# THE ICHO, MONTREAL.

worked day and night.

According to the American Geologist the

Creosoted wood has been found to have

St. Louis has adopted the novel way of

It is found that in painting wood one coat

second, say one hundred pounds of lead and

Sir William Siemens gives the following

good definition of steel : "Steel is a compound

embraces the various kinds of steel from the

Bricks boiled in coal tar are rendered

hard and durable, and machine made bricks

if boiled for a long period-say twenty-four

treated are well adapted for sewers, cess

Oxygen is the most abundant of all the

elements. It composes at least one third

and eight-ninths by weight of all the water

on the globe. It is olso a very important

constitu nt of all minerals, animals and

The accumulation of explosive gases in a

room, mineor ship's hold can now be ascer-

tained by means of an indicator. It consists

of a porous cylnder closel by a thin metal

membrane, and the penetrating gases rais-

the membrane, close a circuit and ring an

vegetables.

alarm

osts \$1.500.

hardest tool-steel down to the softest.

# ECHOES OF THE WEEK

#### European.

ß

The Dewton College of Agriculture at Salisbury was burned on Wednesday Over 200 houses have been burn d at

Bombay and hundreds of families are homeless. The Tribuna of Rome says the Pope has

submitted proofs of his efcyclical on the social question to several eminent Europeans.

The Paris Siecle announces that John Dillon, upon his arrival in France, will be chosen as leader of the Irish parliamentary party.

The Russian budget for 1891 shows an estimated surplus of \$1,167,840. The estimates include an extraordinary expenditure, \$26,775,000 for public works and \$12,912,-500 for armamonts.

The German minister of finance has in troduced the budget for 1891 92 in the lower house of the Diet. In this the revenue and expenditures balance at \$430 208 085.

The Chins of Farther India made a raid on Pine Thaw, a vill ge of Bu mah, on Jan. 7, killing three persons and capturing 12. Troops are in pursuit.

M Ribot French minister of foreign af fairs, has informed Lord Lytton, the Briti h ambassador, that France will not accepany compensation for her fishery rights in Newfoundland that she does not consider to be their full equivalent. Nothing of that nature has been offered her. It is for England to say what she can give. Money will not be accepted.

The London Times' Paris correspondent savs :- " A friend from Russia inform- me that on M Vishneyradskis, Russian miniter of finance, representing that it was inexpedient to quariel with the Jews because such a course would offend Jewish bankers, the Czar ordered the application of the Anti Semitic laws to be suspended for three years.

The Pope on Wednesday gave an audi ence to the Rev. Dr. O'Connell, rector of the American College, during the course of which he eulogized the American Enis o pate The Pope has recognize t the Bishops of Strashourg, Post n and Fribourg. Du ing the session of the secret consistory the Pope will deliver an allocution on the efficacy of the Italian Guarant-e law and on the position of the Vatican in this connection. It is reported that the cardinals to be created are Mgr Piav, patriarch of Jeru alem; Mgr. S piaca, secretary of the council, and Mgr. Rotelli, the Papul Nuncio at Paris The Vatican has been c nfidentially apprised of the renewal of the Triple Alliance. change to me, and that would reduce your

### American.

The Indiana House of Representatives has adopted a resolution instructing the State representatives in Congress to urge the passage of a bill providing for the appointment of an additional member of the President's cabinet, to be known as the commission r of labor.

tor "earst's case, it was decided there is no hone of recovery. Death is imminent The to make the muffins hake and sent out to disease is said to be cancer of the stomach. the grocer's for a fresh supply. A woman The schooner Otter, from St Kitts with

a cargo of sait, went ashore at Bellport, L. I., on Wednesday morning. Two men were drowned coming ashore. The rest of the

The control and government new becomes SCIENTIFIC the problem. No serious embarrassment is apprehended at present.

largest gold mine in the world is in Alasks. Canadian, ...... It is lighted throughout by electricity and John McCloskey, aged 93, and Lawrence Mersereau, in his 100th year, the two oldest men in Sunbary Consty, New Brudswick, have died within the past few days. They such excellent lasting qualities that its economical proper ies have suggested its use maintained full possession of their faculties for permanent haulage, roads, shaftways, to the last, despite the fact that both had etc. in collieries. used tobacco and spirits more or less all their life. marking the names of streets by painting Reports of damage by Wednesday's exces

sively high tides are coming in from all them on the electric light globes. The shadow of the name is thrown upon the parts of the Bay of Fundy coast. ground so rlainly that it can be read fifty Snow is so deep in the lumber woods feet away. throughout the northern part of New Brunswick that some operators are taking out their teams takes twenty pounds of lead and four

gallons of oil, and the third the same as the On Wednesday night the presbytery of St. John, N B, in formal sees on, after a long discussion, deposed Rev. Dr. Archibald sixteen gallons of oil per hundred square Macdougall, formerly pastor of Calvin vards for three coats. church, and now running an independent Pre-byterian church in the north end of this city, from the ministry, on the ground of iron with any other substance which tends that he had treated the Presbytery with to give t superior strength " This definition contempt and was promulating views gravely at variance with the standards of the Presbyterian church in Canada. For some months this case has been an excit ing topic in Presbyterian circles.

If you wish a suitable Present these hard times buy a pools, and the found stiens of buildings. Pair of VELVET SLIPPERS fr m S. H. Parker, 1351 St. Catherine of the earth, one fifth of the atmosphere street.

#### Careful of His Trousers.

Miss Cashley-You have dropped your handkerchief on the floor, Mr. Van Duds. kin Van Dudekin (preparing to get on his

kness)-I did it with a purpose, dear Miss Cashley-er-Edith, I love you; will you be my wife ?

#### The Quibbles Were Legal.

Lawyer Blick-Yo' honah, I rise to oh. eck to de legal quibbles dat der prosercu tion am bringin' up. Judge Cole-Mistah Black, yo' sit right

down. Ef dem quibbles am legal dey shall stand, and de cou't allows 'em

## The Tailor's Vain Hope.

You haven't put a change packet in this ost Snin.

I know it. eir. I thought very likely if you had no pocket you might send your account.

When a Woman Will. A young wife who is just mastering the

mysteries of housekeeping used more kin. dling wood for her kitchen fire than her husband liked to split, and he decided to prepare only a certain amount and to limit. her to what he thought a proper quantity. At a consultation of physicians on Sena- The first time she ran shor' she prompt'y dumped in the family stock of clotheoping can circonnvent the poor worm, man, almost any day in the week, and not half try.

It Was.

## ABOUT WOMEN

Mme. Juliette Adam is about to start penny paper in Paris. One of the many extravagancies attri-

buted to Mrs. Langtry is the pessessor of a silver bathtab The Crown Princess of Denmark is the tallest Princess in the world. Her height

is six feet and three inches. Italian and French women have small, fat feet, and can wear small boots without suffering any inconvenience.

Lady Pauncefote is noted at Washington is a pedestrian, and often wasks from house to house in making calls.

Queen Natalie is writing her memoirs. but as she is only thirty years of age they do not spread over a very extensive period. Miss Alice Roselli was the first singer who brought out the late Cardinal Newman's hymn "Lead Kindly Light," set to music by Signor Pinsuti.

The daughters of General Sherman dress with great simplicity. They go into society a great deal, and are particularly sought for as dinner guests. They never dance

Brincess Bismarck, wife of the Iron Chancellor, is described as the very model f a practical methodical German matron, with an eye for every detail of household arrangement and economy. hours-become water-proof. Bricks thus

Nellie Tetreau of Lumpkin, Col., a girl of fourteen, is in charge of one of the immense road engines used in hauling logs to saw mills. She is said to handle the throttle as well as any of the male engineers.

Dr. Seraph Frizzell, of Springfield. Mass., has been appointed resident physician and lecturer on physiology and hygiene of Mt. Holyoke, and is well known there professionally, and her appointment gives much satisfaction.

Longfellow's house in Cambridge is now occupied by his eldest daughter and her uncle, the Rev Samuel Longfellow, Miss Longfellow's sister, Mrs. H. R. Dana, and Mrs. Thrope have built houses adjoining the old estate.

customers during the year.

nurses speaking all the principal lan schoul for the training of nurses.

four years in succession president of the Water Color Societies and is an associate Marrable is in favor of woman suffrage.

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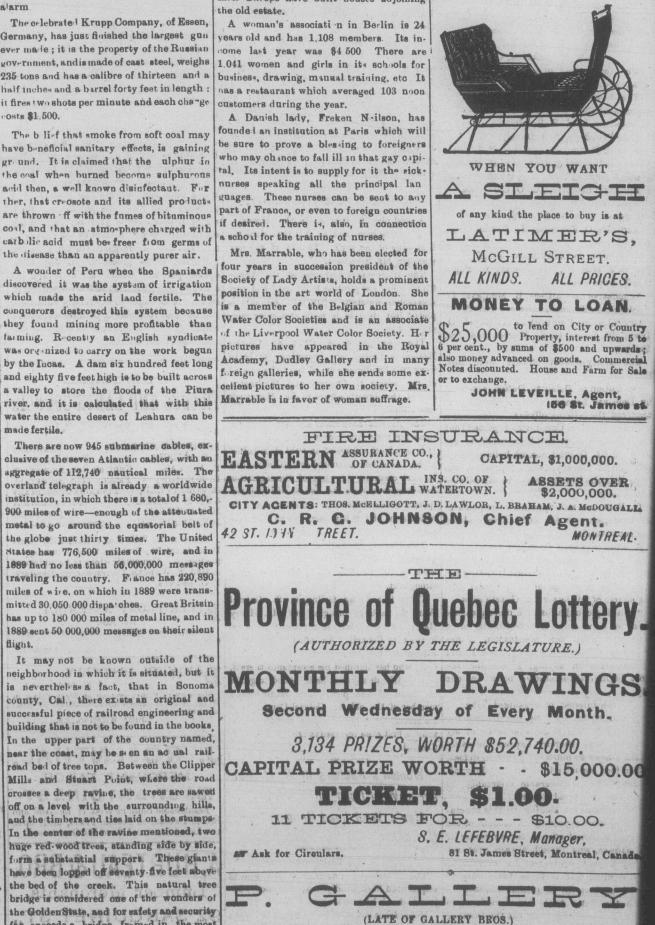
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orew were savea.

The Court of Appeals at Albany. N. Y., on Wednesday affirmed the judgments of conviction in the cases of the three murderers-James Slocum, Hassis A. Smiler and Frank Fish- all of whom are under sentence of death. Slocum, now in Sing-Sing prison, killed his wife Ellen in a recement house in New York city, Decamber 13, 1889. Smi ler murdered his mistress, Maggie D Rainey, at New York, April 3, 1890. The woman left him becau-e of ill-usage, and upon her refusal to return to him Smile shot her dead. Smiler was a printer, and had been a lieutenant in the Salva ion Army. Fish murderel John Cullinane at Canandaigus, January 25, 1890

George M. Bartholomew, formerly president of the Charter Oak Life Insurance Co., who fied to Canada some years ago, returned to Hartford recently, appeared in court and pleaded guilty to embezzlement of \$10 000. He was sentenced to one year in State prison and went there immediately. B rtholomew is over 70 years of age and is in feeble health.

Gen. Schofield has received the following telegram from Gen. Miles at Pine Ridge :-Gen. Brooke's sommand is now camped manded his force with considerable skill and excellent judgment. The greatest diffculty is to restore confidence. The Indiana have great fear that their arms will be taken away and all treated like those who were on Wounded Knee. They have a large number of wounded women and children which creates a most distressing feel ing among the families, and a desperate from prostration by heat, while the ice disposition among them. Military measures and movements have been successful. put more coal on the fire.

Owner of Horse (brushing the flies off the impatient anima!)-What are you telling me, Larry? Are you really a descend-

ant of the Irish kings? Larry-Yis, sor.

And now you're shoeing horses in an Englishman's blacksmith shop ! It looks like the irony of fate.

Yis, sor. Stand still, ve haste ! I make ma livin' sor by ironin' fate

Not Half Warm Enough For Him. Warm ? he said, putting on a heavy pair of gloves and huttoning his light overcost you don't call this warm weather, do you ! Do I call it warm ? said the other, monping his brow and trying to fan himself at the same time, while his face grew redder and redder. I call it gridiron heat.

Pooh, pooh, my dear fellow; the mercury n't above ninety-two. Ninety two !

And it hasn't been above a hundred more than once this year.

Shades of all the Icelanders ! eried the red fat man, what would you like to have it-135 in the shade? Would you like to hoil eggs in the public fountains? Do you want foundries to run their fornaces without fire? One hundred ! Do you want to sizz'e and vanish in steam. One hundred ! five miles distant on White Clay Creek and he screamed in shrill agonized tones, and the entire body of Ind ans are between the he danced around madly in his wrath until In the center of the ravine mentioned, two two commands. Gen. Bro ke has com- his face was of flaming scarlet. One hundred ! Why, man, haven't you got any

blood in your veins ? Oh, yes, said the other, shivering as a warm breeze touched him, but I have 40,-

000 tons of ice cornered. And then the little stout man fell in a swoon and an ambulance carried him to the hospital, where he was recorded as suffering king went home to order the servants to

made fertile.

There are now 945 submarine cables, exclusive of the seven Atlantic cables, with an aggregate of 112,740 nautical miles. The overland telegraph is already a worldwide institution, in which there is a total of 1 680,-900 miles of wire-enough of the atteouated metal to go around the equatorial belt of the globe just thirty times. The United States has 776,500 miles of wire, and in 1889 had no less than 56,000,000 messages traveling the country. France has 220,890 miles of wire, on which in 1889 were transmitted 30,050 000 disparches. Great Britsin has up to 180 000 miles of metal line, and in 1889 sent 50 000,000 messages on their silent flight.

It may not be known outside of the neighborhood in which it is situated, but it is nevertheless a fact, that in Sonoma county, Cal., there exists an original and successful piece of railroad engineering and building that is not to be found in the books In the upper part of the country named, near the coast, may be seen an ac ual railread bed of tree tops. Between the Clipper Mills and Stuart Point, where the road crosses a deep ravine, the trees are sawed off on a level with the surrounding hills, and the timbers and ties laid on the stumps. huge red-wood trees, standing side by side, form a substantial support. These giants have been lopped off seventy five feet above the bed of the creek. This natural tree bridge is considered one of the wonders of the Golden State, and for safety and security far exceeds a bridge framed in the most scientific manner.

The deaconnesses of Northern Germany have started a home for spinters, or, as they call it, for "standing alone ladies."

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