W. F. MARSHALL, Editor and Proprietor.

DEVOTED TO THE PROTECTION OF HOME AND THE INTERESTS OF THE COUNTY.

GASTONIA, N.C., FRIDAY, JANUARY 22, 1904.

#### RADIUM AS MEDICINE

VOL. XXV.

Dr. Morton Tells of His Fluorescent Cancer Cure.

BLOOD WEEDS SUMBHING, HE CLAYMS

Now York Physician Charges Artories With Actinic Solution and Rolenses Thornpoutic Perce by X or Radium Rays-Tuberculosis and Malaria Also May Be Cured.

Dr. William J. Morton of New York, professor of electro therapeutics, who recently made some discoveries in the therapeutic use of the radio active forces, gave, to the New York World some further details of his observation and theory.

"It is well known," said he, "that certain solutions are rendered fluorescent by radio activity and by the Roentgen ray. I have found a number of such solutions, such as quinine, esculin, fluorescin and orcin. The see of quinine, escuita and orcin is of a most beautiful blue and violet color, and where the violet end of the spectrum is found there is also found the ultra violet radiation. Both are capable of producing chemical effeets, which are usually known as the action of the actinic rays of the spec-

"It occurred to me that I might combine the properties which the X or radium rays have of penetrating buman tissue with these facts of fiveresrence. The idea is to flood a given organ or seat of disease with the fluores-cible liquid used medicinally and at the same time, by turning the X or radium rays upon this region, set up the desired actinic radiations, thus bringing to bear the ultra violet rays in a manner which could not be attained by any mere application from the outside,

"These solutions of themselves pro duce no result except to permeate the blood and place it in condition where it is susceptible to the rays of radium applied to any sent of disease. Blood of itself has a natural fluorescence and in deluging the arteries of the body, as I propose, with liquid sun-shine there is no violence done to nature. It was meant that the blood should have sunlight, and my method follows the law of nature. It was meant that you should have sunlight

"Radium or the X rays best exert their effects when the cancer is of the skin. They do not delve into the tissue or into the system. With the whol cody flooded with a liquid capable of scence it will readily be seen that by the application of the rays to the ased part from the exterior there will be a fluorescence developed right in the interior and at the precise spot where it is needed. For instance, if a as cancer of the nose the rays would be applied to that member. The solution be had taken would fluorence, and the violet and ultra violet actini rays would act directly upon the morbid tissues. There are many ways in which radium or X rays could be locally applied when once the system is Scoded with Sucrescible liquid. small are lamp-small enough to be swallowed-might be taken into the stomach, and this would excite fluores cence. Or a patient may be given the ter. This last, however, should be bandied delicately, as it is as yet rather a dangerous proposition to deal with.

"It is probable that a treatment may be evolved from this method that will will cure cancer and chronic malaria.

"It is practically useless to speculate as to what the finorescent discharge does to the living tissues, and there still remains to decide how this affects the cancer growth. This knowledge can never be reached until we know what cancer is, and we are still utterly ignorant of its nature. The most reanable theory as to its mode of action is that a mild leucocytosis is estabished, with a consequent ability of the living tissue to cope with and conquer cancerous cell proliferation.

"In the treatment of cancer or other

disease I would first enturate the patient's system with quinine or some other solution capable of increscence then submit the patient to the X ray or radium freatment. During a year or more I have pursued this plan pearly all my cases of cancer, and I

"Now as to the radium treatment of cancer. In general, the radiations from radium may be said not to be particularly dissimilar from the radiations generated with the Orocces town, the curative effect upon cancer is unlly similar. I am now using stage which I find is that the radium sait. which, as is well known, is contained within a very small glass tube, may with suitable contrivances he introduced within cavities where it has been heretofore practically impossible to introduce the X rays. For the treatment of external cancer with radi. cup, within which the redium tube is ed by means of a wire capable of over the part to be treated."

To Be Without der Cotton As a part of the efforts of the British to become independent of American rotton something like 30,000 acres will soon be under cutton cultivation on the West African coast.

Subscribe for THE GAZETTE.

BOYS WARNED OF CITIES.

"The farmer boy of northern indiana should beware of Chicago." This is one of the statements in an official bulletin which is being sent to teachers all over Indiana by the state board of public instruction in an at-

tempt to stem the tide of emigration of farmer bays to the great cities of the country, says an Indianapolis dispatch to the Chicago Tribune. The state board determined on its

action after receiving statistics showing estimates of the number of boys who have deserted the farm for the city during the last few years. It believes the vitality of the state is being supped and will at once begin a crusade to stop the movement.

"Tee many boys from the farms are seeking openings in Chicago, St. Louis and the other large cities of the west," the bulletin continues. "Personal in-vestigations have brought to light the fact that three-fourths of the boys who have migrated to the cities in the last five years have been unsuccessful in their undertakings, many having been forced almost into the unemployed

The bulletin then specifies Chicago and deprecates the fact that that city is drawing all the boys from the farms in the northern part of the state and continues

"It will be a sad day for our national life when all our young men farmers come to town, when the small, well cultivated homesteads give way to big anded estates.

The teachers in all the public schools of the country are urged to use all the influence in their power to make their pupils familiar with the hardships of city life and the few chances for them to get started in business in the great centers of industry. They are also urged to make their schoolroom busy workshops, where the sobility of honest

#### STORY OF BUSHNELL.

How Ohle's Former Governor Ap-pointed one of his Staff.

The following story concerning the former governor of Ohio, the late Assa S. Buahnell, was told by Victor Smith in the New York Press. When Bushnell was a candidate for the nomination for governor Harry Prettyman, a farmer, with 5,000 acres of the finest land in Ohio, went to the convention and worked for him. He was a delegate from Madison county. He was unknown in the state, but when the convention adjourned every member and made his acquaintance.

When Bushnell was elected the farmer went to him and said abruptly, "Governor, I should esteem it an honor to be appointed a member of your staff." The governor beamed and hawed and said he would consider the matter and confer with the leaders of Madison county politics, mentioning the names of three prominent workers. Prettyman held up his long finger and exclaimed in his most dramatic style: "Count me out, governor. Count me out. If it is necessary for you to con-suit the three men who have done most to injure you in the convention and elsewhere before you can decide upon my appointment I wash my hands of it, sir! If I am to be recognized it must se because you recognise no one in the matter but Harry Prettyman."
Bushnell looked at him for a moment

and said, "Colonel Prettyman, you are on my staff."

"Clotmania," Now Fud of Collectors. "Clefmania" is a comparatively modern form of the collecting craze, says the Chicago Tribune. It consists of an irresistible ambition to gather together keys of all sorts, sizes and shapes. One victim of the habit, a woman, openly confessed recently to having traveled over 100,000 miles in pursuit of her hobby, during which time she had ex-pended, entirely on keys, quite a reprises the key of the Nuremberg iron virgin, one said to have belonged to Cleopatra's jewel case, a huge tron specimen from the Tower of London picked up in a Wardour street shop, the one that used to unlock Anne Hathaway's cottage at Stratford-on-Avon and many others equally curious and

Hadn't Any Gall, "We always wondered what was the matter with a particular here in our flock of chickens," said a resident of the east side of La Porte, Tex., to the Chronicle reporter of that city the other day. "She would always mope the others were feeding and was never known to scrap with the other chickens for a morsel of feed. When our attenthought she was sickly, but she grew, thrived, laid as many eggs as any of the other hone and differed from the rest of the flock only by her display of timidity when feeding. Finally we concluded one day to put her in the pot. When we dressed her we found she had no gall, and our curiosity was nat-

Glass houses of a very substantial kind can now be built. Silenian glassmakets are turning out glass bricks for all sorts of building purposes.

A Winter's Blackt. Bleen the winter weather, even the blind-In the result oblimmey bright the red

Sames go!

Sweet the wind in singin' songs we love ap' know! Bloom the winter weather! Joy has still a

chabce!

How he shakes his ringists! How his bright eyes gladed!

Leve is in the land now: the girls have come to dance!

-Atlanta Constitution. Subscribe for THE GAZETTE.

#### NEW THEORY ON EATING

We All Eat Too Much, Says Horace Fletcher.

BE REALLY HUNGRY, HE ADVINES

Dollar a Day Guest at Walderf Astoria In New York Says Wait For Real Appetite and Masticate Thoroughly—In His Work, "The A B S of Our Own Nutrition," He Asks 1f Man Is Competent to Be Chauffour of His Own Body.

Horace Fletcher of New Haven, Conn., the man who boarded at the Waldorf-Astoria hotel, in New York, for \$1 a day, has deciared in a new book, "The A B Z of Our Own Nutrition," that Americans eat too much and eat unwisely, eays the Chicago Tribune. The result, he says, is a loss of energy and an invitation to disease. The majority of those who riolate the laws of health by overcating do so, he sserts, through ignorance and not because they are gluttons.

The author has found a way how not

to eat too much, according to his own statement, and at the same time eat all the appetite desires and in a way combining a maximum of good to and a minimum of cost and waste. The monetary saving by economic nutrition, be adds, is of little matter as compared with the saving of the waste of energy and the menace of disease. In his introduction hir. Fletcher says: "Nature never intended that we should

Weaken, depress and distress ourselves in the way that is common to present day living, as is made evident by the prevalence of discomfort and discome relative to our daily food. Nature's plan of evolution does not work that way in general, does not retrograde in the progress of the improvement of plants and dumb animals and certainly does not intend that man, the first assistant of nature in the cultivation of things and in the domestication of the powerful natural forces, should suffer and become degenerate contrary to the general law."

Under the caption, "Some Pertinent Questions," Mr. Fletcher asks:

"Considering my body as an engine, would I accept myself as a competent engineer on my own examination and "Were I an iron and steel automobile

naterd of a seeh and blood automobile, which I really am, could I get a license for myself as a chauffeur to run myself with safety, based upon my knowledge of my own mechanism and the theory and development of my power? "Were I an owner of valuable live stock, would I employ a farm hand er a stableman, even at so low a wage as \$15 a month, who knew as little about the proper feeding of my ani-

mals as I know about the proper feeding of myself and my children?" The "B" of "Our Own Nutrition" deals with the mechanical and chem-

ical physiology of nutrition.
"First, last and all the time be sure you are really hungry and no. pamper-ing false appetite," instructs Mr. Fletcher. "If true appetite that will relish plain bread alone is not present, wait for it. Repecially beware of the early morning habit craving. Wait for an earned appetite if you have to wait until noon; then 'chew,' 'masticate,' 'munch,' bite' and 'taste' everything you take into your mouth except wa

"Sip and taste milk and all liquids that have taste, as the wine tasters do. They never drink wine, and yet they get all the enjoyment there is in it and waste none. In a short time sipping and tasting liquids and masticuting and tasting solid food for 'all they are worth will become an agreea-ble and profitable fixed habit. Whether we 'eat to live or live to eat,' why

President Roosevelt has had a mons tota ridge in Alaska named for him, Rosseveit ridge. The ridge was re-cently explored and christened by Dr. Frederick A. Cook, who writes in Harper's Magazine for February bis second paper on "America's Unconquered Mountain," which is Mount McKinley in Alaska. Dr. Cook thus refers to the new Roosevelt ridge: "When looking at Mount McKinley from the west dur ing the greater part of our solourn we main mountain (McKinley) usually ing obscured under heavy clouds, \* snow free footbills, mostly pyramidal in shape, for which I shall suggest the name Hanns footbills."

### THE OLD RELIABLE



THERE IS NO SUBSTITUTE

# FOR THIS WEEK O

## Thomson Company's Big Cut Sale Will Close Saturday Night.

The big cut sale inaugurated by us last week will close Saturday night. Twenty per cent off on everything in dry goods department, Clothing, Shoes, Dress Goods, Carpets, Trunks, etc.

Some new arrivals of goods will add greatly to the attractiveness of this sale for this week. Don't miss this golden opportunity but come and see these wonderful bargains for yourself. This will be a regular trading feast for everybody.

DON'T FORGET THIS GREAT 20 PER CENT **CUT SALE AT** 

## Thomson Company's PHONE 46.

OMMANNAM MANNAM

SAFEGUARDS AGAINST FIRE. Chicago's New Ordinance to Make

Theaters Safe. The following is the Chicago Tribordinance for safeguarding theaters: Curtains.-Steel, with fireproofing on the stage side; to be raised and lowered by mechanical power and to be in constant use between acts.

Sprinklers.-Automatic or dry; to be

Seata.-Must be twenty-two inches wide, measure along the top of the back, and to be thirty-four inches spart from back to back; to be no more than ten seats between sistes.

Aisles.-Must be two feet eight inches or three feet wide, depending on con-ditions; must be straight and lead di-

"Standing Room."—Each theater ilse must state the number of seats. and no tickets can be sold in excess of

Stairways.-- No stairway may be less than four feet wide and no stairway have less than twenty inches in width for every 100 seats for which it is an

Exit Lights,-There shall be a separate and distinct system of ligh for the exits and stairways of electricity, gas or sperm oil, to be separate from the lighting system throughout the rest of the house and to be constantly lighted during performances. Height of Ground Floor.-- No theater

shall have its lowest bank of seats above the sidewalk level. Firemen.-Two or more compoten city gresses to be stationed in each house under the direction of the fire

Standpipe.-The stage to be equipped on each side with standpipes, with hose for every floor level in the house. Exits.-Euch finer to have two exit passages lending directly to the street or alley facing, to be fireprior and to be separate from every other passage. places, one under the control of the electrician and the other under the con-

LIKED ROOSEVELT'S HAT.

Stouch Mat Civen to Veterans In Sol-diers' Home at Grand Island, Reb. When President Bonsevelt was in Grand Island, Neb., last summer on ble way to the l'acific coust be wore a tion of the veternas at the Old Sol-

hat during the summer and the ensu-ing fall, and efforts were made by them to procure it from the president as a memento of his visit to Grand Island. When Judge Norris went to conthe innustes of the Old Soldiers' home requested him to call on the pro and try to get the coveled hat for

Accordingly Judge Norris re called upon the president and told him of the desire of the veterans to get his old hat. Colonel Roosevelt smilingly bunted it up and gave it to the con gressiani, who sent it to the Grand Island home with the president's compli-ments to the old soldiers.

#### LINCOLN'S SPECTACLES.

Those Worn by Mim When She Owned by Watertown Woman. A circipled treasure of Mrs. Andrew B. Carter of Watertown, N. Y., is a pair of spectacles formerly worn and owned by Abraham Lincoln. They were found in his receive at the time were found in his pocket at the time be was shot by John Wilkes Booth in Ford's theater in Washington, April 14, 1865, mys the New York World,

Mrs. Carter's father, William H. H. Keyes, was a private in one of the regiments quartered in Washington then and was on duty at the theater on the night of the tragedy. He was age through which the dying per was carried from the theater. As Lincoln was placed in the curriage the spectacion alid from his perior into the gutter, and before Keyes could re-stove them the carriage had driven away. Keyes afterward sent them to his wife, Mrs. Carter's mother. and they have since remained in the fam-ity. The ginsses are of the old fash-ioned kind, with heavy gold hows and octagonal oblong ginsses.

To fave the Old Sough, A collector of old English folk song has recently struck a gold mine in Som-eractaldre. In one village alone, of 500 inhabitants, he found forty folk nongs, some of which had ever been written down, while several go back at least three or four centuries. And he by no means cansiders the stock exhausted. but means to return to the same village and save some more from possible oblivion, says the Baltimore Herald. For, of course, the death of one old present in any village may mean the loss of a whole repertury of unput-lished sungs, and the idea of appealing to the local authorities to try to mave diers' home there, who turned out to old sorge, as they already save old sorge, as they already save old buildings, is fast galaing ground.

They continued to talk about that

Fancy weaves, yd., 10c, 15c, 18c, 20c, 25c. Mercerized, figured, 15c, 20c, 25c, 33 %c, and 50c yd. Plain whites, 10c to 50c yard.

#### Brown Linens.

Elegant quality, 15c, 20c, and 25c yard. Linen Skirtings, 25c yard.

#### Colored Ginghams.

Beautiful line, 10c, 15c, and 25c yard. All guaranteed fast colors. Colored mercerized, prettiest line on the market for the price, yd., 25c.

### Wool Dress Goods.

We have just received shipments of as elegant line of wool dress goods for spring wear, in all the new and leading shades from 50c to \$1 per yard.

#### Plain Silks.

We have just replenished our stock and have a full line of plain silks from 19 inches to 36 inches wide in the leading shades and black and white.

See our 36 inch black taffeta, our leader at 95c, and compare it with others before placing your order.

Remember our embroideries and laces at Sc, 10c, 15c, and 20c per yard.

## JAS. F. YEAGER. MONEY IN HAND



often enables a men to seize op-portunities which yield him a fortune. Every man can have money in hand if he will save tegularly, he the sum put aside ever so small. ever so small.
At the Gastonia Savings Bank

you can commence to deposit at any time with a sum as low as \$1.00, then you can add to it as you desire. Then the interest helps to make the sum that may lead to your fortune. Have you made the effort yet? Try it.

GASTONIA SAVINGS BANK,