

WORLD'S BIGGEST CANNON TO PROTECT NEW YORK.

The largest gun ever built is now being constructed at the Bethlehem (Pa.) Iron Works. This enormous piece of ordnance will weigh, when completed, 125 tons. It will exceed by six tons weight the monster gun which Krupp, of Germany, exhibited at the World's Fair, in Chicago, and in length it will be nearly five feet longer than the German gun.

This monster gun is being fabricated under the War Department. It is the largest order ever given to any establishment in the world.

The great gun is being built under the supervision of John P. Meigs, formerly a Lieutenant of the United States army and a standard artillery authority in this country. With him is associated Captain E. L. Zalinski, United States army (retired). The Government inspection work is in the hands of Captain Ira McNitt, of the ordnance corps of the army. All these gentlemen are on the ground and personally see to every detail of the immense undertaking as it progresses.

The intention of the War Department, it is understood, is to mount the great piece on a specially built foundation on Battery No. 2. The protection for this gun will be a turret, which will wholly enclose the crew and the greater part of the gun. From its position on Battery No. 2, the great piece of ordnance will have a full sweep of the channels leading into New York Harbor. There is not, it is declared, a vessel afloat to-day with armor of sufficient strength to resist

again as the weapon, while the cost for foundation will, it is estimated, round out a grand total of at least \$300,000. The foundation for the sixteen-inch gun will require a depth, it is said, of fifty feet if built by the basin. This foundation must be constructed of concrete.

IDAHO'S WOMAN GOVERNOR.

For Two Weeks Miss Margaret Reeve Filled the Executive Chair.

The news that for two weeks a woman had filled the executive chair of the State of Idaho—a thing unprecedented in this country's history—created an end of lively comment throughout the Northwest.

The woman is Miss Margaret Reeve, who for several years has held responsible places about Idaho's State building, having for the last four years been private secretary to the Governor.

When Governor Stenness was called to the northern part of the State on business of the State on business in connection with the State's first division of white pine timber, they were at their wits' end to know whom they could safely leave in charge of State matters during their absence, as Attorney-General McFarland had preceded them from the State.

It seemed for a time the trip would have to be postponed, or that one of them would have to remain behind, when Secretary of State Lewis suggested to the Governor that Miss

ELECTRIC CABS IN NEW YORK.



Electric cabs, hansom and broughams are a success in New York, as follows:

Electric hansom used in New York.

The best results obtained from these vehicles show that about 1.25 horsepower is applied to a propulsion of 2000 pounds over ordinary level roads at a speed of ten miles an hour. This consumption of power is a little over two and one-third times that of similar work on rails, which indicates that the equipment of the battery is carefully adapted to the total weight of the vehicle and just sufficient for practical traveling capacity. The maximum weight of a battery for a hansom weighing 3000 pounds is 1200 pounds for a distance of twenty-five miles at the maximum speed of twelve miles or at an average speed of six miles.

Children's Column



Johnnie's Return.

Johnnie had been away for a long time, and when he returned he found that his mother had been very busy. He was surprised to find that she had bought a new dress and a pair of shoes. He asked her how she had managed to do this, and she told him that she had been very careful with her money. Johnnie was proud of his mother and decided to help her in some way.

A MUTINY AMONG APES.

ON A VOYAGE FROM AFRICA THEY CAPTURE THE SHIP.

Officers and Crew Chased Through the Forest by the Apes, Who Force Them to Their Death. A Mutiny Among Apes.

"I have had some strange experiences," said the hunter, "and I have seen some things that I never saw before. It was during the period of the late war, when I was in Africa, that I saw some things that I never saw before. It was during the period of the late war, when I was in Africa, that I saw some things that I never saw before."

THE PREACHER'S SALARY.

An Evangelist Makes a Contract Which Pays Him Very Well.

In certain sections of the United States, notably in those where the religious expression is the strongest, and the congregations the poorest, and the characteristics are always combined, there is an ever present complaint as to what the preacher ought to have and what he is going to get, and it was on this subject a visiting preacher talked the other Sunday at dinner with a reporter.

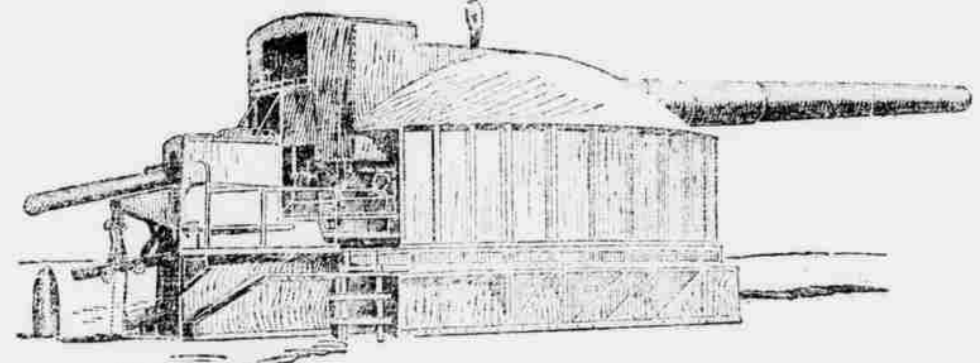
"An one of my special prayers which I had been called to pray for, was to conduct a revival in a style of the most earnest, though they did not think I was near enough to them."

"I wonder what that fellow expects to get?" said one.

"All that an evangelist can expect," said the other.

"What wages would you like to have?"

"I would like to have a salary of \$1000 per month, and I would like to have a house and a car, and I would like to have a good wife and a good family."



BIGGEST GUN IN THE WORLD TO PROTECT NEW YORK.

its shot. John P. Meigs estimates that a blow from the new gun would have a striking energy equal to that of a 2000-ton shell when running at full speed. The shot from the gun, he says, would smash, crack and batter down any armor which it would be possible for a ship to carry.

The caliber will be sixteen inches, the length from breech to muzzle, will be forty-two feet two inches. Through the breech in a vertical line the gun will have a diameter of exactly five feet. Mr. Meigs computes the weight of a shot for the new gun at a little over 2300 pounds. That means more than a ton of metal. The heaviest shot fired in England has not weighed over 2000 pounds.

The power for the American gun will weigh nearly 10000 pounds. Provided extreme elevation for range could be obtained, a shot from the New York Harbor gun should be able to travel more than sixteen miles. The greatest known range ever attained from the famous "Gulden Schot" in England. The distance measured about twelve statute miles.

The United States has never before attempted any heavier piece of ordnance for land defense than a twelve-inch gun. The weight of a piece of the latter caliber is approximately fifty tons. The new sixteen-inch gun, there is believed a piece of seventy-six tons increase in weight.

The shot for the new sixteen-inch gun was cast recently at Bethlehem. It was for the tube forging and weighed 82,500 pounds. The shot forgings is also cast. It weighs 30,000 pounds. Under the contract made with the War Department the Bethlehem works will turn out all forgings for the great gun. The tempering and annealing process will also be applied at the Bethlehem shops. When all the parts are cast, the tube, jacket and liners will be shipped to the United States arsenal at Watervliet, West Troy, N. Y. These they are to be assembled and made ready for service.

All metal used is fluid compressed. The specifications which are being adhered to demand the most exacting physical tests. Specimen pieces of metal are taken from all forgings, are subjected to elongation, breaking and bending tests. Finally every part of the gun must be of forged metal. The tube, for instance, has been cast and rough turned. It will have a mandrel introduced through its length and then be placed under the hammer.

For this latter stage the Bethlehem works have the largest hammer in the world. It is capable of delivering a blow of 120 tons, or some ten tons more than the famous Krupp hammers.

Reeve to left in charge. The Governor was almost stunned by the bold plan, but Miss Reeve had proved her self efficient, being familiar with all the routine work in the building, and the Governor consented to the plan, and Miss Reeve was left at the State house, clothed in full gubernatorial authority, which she exercised in a manner that not only gave satisfaction to the Governor, but has won her great distinction.

Before the Governor and party had been absent twenty-four hours matters of great importance were brought to Miss Reeve's attention. The Governor and Secretary of State had left a number of important items to which they had attached their signatures, and it was left to Miss Reeve's discretion to issue them or not—requiring applications for extradition from Governors of other States, and many other matters.

She sought justice, but the attorney informed her the most depend upon her, as he did not "care to be mixed up in the acts of any female Governor." When the Governor returned he was surprised at the amount of executive business that his substitute had transacted, and frankly admitted the excellence of her judgment.

Large Cast Iron Pipe Ever Moulded.

The largest pipe ever cast was turned out at Bessemer, near Birmingham, Alabama, the other day. The pipe was seventy-two inches in diameter at the top, and seventy-six and one-quarter inches in diameter, outside measurement, and twelve feet six inches long over all. The metal in it weighed 29,000 pounds. The seventy-two-inch pipe was moulded for the New Orleans & Northern Railroad, to be used for culverts under their tracks. A small river can flow through one of these pipes. It is as large as the great sewers of Paris which were built of brick and stone.

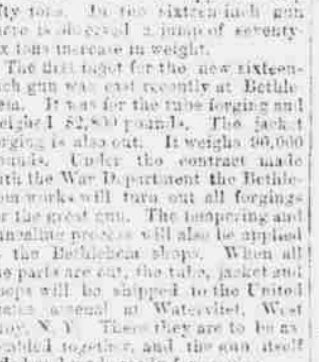


CHURCH MADE FROM A ROCK.

Church Made From a Rock.

The church recently founded on a rock, the tenth anniversary of the Presbyterian Church at Waterloo, Iowa, was celebrated a short time ago. There would be nothing remarkable about that, only that the church is part of a solid rock, having been cut out of a big boulder ten years ago.

General Boulanger's black charger, on which he hoped to ride to a throne, like an enormous fool.



MISS MARGARET REEVE.

although in one instance—the case of an application for extradition—he said he would not have issued it until he had given the protestants a hearing. He has announced his determination to defend with vigor every act of "Governor Reeve," including those quoted.

Currents in the Atlantic.

Experiments have been going on for the past two years for the purpose of trying to learn something of the characteristics of the Atlantic ocean as a great moving body of water. As a result the whole Atlantic is shown to be slowly circulating round and round, like an enormous wheel.

The Hermit Crab.

The hermit crab is not so well respected as most of his relations, for he has had no shell of his own. He is therefore forced to protect himself by putting in an empty shell, usually that of a snail, and then walks about dragging this "house" after him.

Sometimes the hermit crabs will obtain possession of the shell of a dead crab, and then there is a little row. When the crab grows larger he only has to change his old shell for a new one, and it is very amusing to see these creatures slipping the tails first into one shell and the next another, until they have pleased themselves with a good fit.

They may be found at all times from the crab that flies, to the little one whose habitation hardly exceeds the size of a pea.—Detroit Free Press.

Owl.

A large round head, with enormous eyes looking forward, a distinguishing mark of this species. Many species possess two feathers tufted on the head, either resembling horns. The owl is a nocturnal bird, preferring to be seen at night, and sleeping during the day. In order to enable them to see their prey, their eyes are enormous in size, and capable of taking in every ray of light. Their power of vision is also increased by the method in which their eyes are used in a kind of loose socket, just like the wings of a bat. This method of vision is very common in nocturnal birds. The power of hearing is also very developed, and they possess three ears in each side of their head. They are furnished with a sense of feeling of extraordinary delicacy, which also prevents the movement of the wings from being hindered by the same sense, and a miracle is their flight that they are able to be borne along by the wind like a leaf of the following.

A Few Words to Girls.

Your everyday toilet is a part of your character. A girl who looks like a "fairy" or a "daisy" in the morning, is not to be trusted, however finely she may look in the evening. No matter how humble your room may be, there are eight things it should contain: viz: a mirror, washstand, soap, towel, comb, hair, nail and tooth brushes. These are just as essential as your breakfast, before which you should make good and free use of your "Parsons," who fail to provide their children with such appliances, do not make a great mistake, but commit a great omission. Look to it, the morning, and after the dinner work is over, improve your toilet. Make it a habit of your daily life to "dress up" in the afternoon. Your dress, too, need not be anything better than plain, but with a ribbon, or some bit of ornament, you have an air of self-respect and individuality, that invariably comes with being well dressed. A girl with fine sensibilities cannot help feeling embarrassed and awkward in a ragged, dirty dress, with her hair unkempt. If a stranger or neighbor comes in. Moreover, your self-respect should demand the decent appearance of your body. You should make it a point to look as well as you can, even if you know nobody will see you but yourself.

Young Heroes of '76.

Of the boy heroes of the revolution, the first and almost forgotten one was Nathan Bennet. In the spring of 1776 he lived with his father, a farmer, near the village of Shoreham, which was opposite Fort Mifflin.

Nathan Bennet was an American, devoted to the cause. Being of a daring disposition and fond of play, Nathan had often crossed the lake and

WHAT WIND MAKES.

When the wind blows, it makes a noise. It is the sound of the air moving. The wind is caused by the sun heating the earth, and the air expands and rises. The wind is a natural force, and it is important to know what it makes. The wind makes a noise, and it is the sound of the air moving. The wind is caused by the sun heating the earth, and the air expands and rises. The wind is a natural force, and it is important to know what it makes.

The Preacher's Salary.

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