces Voice by Means of Explosives.

DIALECT SURE TO DISAPPEAR

Discoveries Include Wonderful New Methods of Photography, Voice Showing Slightest Infleetions and Variations.

PARIS, Jan. 9 .- (Special.) - If the hopes of Georges and Gustave Laudet, two French results are obtained by the aid of special savants, are realized the world at large apparatus and were communicated in 1965 dently promised, as the result of their reand the reproduction of the human voice that of ordinary speech. This intensity, as they shoot into the air and light up the detonating mixture or its composition. The "The Star Spangled Banner," or "Yankee wish to magnify the direct voice or repro-Doodle." Another result, it is said, will be duce it by taking as the starting point a the disappearance of all local defects in gramophone or phonograph disc. speech, including, of course, the American to make himself understood to a cockney n the vernacular of each.

Mesars. Taft and Bryan have made such ation effective use during the last few months. Speeches will then be communicated to

that "the line is blocked;" detonation fuses, under the action of heat, can inform a caretaker that a fire has broken out in a disto watch; and, finally, the speaking explosive might conceivably be used in warfare as a word of command.

Result by Gas Explosions. Georges Laudet's first discovery with re-

A Handkerchief Sale

dangerously close to half. Don't overlook the handkerchief sale for the

Women's 15c pure Linen Handkerchiefs will be on sule for ... 10c
Women's 25c pure Linen Hemstiched
Handkerchiefs will be ... 15c
Women's linen embroidered and lace
edge Handkerchiefs, worth 75c, on
sale for ... 39c

Mr., s pure Linen Hemstiched Handkerchiefs, full size, our regular 25c
line, on sale at ... 19c
Men's 50c pure Linen Hemstiched
Handkerchiefs, white carnival price
only ... 29c

Save Money on Linens

White Carnival Special

One of the greatest corset opportunities this department has ever

announced. A wonderful underprice purchase of over 1,000 corsets, of

various brands, America's best known lines, from the leading manufactuers. All choice, new, clean goods; perfect in every respect. Good

have every size and style to fit every figure. On sale Monday and the

styles, too. More than likely your favorite corset is in the line.

week. Values \$1.00, \$1.50, \$2.00 and \$3.00-White Carnival Price

Never better bargains anywhere on goods of quality.

Everything you need in linens on sale at a good, sharp price reduc-

dozen ...

\$1.65 linen bleached napkins-

TOWELINGS, ETC.

8 1/2 c crash toweling 51/2 c

10c glass toweling 61/2 c

12 1/2 c crash toweling 9 1/2 c

16c crash toweling121/2 c

HUCK TOWELS 12 %c towels now are.....8 %c

16c towels now are.....12 1/2 c

22c towels now are......17c
BED SPREADS

\$1.39 hemmed spreads....\$1.00

\$3.00 Marseilles spreads...\$1.98

\$4.50 spreads, very handsome

...\$1.25

greatest values ever are displayed.

TABLE DAMASKS

55c bleached damasks now .. 39c

75c bleached and cream damasks,

95c bleached damasks for 75c

PATTERN CLOTHS

2 1/2 yd. \$3.50 cloths now . . . \$2.48

yd. \$2.75 cloths now ... \$2.00

yd. \$4.25 cloths now \$2.98

2 1/2 sq. cloths, \$4.75 kind. . \$3.50

NAPKINS

\$1.25 linen, 18-in, nap., doz. .98c

\$2 linen bleached nap., doz. \$1.50

Corsets

\$1.50 linen bleached napkins-

sq. cloths, \$4 kind....\$3.00

gard to the reconstruction of sound was in 1986, and was obtained by the combustion of detonating gaseous mixtures. A detonating gaseous mixture is burned in a special burner, the portions in a state of combustion being constantly proportional to the curves representing the sounds spoken into the apparatus. The gas, as it burns, reproduces faithfully the sounds uttered. These will soon be introduced to several startling to the Academy of Science. The invention sensations. For instance, we are confi- reproduces all sounds, of whatever nature they may be, whether sung or spoken, with markable discoveries in word photography an intensity equal to eight or ten times of explosives, that we shall also the power of the apparatus, may be

For instance, if it is desired to reproduce twang, and hastening the coming of the a speech many times over. It must be regmillennium when the Yankee will be able istered first of all on a gramophone plate. which is then applied to the magnifying apwithout the aid of an interpreter learned paratus. If, on the other hand, it is merely desired to deliver the speech once, all that In days to come the discovery will de- is necessary is to speak it directly into the velop out of all recognition, as an election- apparatus, which reproduces it, magnified ering agent, the gramophone of which eight to ten-fold, without the least deform-

Invention Already Applied.

The invention has already received a mighty crowds far beyond the reach of the practical application. In certain theaters votes of even the "silver-tongued orator." a combination of the cinematograph and

applied to it his discovery of the reproduc-The success thus obtained with regard to

detonating gases started the brothers along ; a fresh path of research. Would it not be ossible, they asked themselves, to apply hese same principles to the reconstruction of sounds by fireworks and explosives? In order to grapple successfully with this new question, it was first of all indispensible to obtain the curves representing the sounds which they proposed to reconstruct. For some time, therefore, they devoted all their efforts to photographing sonorous vibra-

Speech Already Photographed.

They were not the first in the field. Human speech had already been photographed. Dr. Marage had succeeded in photographing it by using microphone currents as a medium, but this medium is very shortly be listening to rockets which, as magnified by increasing the pressure of the faulty, for it introduces deformations into the curves and thus renders abortive any skieh by their brilliant colors, will sing apparatus employed varies according as you attempt to secure absolute accuracy. It is though the study of the curves is far from impossible to obtain with it the niceties and shades of utterance. An illustration of this deformation is found in the mutilation which the voice undergoes in speaking over the telephone, especially in the sibilant or dissing consonants, s. ch, z, f. The brothers Laudet have now succeeded in obtaining word photographs by a direct mechanical process, without the medium of the micro hone. This process is for the present kept secret and only the results obtained have been communicated to the Academy of Science, without any details as to the apvarious industrial purposes.

have photographed human speech without harmonics, be it from the disappearance or the Academy of Science.

actor no longer makes his appearance in tained photographs of entire sentences with dumb show, but sings as well. As the absolute fidelity. A careful study of these gramophone is not powerful enough to be photographs has enabled them to draw tant part of the premises he has been set heard all over a hall. Georges Laudet has some important conclusions regarding the general phenomena of phonation; the mechtion of sounds by detonating gaseous mi- anism of the formation of vowels and consonants, the influence of pitch, etc.

Show Defects of Speech.

Their photographs are so sensitive as to show the differences in the articulation of different people, so that it is possible to study the causes of speech deformation and defects. As an illustration of the nicety and precision of the apparatus, it may be explained that in certain sentences it is possible to detect the alightest lisp and breath. In Gustave Laudet's own words: "When the mechanical parts which serve as the registering medium are displaced under the action of the sounds by infinitely smail quantities, these movements are perfectly reproduced on the photographic plate. Thus we have been able to photograph certain of these vibrations the magnitude of which did not exceed one-fifty-thousandeth of a millimeter!"

The Laudets call attention to an import ant consequence of their observations, albeing terminated. "The photographs of vowels, a. e. i. o. u. vowels sustained on a particular note, present successive periods dentical among themselves," said Gustave Laudet. "Such curves are, however, only obtained in registering song or slow conversations without intenstion.

Vowel Curves Not Identical.

"The registering of an ordinary conversation, on the other hand, indicates that organs forming and modifying the resonant which Messrs. Laudet think of applying capacities are constantly in movement; the their invention. result is their continual modification. whence arises also an equally continual

.20c-10 G. Stamp

ariation of the harmonics "As an illustration, we have taken from phrase at random a word of two syllables and have considerably enlarged it; the del- I tion of their theories. Take, for instance, icacy of our tracings has allowed us to re- Helmholtz's theories on phonation. Accordduce considerably the horizontal scale, so ing to Helmholtz each vowel is characteras to render more apparent these continual lzed by one or more fundamental harmonics modifications of vowels, the reappearance of accessory sounds and of different harmonies which have become graphically

"The curves of sound thus registered will justify them in disputing its accuracy. ender it possible to analyze more easily the phenomena of phonation, both from the and tradesmen who are watching these physiological point of view, as well as from discoveries with interest, for the applica the mathematical.

Boon to Voice Specialists. One of the immediate results of this dis

covery will be the services it can render to professors of diction and to specialists when called upon to diagnose diseases. malformations and peculiarities of the organs of the mouth and throat. In correcting peculiarities of pronunciation, such, for instance, as those of a Frenchman from the south of France, of a Breton, of an Alsatian, as compared with the recognized standard; or those of an Irishman or Scotchman as compared with the standard of pure English; the professor of diction will find his task greatly facilitated by being able to confront his pupils with the photographic proof of the peculiarities be seeks to correct.

The success which has attended their efthe successive periods of the curve of any forts along this line of research has been vowel whatever are not identical among so decisive that the problem of the rethemselves. All the time that the vowels construction of sound by means of fireparatus, as they contemplate applying it to are being pronounced they undergo contin- works and explosive matter is now assured ual modifications arising from the variation and will shortly form the subject of a By the aid of their apparatus the Laudets in volume of one or more of the composing fresh and sensational communication to of the School of Physics and Chemistry,

cial activity.

Specialist in Acoustics. M. Georges Laudet, his son, became civil engineer, and devoted himself above all to the study of electricity and mechanics. For the last eight years he has specialized in acoustics, seeking to reconstruct and amplify sound. The results he has obtained in that relatively short space of time are truly astonishing.

National des Arts et Metiers in Paris.

M. Gustave Laudet is also an engineer where he was a pupil of Prof. Curic, whose

going suggestions some of the uses to and whose tragic death is still in everyone's memory. Curie was worshiped by his pupils, who looked upon him as a dear friend rather than a professor. A little anecdote illustrative of this great scientist's modesty is too good to be omitted here, nake use of Mesers. Laudets' discoveries "At a time when the whole civilized world was ringing with Curie's fame," said M. Gustave Laudet to me, "I met him one Sunday up by the Avenue de l'Observatoire. He was wheeling the perambulator in which was his first born baby and his wife was hanging on his arm. They looked independent of the pitch on which the just like a couple of bourgeols out for vowel has been emitted. The investigatheir Sunday walk." Mme. Curie, whose modesty equals that of her husband, has this theory by the aid of their photographs taken the lamented professor's place at the College de France and is carrying on his It is, however, especially manufacturers work of research.

CHARLES DUBOIS.

His Father's Timekeeper. When Senator LaFollette is on his lecture tours during the summer he always takes his son Bob along as general manager. It is Bob's duty to provide the necessary too water, which the fighting senator imbibes in great quantities, and to call his father off when he has spoken long enough. For Senator La Follette, being the champion, generally speaks three or four hours on ordinary, not to say perfunctory occasions, and would be perfeetly willing to go on a couple more, Along about 11 o'clock each night, when he sees some of the audience looking sleepy, Bob generally gets close to his father and tells him to quit. The senator looks at his watch and tells the boy to sit down. After ten or fifteen minutes more Bob again calls time. This, too, is not generally heeded. The third and last "call down" comes about 11:30, and even Senator La Follette knows it is better not to provoke young Bob any further, and he

By using the various departments of The Applied to the petard it will warn a train gramophone may be seen, in which the the slightest deformation. They have ob- reappearance of certain of these harmonics. I have endeavored to sketch in the fore- name is forever connected with radium people who have money to spend Hee want ad pages it is easy to reach the