## POOR DOCUMENT

# The Semi-Weekly Telegraph.

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ST. JOHN, N. B. SATUKDAY, APRIL 8, 1899.

American Steel and Wire Combine.

During the last year there have been organised in the United States a number of tremendous combines, and among the one in the eteel industry called the american Steel and Wire Company. It has been stated that the effect of this

manufactured from rods, such as nail mills, wire mills, etc. Some they had to purchase at fancy figures, for one they had paid 200 per cent more than the cost. For one mill \$8,400,000 was paid. The conceidated mills were in a position to absolutely control the business in the United States, as English and German mills were too busy to compete with them. The combine bought five steamships on the lakes to carry ore to their furnaces, and he understood were going into mining to obtain ore. were going into mining to obtain ore.

Advantage has been taken of the busy condition of English and German manuscuturers to get some return from large investments, and the price of rod steel and another nall is ready for the bullder. was now being quoted at \$34 50 a ton, or \$1150 a ton more than the lowest figure yet discovered.

The process a yet discovered.

The firm started manufacturing wire the firm started manufacturing wire with 10 machines of what the wires bot for a month trying to get rod steel, and had succeeded in getting 3,000 tons at reasonable rates. He could not purchase today for less than the figures the combine chose to give him. The supply he had was enough to run

horse nail department is one of the most interesting. The nails are manufactured from the best Swedish iron—the toughest known. It comes in bars and these are shaped into nails with the most startling rapidity. Two styles of machine are required for the operation. The first is the forging machine of which there are five. One operator is required for each. In passing through the works attention is at once arrested by them. In front of each the operator stands manipulating bars of iron about ten feet long by \$\frac{3}{2}\$ of an inch broad and of a less thickness. About 15 of the rods are inserted into a farnsce which heats them red for a couple of feet. The operator takes one of these and inserts

which was better than any former year, the shipments aggregated 586 tous—an increase of 426 tous, or about 75 per cent of the increase of 426 tous, or about 75 per cent of the increase of 426 tous, or about 75 per cent of the increase of 426 tous, or about 75 per cent of an increase. The shipment of wire in both cases was less than 10 per cent of the whole. The day before Good Friday the shipments of nails another bar is taken to replace the first of the jaws of the machine. When the anker are sufficiently cool they are umbled to remove the scale and are taken to what is known as the pointing machine, of which there are four. Into this they are dropped, one by one, by

The same of the sa

PENDER'S NAIL WORKS.

When the machine drops the piece of metal, and it drops 90 a minute, it is a perfect horse nail, ready to be shipped after the oil has been removed from it. The machine first gives the blank a cquees, which straightens and at the metalis are made much more rapidly, and it is in their manufacture the roi steel, which has given the reason for this article, plays a mest conspicuous part. Rod is a rather milelea ing technical term for large rolls of soft Besaimere steel wire, which come in four sizes—one five-arteenths of an inch is dismeter, from which splkes are made, and the others annewhat smaller, the smallest being about 3 16. Which are turned into the wire nail of commerce in the most ingenious man ner. When the rod is received it is surfaced with a scale, the re ult of its lest contact with fire. This black cruet is barder than the steel it opvers and to gave the dies of the draw. covers and to save the dies of the drawing machines it is removed by plunding it into a large vat containing a countion of sulphuric acid and then washing it with a stream of water behind which is a pressure of 80 pounds to the inc. This stream washes off the scale and the bundles are then dipped several times into another tank containing slackened lime. A coating of this lime is thus put on the rod. The operations hus far are much simpler than would be supposed, as they are all accomplished supposed, as they are all accomplished by one man, who is assisted by a hy-draulic crane, from the arm of which a number of the bundles of rods are sus

and Wire Company not only now controlled the rod mills but all plants which manufactured from rods, such as nail manner the bars are for horse nails, and

and another nail is ready for the builder.

speed and the durability of nail machines have been increased by imhis factory at fall capacity ten months, and by that time he looked for German profitably with the new. Three years and by that time he looked for German competition to reduce the price.

In going through the works with Mr. Pender the reporter discovered one of the busiest and most interesting places the busiest and most interesting places all works are situated in Lower and what is known as the Charlotte and what is known as the Charlotte at 8.

In going through the works with Mr. Pender the reporter discovered one of the busiest and most interesting places the busiest and most interesting places all works are situated in Lower tal what is known as the Charlotte and what is known as the Charlotte at 8.

In going through the works with Mr. Pender the reporter discovered one of the forward and one with the backward stroke, dropping them into two pans. This has been improved by partially rebuilding it and is now the said composition house, when the first explosion occurred. They started to run and were thrown to the ground by the force of the second explosion. They tension. This is almost on a it, which furnishes the best of in less than an hour. Lat spring five rihe schooners in which the rial, or steel rods, are brought tained. These machines have been rentations of the second explosion. They example the second explosion. They have been rentations of the second explosion. They rial, or steel rods, are brought tained. These machines have been rentations of the second explosion. They have been rentations of the second explosion. re the schooners in which the rial, or steel rods, are brought w York. The works are the tent of economy of space, and namy practical examples of the ation of power and effort. Fr. me the to the shipping rooms all is the machines which were considered to resence of a master mind at the resence of a master mind at the red of the industry.

The late of products of the factory a resence of a master mind at the red of the industry.

The late of products of the factory are headly, toe calks and shoe rivets, are wire, balling wire, and last the rimportant product—wire nails of the factory gives steady employment to seventy hands.

Although by no means the most important branch of the manufacturing the horse nail department is one of the most interesting. The nails are manufactured that the the three three

operator takes one of these and inserts it into the jaws of a machine which inserts the end into a rough nail or measure the end into a rough nail or mails and wire have aggregated 1,012 tons. For the same period last year, and the into a pan after cutting to off.

The take has borne full. In its blow by all and wire have aggregated 1,012 tons. For the same period last year, which was better than any former year, and the blow aggregated 1,012 tons.

this they are dropped, one by one, by the girl in charge. Her labors are ended when she lets go of the blank; run them for a couple of months.

black crust is barder than the steel it covers and to save the dies of the draw.

PENN'S GROVE, N. J., March 22 .- The nost destructive explosion in the history of the Da Pont Smokeless Powder works at Carney's Point, a short distance below

this town, occurred at 1255 to-day. Over drawlic crane, from the arm of which a number of the bundles of rods are sus pet ded and dipped.

The next process is that of drawing handlespped by an increase in the rate of rod steel from which wire nails are made. Mr. James Pender, the head of James Pender & Co., (ltd.) was yestereday interviewed on the subject. He stated that the combine in the rod steel husiness was one of the biggest things that had rate had retained in the place. John W. Gates, the son of a western farmer, had erganised it. During the past year he had succeeded in consolidating from 40 to 50 plants, or all of any consequence in the United States. The American Steel and Wire Company not only now consultation to the wire nail machines and Wire Company not only now consultation of the bundles of rods are sus pet ded and dipped.

The next process is that of drawing halled through a plate in which there is a hole of diminishing size. Thus its dismeter is reduced and its length increased. To reduce the rod are subject. He state the rod are subject to a size necessary for small nails several successive drawings are necessary for small nails reveral successive drawings are necessary. A repetition of the drawing ford, and five children; Charles Ford, aged 46, leaves wife and four children; Frank McGill, 21 years old single. A partial list of injured is as, follows: Wm. Schebrook, 25 years, martied, cut head, injured internally, may dispend to one of the diameters of the nails which are to be made, it is taken place. The rod having been reduced to one of the diameters of the nails which are to be made, it is placed on a real, the and inserted the rod of the kind of the plant considerable destruction. Three men were killed and about 35 were injured. Besides the partial destruction. Three men were killed and shout in the rod drawing the rod being hauled through a place in which there is a hole of diminishing the place. The partial list of injured. Some in this force an i wrought death and destruction. The reduced was calculated that the case in the 3,000 pounds of smokeless powder spent yon, 32 years, teeth knocked out, shoulder and side hurt; Wm Taylor, 26 years, face cut, hair burned off and right han t badly burned; Wm Vanderslice, 21 rears, hands cut; Wm Face Meyer, 34

And there were believed in the realizable of the world, and it training on "I will be all ports of the world, and he will be a proper of the world, and he will be a proper of the world, and he will be a proper of the world, and he will be a proper of the world be a prope

he bodies and will hold an inquest to The building containing the ether etills, which was under the charge of their chemist, Bradford. G H Leonard, who is a Canadian, born in Cambridge, Queens county, N B, and has a father and brother in Hampton, Kings county, at the present time, is very glad to say, through his ability of thinking and do-ing at the same time, saved his life and

The remains of the three victims were taken in charge by Undertaker James I

forton and brought to his establishment

nere. Coroner Thomas J Torton viewed

where many would have been killed. When Leonard heard the first explosion which threw him to the floor twice and when he could get to his stills shut off the outlet to the ether cellar where is stored upwards of 12,000 gallons of ether which is as dangerous as nitro-glycerine

in case of fire.

The Carney Point plant is the largest smokeless powder works in the United States. There were about 350 men employed there at the time of the explosion, as the works is not running full time in all buildings. The loss will be about half a million of dollars, which will be

"Old Masters" of Paris and Elsewher The number of pictures by the Old

of masters of the art of painting to be had in Paris for a few franks is truly surprising. On the quays, on the boulesurprising. On the quays, on the boulevards, in the side streets, in the curio shops, everywhere, they are in evidence. One can readily pick up a Rubens, a Rembrandt, Constable, or any other celebrated artist's work for, well,—the dealer sizes you up financially, and on the size you attain in his mind depends the price you pay for your old master? Can you guarantee this painting to be original and the work of the artist who's name it bears? says the intending purifically and street who washer, we were feelingly reminded that it was not too can you guarantee this painting to be original and the work of the artist who's name it bears? says the intending purchaser. 'Oai Moneieur?' with a depretation to keep up, tellow the state of the shoulders, old house iong established, reputation to keep up, tellow the state of the state of the state of the state of these men for such a low price? Would not the government buy and be glad to give a large sum for them? And our friend hints darkly of old family, disgrace, financially embarrassed, and all the rest of it, and you buy and take it home, and your friends come in and look at it and praise your judgment and the picture, and you remark: Ol I just place the last time I was in Paris, you know. And by and by an artist friend comes along and says the fatal word "Copy," and proves it to you. Then, well then, there is a fire in your back yard in which then, there is a fire in your back yard in which then, there is a fire in your back yard in which then, there is a fire in your back yard in which then, there is a fire in your back yard in which then, there is a fire in your back yard in which then, there is a fire in your back yard in which the first skating for the past and proves it to you. Then, well then, there is a fire in your back yard in which the first skating for the past and proves it to you. Then, well then, there is a fire in your back yard in which the first skating for the past and proves it to you. Then, well then, there is a fire in your back yard in which the first skating for the past the first skating for t in the market in gay Paris, where they can be bought so cheaply. I learned

and as I left the gallery of this enter-prising dealer in works of art, I mur-mured in the language of Bret Hartt, with an addition by myself:—

"Which I wish to remark, FREDERICK H. C. MILES. A Unionist Victory.

LONDON, April 5-In the parliamentary by-election today in the Harrow division of Middlesex to fill the vacancy

## LONDON SENSATION.

### Spring Was Expected But Winter Came Instead.

Walching the Great University Boat

Masters? Young Masters? and all kinds House of Commons Principally

upset our Calendar. Having reached the first day of spring without experience. Herschell in his lifetime. Along with

can be bought so cheaply. I learned during my sojourn in Paris last year that there were some hundreds of copyiets turning out "old masters" and modern masters by the thousands, to be shipped to all parts of the world, and sold as originals. The art students in a large number of cases are employed in this kind of work to make the wherewith-slit continue their studies.

While espying some pictures in the Louve, I as eurprised to see the faithful reproductions of some of the painting shanging on the walls by the profes-

siderable amendments now that it has reached the committee stage. Last night it passed the second reading by a major-

Mr Broderick (under secretary for foreign affairs) replying to Sir Charles Dire's question was somewhat reticent on the subject of the Aleskan boundary. He vaguely expressed the hope which he said was the hope of the late Lord Herschell—that at the next sitting of the commission, the question would be satisfactorily ettled. He never hinted that there was any "serious" disagreement. Interest here has been revived the lives of several hundred more. His building made up a part of the 30-calibre line, where all the explosions started. Had itnotbeen for the presence of mind of Leonard the explosion would have made its way to the gun cotton line.

Interest here has been revived in the outstanding questions between the number of Mr Moore for the mind of Leonard the explosions of the convertion of the successor to Lord Herachill in the votes.

Interest here has been revived in the outstanding questions between the number of Mr Moore for the presence of mr Mcore that Lord Bussell has consented to be successor to Lord Herachill in the votes.

Interest here has been revived in the outstanding questions between the first in succession to Mr Moore Stanstead, who retired. It was to hold a large convention of that Lord Bussell has consented to be successor to Lord Herachill in the votes.

arose through; America's ignorance of di, limacy and her insistence on the obselite Monroe doctrine. And the Americar-Canadian difficulties, it is remarked, arose through Uncle Sam's live of driving a hard bargain, and of his keen hunger for trade at the expense of sound principle. It is recognized here that the Aleskan boundary greated has proved the great strumbary greated has proved the great strumbary greated here that ary question has proved the great stumbling- lick to the settlement of the other matters which, as between the United States and Canada, are of a purely domestic character, and hardly required the intervention of the mother country. The Alaskan boundary has become an Angic-American question. It is much too important many are saying to be too important many are saying to be

House of Commons Principally
Occupied with London
Affairs.

London, March 25.—The sensation this week in London was supplied by the clerk of the weather, who completely

politicians went before the electorate on the religious cry, and Lord Salisbury may be relied on to keep the parliamen-tar, machine going as it is for the next

couple of years. Getting Ready.

SHEEBROOKE, April 5-At a meeting o the Eastern Townships Conservative Association here yesterday aftermoon Mr Rufus Pope, M P, was elected president in succession to Mr Moore, M P for Stanstead, who retired. It was received to hold a large convention of delegates from all the counties in the eastern