

WORKERS STALL BROOKLYN CARS.

OUT FOR BETTER WAGES.

The Men Cut Wires and Place Huge Boulders Upon the Tracks—Thousands of Police on Duty.

A street car strike is on at Brooklyn. It was declared last Sunday morning. With the same promptitude that a 12 o'clock whistle is obeyed was the order to go out heeded. Street cars and passengers were left standing in the middle of blocks. Wires were then cut, rails torn up and progress of cars operated by non-union men blocked by huge boulders.

The company endeavored to run cars with non-union men on all lines, and there was much disorder. Many arrests were made during the day. On some lines the company maintained a regular service, and on others they failed altogether. Cars were unable to run to the ocean beaches. The tie-up has not been nearly so complete as the labor leaders said it would be.

Police Captain Allaire is on the ground, and the police are being placed at different points in very large squads. The employees of both elevated railroads have decided to go out.

For some weeks past the employees have been complaining that the management did not live up to the 16-hour law. The men demand a revision of the time tables at the different bars, and also assert that they should be paid 20 cents an hour for overtime, which is equivalent to 42 a day, the price which they get for a working day of 10 hours.

Shortly after midnight about 1,000 policemen from the precincts in Manhattan and the Bronx districts were sent to the different bars, and many were placed along the several routes comprising the territory covered by the Brooklyn Traction Company.

During the day 300 additional police were sent over from New York, and a close watch was kept all along Brooklyn bridge to see that no person could interfere with the trolley wires.

At noon President Roosevelt's private car Amper started from the city hall, and made a round trip. On board were Chief Engineer Breckinridge, W. W. Wickes, President Roosevelt's private secretary, and Assistant Secretary Van Cott. Accompanying these were Headquarters Detectives Reynolds, Harrington, Gray and Stoddard.

The Ampere, after coming to the Flushing extension, ran to Coney Island, the car traveled over the Fifth avenue route, and as it neared Twenty-third street, those on board found their further progress impeded by a stalled car.

Here a crowd of some 500 people, many of whom were women and children, had congregated, and the motor-man of the Ampere, Howard Jackson, was attacked by several men, who were stiller and in sympathy with them. He received some nasty bruises on the head and legs.

Secretary Wickes was one of the first to run to the man's assistance, and he was finally rescued from the mob. Six arrests were made, and the track was cleared.

Commissioner of Police Hess informed Mr. Roosevelt that he thought the sending out of his private car was impolitic, and to use his own words, it was like "shaking a red rag in front of an enraged bull."

TERSE TELEGRAMS.

The rebellion in Peru is spreading. Up to date there are 148 yellow fever cases at Santago.

Clara Barton has established 12 orphan homes in Cuba.

The town wall at Flemingsburg, Ky., has developed into an oil well.

At Detroit Thursday eleven sailors who were with Dewey got their medals. English capitalists are said to have paid \$5,000,000 for oil lands in Ohio and West Virginia.

A mule kicked Fred Miller's ear off at Philadelphia Tuesday. The ear was sewed on and may heal.

Half the business part of Freewburg, N. Y., was consumed by a fire started by a flash of lightning.

A copy of the first folio of Shakespeare was sold at auction in London for \$5,000, a record price.

Twenty thousand members of the Epworth League are in convention at Indianapolis, Ind., this week.

A Philadelphia man has invented a process by which ice can be produced at one-fifth of its present cost.

Gabriel Christopher, who attempted to solve perpetual motion committed suicide at Pittsburgh last Sunday.

The battleship Iowa is being detained in dry dock at Seattle, Wash. There are serious breaks in her furnaces.

Russia is pleased over the friendship existing between President Loubet of France and the German emperor.

W. H. Sutton died in the Klondike last February. He left considerable wealth and his relatives are wanted.

Washington authorities have decided that banks cannot place revenue stamps upon checks for their patrons.

H. C. Lowrey, a government revenue informer, was killed by moonshiners in the Blue Ridge mountain of Georgia.

White Caps near Little Rock, Ark., rubbed lye soap all over James Irwin, an innocent, and terribly burned him.

There is reason to believe that the President will recommend in his annual message to congress an army of 100,000 men.

The works of the Ritter-Conley Manufacturing Company at Allegheny, Pa., suffered a fire loss of \$150,000 last Wednesday.

The Westinghouse Electric Company of Pittsburgh will build a plant at Manchester, England, and will employ 5,000 workmen.

Wm. Ross, who has just reached Washington from Cuba, says the people who own property favor annexation to the United States.

The Baltimore and Ohio railroad has instructed its detectives to arrest and prosecute every tramp found trespassing on the railroad property.

One of the yards of the New Orleans Cypress Company, containing nearly 4,000 tons of cypress was burned. Loss, \$120,000, with \$75,000 insurance.

Russell Sage is being dropped from the directorate of several New York companies, and the aged millionaire is fast losing influence in Wall street.

Charles Moebs, a boy of Paterson, N. J., was shocked by lightning last Friday. A match safe and the eyelets in his shoes were melted. The boy will recover.

Seven deaths from lockjaw were reported in and near New York Tuesday, making thirteen deaths from the disease since July 4. Other victims are still alive.

A mob at Gainesville, Ga., broke into a jail and shot to death in his cell St. Smith, a farmer who had killed William Bell, a commercial traveler from Atlanta.

Near St. Louis a painter named Raymond fatally injured a woman by driving a hairpin into her brain with a lynch pin, and his neighbors tried to lynch him.

Following a family quarrel, Mrs. Geo. Treider shot and killed her mother, Mrs. Christian Foss, wounded her husband and killed herself at Libertyville a few days ago.

All churches and Sunday schools in Frankfort, Ky., and all public schools were ordered stopped for 10 days, for fear of a spread of smallpox, there being already 40 patients.

The woolen trust, by combining 28 mills, expects to effect a saving of \$2,000,000 a year in the selling of its product, and \$500,000 a year in the purchase of raw material.

During the Spanish war Helen Gould contributed to the comfort of the Ohio Volunteers. The boys are now contributing for a medal to be presented to this noble woman.

X-rays have located a bullet in the body of Capt. Charles D. Cloy of Louisville, Ky. He was wounded in Manila, and he will return when the bullet has been removed.

Three possums amounting to 120 men started from points in Wyoming on the trail of Swift Bear, an Indian, who, with 100 Sioux bucks, is making for the South Dakota bad lands, plundering as he goes.

Twenty-seven business houses, the pumping station of the water works, the fire engine house and the city jail were destroyed by fire last Monday at Bainbridge, Ga. Loss, \$60,000; insurance, \$25,000.

A five-year-old boy, Carl Boerner, was the subject of fits was given whiskey by his mother upon the advice of a doctor. Friday he was sent to a New York hospital suffering from delirium tremens.

The Westinghouse Company of Pittsburgh has secured a contract from Russia to equip the railroads of that country with airbrakes. The contract extends over a period of four years and represents \$13,000,000.

Fred S. D. Delrick, a Harvard student, entered suit against Samuel Watson of Allegheny, Pa., for \$500, alleged to be due him for influencing Robert Watson, of Allegheny, while a student at Harvard, to study and behave himself.

The Standard Underground Cable Company, of Pittsburgh, has purchased three and a half acres of land on the New Jersey coast, and will build there a plant for the manufacture of submarine cables.

Tom Brinneger and Tom O'Hara, two lads of Middlesboro, Ky., were induced to leave home three weeks ago by an umbrella mender. After much search they were located by their parents and brought home. They had been cruelly treated.

Ret-unioned after 25 Years.

F. G. Getchell, an insurance agent living at Cleveland, Ohio, was kidnapped when an infant 25 years ago, and his mother were united Wednesday night. The mother, Mrs. Emma Smith, came from Birmingham, Alabama, where she was located after a long search and was met at the train by her son, who is now married and has two small children.

All of the Passengers Saved.

The steamer Fortia, from New York for Halifax, was wrecked during a dense fog early Tuesday evening off Flinn's Island, off Sarnbo, a point about fifteen miles to the eastward of Halifax. The passengers and crew, 115 all told, landed on the island in the ship's boats and are all comfortably housed there. No loss of life is reported.

BUSINESS HOUSES IN JEOPARDY.

CASHIER'S CRIME.

Funds of the Middlesex County Bank to the Amount of \$165,000 Missing.—Relatives May Make Shortage Good.

George M. Valentine, cashier of the Middlesex County bank of Perth Amboy, N. J., which was closed last week, has hurriedly himself and is now in jail on account of a shortage in the bank's funds, which has been variously estimated all the way to \$165,000.

The affair caused consternation and dismay among the business men of Perth Amboy, where the Middlesex County bank was considered as strong as the eternal hills. So many of the residents of Perth Amboy became when it was learned that the Middlesex County bank had failed to open for business that crowds surrounded the Perth Amboy Savings Institution. What made the run on the savings bank appear all the more serious was the fact that the officers of the Middlesex County bank and the officers of the Perth Amboy Savings Institution are identical, the business of both banks being transacted over the same counters.

Though it became necessary to call for the aid of police for the purpose of maintaining order, U. B. Watson, the president of the bank, says that the funds of the Perth Amboy Savings Institution were not touched, that the \$300,000 deposited to the account of the Savings Institution is absolutely safe and that no matter how badly the Middlesex County bank has been wrecked the Savings bank will be able to meet all demands made upon it by the depositors. These words of assurance from the officers of the Savings Institution had the effect of checking the run on this bank during the afternoon.

The notice posted on the door of the Middlesex County bank was as follows: "Bank closed. In the hands of banking department."

The Middlesex County bank was operated under a state charter and had been in operation many years. Cashier Valentine was for many years in the Park National bank of New York. In 1893 he was made cashier of the Middlesex County bank. His relatives are wealthy and it is said, will endeavor to make good the shortage.

The Park National bank of New York has obtained an attachment in the sum of \$150,000 against the Middlesex County bank of Perth Amboy, N. J.; \$30,205 on overdrafts and \$1,302 due on collections. The attachment was granted by Justice Stover of the supreme court. Deputy Sheriff McGuffie attached mining stocks and bonds belonging to the bank at the office of the Park National bank.

George M. Valentine has made a full confession to his father, wife, uncle and counsel. He said:

"I run debts back to when I was given a red-edged tip on gas stock by a man who said he was in a position to know, and who said that it was going up. I took \$25,000 from the bank funds. I lost it all almost in a day. From that time until I made my last gamble on Monday, when I lost \$8,000, which I took from the Perth Amboy savings institution, I tried to cover up my losses. Of course, I failed. I have six cents now."

MODERN FIREMEN.

Not Only Put Out the Flames but Resuscitate the Unconscious.

Fire at New York Wednesday morning in a five-story brick tenement house caused the death of a little girl, Rachel Silber, and injured a dozen other persons, none of whom will die. Fifteen families lived in the house, and the fire broke out in the kitchen but for the heroic efforts of the firemen. The most seriously injured are Samuel London and Mrs. Bessie Bosick. Ten others were overcome by smoke, and are suffering from burns.

When the fire broke out the firemen were laid out on the sidewalk and resuscitated according to the "first aid to the injured" rules which Dr. Janeway helped to teach the firemen some months ago. When the hospital ambulance came the surgeons said that the lives of the victims would have died had not the firemen helped them in this way.

PICKED UP AT SEA.

Daring Navigator Fails to Complete His Journey.

The British steamer Holbein, Captain Sherlock, New York July 1, for Manchester, which arrived at Liverpool Monday, was picked up by Captain William A. Andrews, known as the "Lone Navigator," who left Atlantic City June 18, in a little craft named "The Doree," barely 12 feet in length, to attempt to cross the Atlantic.

Captain Andrews was found exhausted July 12, about 700 miles from the Irish coast. His boat was left adrift.

Captain Andrews, when he left Atlantic City, took an easterly course and headed direct for the Azores islands, where he expected to stay for a few days to reposition his larder. He hoped to make the voyage to England in 60 days.

The British steamer Camperdown spoke him on June 28. Captain Andrews and his crew were well and declined assistance.

Boating Party Drowned.

Frank Ray, with his sweetheart, Catherine Winsay, and Clifford and James Shannon, started on an excursion up the Ohio river in a naphtha launch at Cincinnati a few days ago. The launch had a small, flat bottom boat, known as a "johnboat" in tow. Frank Ray playfully jumped into this boat and the others, against his protest followed. The boat filled and sank, and Ray alone was rescued.

Rudyard Kipling's right thumb has been bitten by a dog, and is considerably inflamed. He carried his thumb in a sling, but it is not thought the injury will have serious consequences.

Chicken Saved the Family.

Chickens saved the lives of the family of R. H. Ludlow, near Richmond, Va., last Thursday at the cost of their own. A negro who had been discharged put poison in a pot of tea. The tea was accidentally spilled on some bread, which was then thrown to the chickens. The fowls died in a few minutes. The negro was arrested.

Smoked 100 Cigaretts a Day.

Marc Sanchez, 25 years old, became violently insane at New York, Thursday morning as the result of excessive cigarette smoking and attempted to jump from a third-story window. He was finally overpowered. He smoked from 75 to 100 cigarettes a day.

Dissected a Living Dog.

John B. Flisbee, a student at the medical school of the University of Buffalo, was charged before Judge Woodward at Jamestown, N. Y., a few days ago with dissecting a living dog before the high school class at Billington. He was held for the grand jury.

MAN OR BRUTE.

Upon This Decision Depends the Life of a Showman.

Upon the question whether his victim was brute or human depends Archie H. Brower's guilt or innocence of the crime of murder.

Brower was one of the owners of a small tent show which came to Bonesteel, S. D., for exhibition. Among their attractions was a creature of seemingly a higher form of animal life than a monkey and lower than a man.

Brower and Thornley, called the animal the "Missing Link," and laid great stress on the alleged fact that no one was able to say whether it belonged to the human or the brute creation. Brower now avers that the freak was a monkey.

In a scuffle with it the showman became angry, and seizing a heavy club dealt his antagonist a hard blow over the ear, from the effects of which it died in a few hours.

The authorities immediately placed Brower under arrest on a charge of murder. At the preliminary hearing his lawyers set up the defense that their client did not take the life of a human being, but the magistrate bound him over to the grand jury.

A CORPSE FOR COMPANY.

A Lonesome Miner Digs Up the Dead Body of a Friend.

Dr. Leroy S. Townsend, who bravely aided the scurvy-stricken Copper River miners, tells a gruesome story of how Charles Johnson, a prospector, trying to escape the terror of his own feelings, exhumed the snow-buried body of his dead partner, Peter Benson, and talked to it. Benson had froze to death while trying to cross Valdez glacier from the interior to the coast. In explaining his action, Johnson said:

"I did it for company. It gave me real comfort. I should have died from terror in that silent Arctic waste if it had not been for the companionship of poor dead Pete.

"Each time as I felt the horror gathering in my brain, I would look at Pete and talk to him, as though he were alive.

"I must have sat there for an hour. Then I felt that I was slowly freezing and would soon be dead if I did not move. So I jumped up, buried Pete again in the snow and started down the creek."

DEWEY AT SUEZ.

Srenuous Effort Made to Have Him Visit Turkey.

The United States cruiser Olympia from Colombo, Ceylon, June 28, is now at Suez. Admiral Dewey on his arrival said he was in very good health. He appeared to be in excellent condition, which was also the case with his officers and men. Most of them have suffered from malarial fever, but have now quite recovered.

After passing through the canal the admiral will go to Trieste. There after the admiral's plans are uncertain. Possibly he will go to Gibraltar and thence to New York.

The United States minister at Constantinople, Oscar S. Straus, has urged that Admiral Dewey visit him. In fact, he would like to see the admiral at Trieste. The admiral's plans are uncertain. Possibly he will go to Gibraltar and thence to New York.

GEN. BOOTH'S NARROW ESCAPE.

Assassin Attempts to Take His Life But Breaks a Soldier's Arm.

An attempt was made at Stockholm Wednesday to assassinate Gen. Wm. Booth, commander-in-chief of the Salvation army. The salaried army has been holding a revival for some time in Sodermalte, a suburb of that city, and Gen. Booth came from England to encourage the movement.

A large crowd assembled to greet the general and as he was entering a carriage a man dashed at him and attempted to strike him a heavy blow with a piece of iron pipe. The general did not see the man, but an officer who was standing beside him threw his arm in the way of the weapon as it descended with crushing force. The general escaped unharmful, but his arm was broken. The assassin escaped in the confusion that followed.

A Mayor Regulates Prices.

The influx of Cubans into Bayamo, province of Santiago de Cuba, in anticipation of payment for the surrender of their arms, continues, and the merchants of that place have attempted to regulate prices. They raised prices beyond reason, whereupon the mayor argued with them, pointing out the injustice of their attitude. The merchants, however, refused to modify their prices, and the mayor, therefore, issued an order regulating prices and providing a heavy fine for violation of the ordinance. Food is now cheap and the price of liquors is high.

Spaniards Held for Ransom.

Gutierrez Cells, a wealthy Spaniard, of San Cristobal, Cuba, has been kidnapped by bandits, and is held awaiting a ransom of \$5,000. Cells disappeared over a week ago. His friends heard from him on Saturday stating that he was held by the bandits in the mountains. Members of the rural guard have started in search of him. Several other rich Spaniards have been notified anonymously that bandits are plotting to kidnap them.

Senator's Son Dies of Lockjaw.

Senator Edward T. Brackett's 9-year-old son, Edgar, died Tuesday evening at Saratoga, N. Y., as the result of a Fourth of July accident. On that day a small toy pistol, shooting blank cartridges, was rightly injured the palm of his left hand. The wound was dressed but lockjaw set in, causing death.

AT THE NATIONAL CAPITAL.

During the past fiscal year 41,823 patents were applied for at Washington.

President McKinley has signified his intention of coming to Pittsburgh to help welcome home the Tenth Pennsylvania regiment.

The Chicago, with Admiral Howland aboard, will sail from Cape Town about August 1, going first to St. Helena and thence to Rio.

The troops on the Philippines are to be armed with the most advanced type of field gun in the world, firing a bursting charge in an automobile. He was attacked by a hemorrhage.

China has contracted with the Vulcan works of Germany for 8 new warships.

Five batteries of field artillery have already been ordered to the Transvaal by England. It is believed that President Kruger will make concessions rather than engage in an unequal war.

The Filipino junta will move from Hong Kong to Labuan, because they have been watched so closely by the American agents that they have been unable to ship any arms to Aguinaldo.

AGUINALDO'S PLEA FOR FREEDOM.

ABSOLUTE INDEPENDENCE.

Assures His Followers That an Element in the United States Has Arisen in Their Favor—Lauds Noble Spain.

A copy of the Independencia has reached Manila containing the speech which Aguinaldo made during the recent celebration at Tarlac of the anniversary of the proclamation of Filipino independence. In substance it is as follows:

"Filipino, beloved daughter of the ardent sun of the tropics, commended by Providence to the care of noble Spain, be not ungrateful to her salute who warmed you with the breath of her own culture and civilization. In addition to General Miles, the following members of the board were present: General Royal B. Frank, Judge Outhwaite, Captain C. B. Wheeler, of the ordnance department, and Lieutenant D. N. Lewis.

The tests to determine whether the Lewis range finder is affected by the blasts of guns fired near by were conducted by a special board appointed by the war department at the request of the chief engineers. This board was made up of Colonel H. C. Hasbrook, Colonel J. P. Storey, Captain H. L. Harris, of the artillery; Captain J. C. Ayers, of the ordnance, and Captain Judson, of the engineer corps.

The first trial was that of the Isham system of throwing 113 pounds of explosive gelatin. The Isham diaphragm steel shells were used. The gun was a 12-inch of the service pattern. At first the gun was fired out to sea. The shell struck the water, the water proving that in case the shell struck the water before striking the mark the charge would not explode. Four charges of explosive gelatin were next fired from a Sims-Dalley powder pneumatic gun. These charges were fired in safety and were a success.

The greatest interest of the day was centered about the experiments conducted with Dr. Tuttle's new explosive thorite. The officers were reticent about the results of the test. The inventor was present and personally assisted in the firing of the charges. The thorite was thrown both out to sea and through plate, and it was demonstrated that, while the effects of the explosive are terrible, it can be used from ordinary guns and fired through steel plate without exploding. The thorite was placed in service shells and fired from an eight-inch. The bursting charge varied, but with the armor when the armor piercing shells were used the charge consisted of about 12 or 13 pounds of explosive. The shells were fired through 4 1/2-inch steel, and while the plate was shattered, the charge did not go off.

The board also conducted an experiment in firing the Thickers Son and Maxim Howitzer. It was fired four times with service charges. The officers attach considerable importance to these tests, and say that never before have such charges of high explosives been fired from a howitzer.

It was also determined that the Lewis depression range finder and locator is not affected by the blast of guns.

DEATHS FROM LOCKJAW.

Four Occur in Allegheny Co., Pa.—Caused by Shooting Accidents.

An epidemic of lockjaw, or tetanus, has struck the county.

Allegheny county has had four of the fatal cases. Two boys died Tuesday one in Pittsburgh and one in McKeesport. The second death here was that of Hugh Savage Monday. The first was that of Wilmer Lendberg, of Allegheny, Saturday.

A striking coincidence of the cases is that nearly all the victims are boys of about 14 or 15 years of age, and all were hurt in the same manner. It was the deadly toy pistol in each instance. During the celebration on the Fourth either by a premature discharge or a bursting of the pistol, a slight wound on the hand would be inflicted.

This was usually so slight that but little attention was paid to it at first. Then, within the last couple of days, the victim would complain of pains in the neck and head, with a stiff sensation. Great pain followed. When physicians were called in they promptly recognized the symptoms of tetanus, but all their medical skill was insufficient to save the unfortunate boys. Their suffering increased until death brought relief.

The number of deaths from lockjaw in and near New York since July 4 has been thirty-two. Most of the victims were boys who were wounded in the hand by toy pistols. Three boys died in this city Sunday.

Deal Millionaire Sued.

Judge Hirschberg has decided to grant Mrs. Mary L. Haight \$125 a month alimony and \$35 counsel fees. Mrs. Haight is suing Henry Haight for separation. The Haight's are both deaf mutes, and the defendant is worth several millions by inheritance.

THE MAN ESCAPED.

Mother and Child Lose Their Way and Are Burned to Death.

Abraham Finklestein was probably fatally burned at New York Tuesday through the explosion of turpentine in his painter's supplies and wall paper shop, and his wife and son were burned to death. A car in turpentine that Finklestein was using near a gas stove exploded and bespattered him with flames. His wife seized him by the arm and dragged him into the hall.

It is supposed they became confused there with the smoke and darkness and he happened to take a right direction while the woman went back and fell at the foot of the stairs, where she and the child, to which she clung, were burned.

Advertised for Skin.

Forty-two men answered an advertisement at Chicago asking for skin grafting 11 inches of cuticle over the back of Richard Gray, 17 years old. The wound in Gray's back, which is now nearly well, was caused by a swiftly moving belt in the suspender factory where he worked. The flesh was torn from the back and the bones were exposed. If a new skin could not have been grafted on Gray would have died.

President McKinley has purchased his old home at Canton, O.

Fell With a Burning Balloon.

Mrs. Carmen, an aeronaut, had a narrow escape from death in a burning balloon at Streator, Ill., the other day. Gasoline was used to hasten the inflation, and the flame ignited the balloon. Some excited spectators shouted to let go, and the men dropped the guy rope. Mrs. Carmen was carried up with the burning balloon. She became entangled in the rope and was carried up head downward. Thousands of persons witnessed her perilous ascent, powerless to aid her. The fire burned a hole through the balloon and allowed the gas to escape, which caused a speedy descent.

IMPORTANT TESTS.

Therite Piercez Army Plate and is Fired From Ordinary Guns—Other Successful Experiments.

Officers of the ordnance department United States army, conducted three separate tests Wednesday at the proving grounds at Sandy Hook. The tests consisted of the throwing of high explosives, the firing of a new high explosive and the testing of a steel tower and range finder. All were counted successful. The tests were the culmination of the experiments which have been carried on for some time to determine whether or not high explosives can be thrown with safety from ordinary service guns. The experiments of this nature were conducted by the board of ordnance and fortification, of which General Miles is president. In addition to General Miles, the following members of the board were present: General Royal B. Frank, Judge Outhwaite, Captain C. B. Wheeler, of the ordnance department, and Lieutenant D. N. Lewis.

The tests to determine whether the Lewis range finder is affected by the blasts of guns fired near by were conducted by a special board appointed by the war department at the request of the chief engineers. This board was made up of Colonel H. C. Hasbrook, Colonel J. P. Storey, Captain H. L. Harris, of the artillery; Captain J. C. Ayers, of the ordnance, and Captain Judson, of the engineer corps.

The first trial was that of the Isham system of throwing 113 pounds of explosive gelatin. The Isham diaphragm steel shells were used. The gun was a 12-inch of the service pattern. At first the gun was fired out to sea. The shell struck the water, the water proving that in case the shell struck the water before striking the mark the charge would not explode. Four charges of explosive gelatin were next fired from a Sims-Dalley powder pneumatic gun. These charges were fired in safety and were a success.

The greatest interest of the day was centered about the experiments conducted with Dr. Tuttle's new explosive thorite. The officers were reticent about the results of the test. The inventor was present and personally assisted in the firing of the charges. The thorite was thrown both out to sea and through plate, and it was demonstrated that, while the effects of the explosive are terrible, it can be used from ordinary guns and fired through steel plate without exploding. The thorite was placed in service shells and fired from an eight-inch. The bursting charge varied, but with the armor when the armor piercing shells were used the charge consisted of about 12 or 13 pounds of explosive. The shells were fired through 4 1/2-inch steel, and while the plate was shattered, the charge did not go off.

The board also conducted an experiment in firing the Thickers Son and Maxim Howitzer. It was fired four times with service charges. The officers attach considerable importance to these tests, and say that never before have such charges of high explosives been fired from a howitzer.

It was also determined that the Lewis depression range finder and locator is not affected by the blast of guns.