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of the parish hose who so kindly the following the success of the Hamburger, Miss Lombard for his e the little ones.

RAILWAY. n Increase of Earn

nt is published by C. Electric Railway

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**72** 19,112 .... 215 54 10.596 1,242 ... nings from 1st to ; from 1st to 30th rease. \$1,027. from 1st to 30th 1st to 30th April,

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g telephone of M. eaking are made distance of 100 The transmiter. The transmit M. Leroy, has in nich end four small extremely sensisilicate of potash ese discs are fixed coal powder. On phone is connected nd the receiver at line has a bellches in diameter, issues loud and eceiver, for open conical tube 61/2 an opening 2% With this telephone is used, but for before large audiased number of tter, the current sed. Another ina receiver atso that the mesregistered.

ower of observauite unlooked for M. Semon in the sh that sometimes teans of a sucker Australian coast, were seen seizing ab that had been a baited hook was at once the day none of ragments or hook. was easy to capsecond echeine e same day. CHURC

.. grad with

A Letter Received From the Land resting place a home dedicated to his God, of Gold at the Yukon's Mouth.

Terrible Sufferings of Prospectors During the Winter--Lumber Scarce.

A letter received by Ralph Hibbard from Cape Nome, the new gold fields at the north of Norton sound, under date of December 11th, 1898, says:

This is now the depth of winter, and such a winter I never want to see again. The hardships at this place have been terrible, and I can not begin to tell what we all have suffered, just for the sake of a little yellow metal that may do us harm than good after we get it, With half of us sick most of the time and with only a scant supply and variety of medicines, with hardly wood enough to be had to keep us from freezing to death; and with only tents live in and the thermometer down to 60 degrees below zero, you can imagine what we have had to contend with, and thank your stars you did not me along. Most of the tents have been blown to pieces and we had to far away Arctic latitudes, and under the way at Trail, was drowned in Trail creek uble with another party and stitch three tents together to make the cloth fying thought that hand in hand into the down town in the afternoon, leaving the strong enough to stand the wind. There is no lumber within a hundred miles of ere, so it was impossible to build any kind of a shelter as we had hoped to do. ortunately there has been enough to est and to last through the winter. Several have died from scurvy and

any have that disease now. The wood that we have to burn for rewood is very short and small; really is nothing but brush, and it is so carce that we have to be very economi There are no four-foot cal with it. egs to burn here and you want to uild yourself a small stove for short engths. There is one portable aluminum house here and it is the only practical shelter for this region, and I have regretted that you talked me out of uying one of them when I outfitted. Be sure you bring two of them up with you: I will take yours of your hands if you think it a bad property.

There is gold here and plenty of it. although the district seems limited in extent as far as has yet been prospectbut that has not been fully done. and no doubt many more discoveries will be made next season, as the finds here are too rich to peter out in this one little spot. I will not bell you how rich some of these claims are, as you would not believe me, and you can see for yourself when you arrive.

Come up as soon as von can get here and bring up everything on this list and we will make a barrel of money. The claims are hard to work, necesdraining and changing the course of the water, but they pay biz, the quality ine as the gold from the Klondikezard

inter. The gold is found from the sur- and a happy and contented face down, and the deepest any one has persed to their homes. en down yet is six to seven feet. It s dangerous to go much deeper than that, as there is no lumber to do shoring with, and we have yet to get enough for the sluice boxes needed. Don't bring up any fellows with you. as if they fail they will blame you.

## CHRISTIANITY'S MARCH

Ceremony of Laying the Cornerstone of First Presbyterian Church at Bennett-Address by Capt, Irving.

On Queen's birthday at 8 p.m., after the festivities of the day, a large congregation of people gathered together to witness the laying of the corperstone of the First Presbyterian church to be erected on the hill he honor of laying the stone, made an ap-Alaskan, list of the members of the Dominwas done Mayor Hislor stepped down from knife is to pass. he temporary platform upon which a large umber of citizens were standing, and aced in the stone the tin box containing the various records referred to, took the trowel and cemented the cornerstone. The national anthem was sung and then

Mr. Sinclair declared the finish of that porion of the programme, and invited the people into the tent where the ceremonies ould be continued.

Rev. J. A. Sinclair, who occupied the chair. aid that before Capt. Irving, M.P.P. for he district, had arrived here that he had sked Mr. Hislop to lay the cornerstone; ut had he known that his friend Capt. ving was coming he would have had him so on account of him holding the high sition in parliament as representing the cople of this district. However, the eaker said, Captain Irving had kindly usented to deliver an address

in coming forward Capt. Irving was ac rded a grand reception. Following in adies and Gentlemen: It would seem

Jesty the Queen's ruling over the des-

ristianity and civilization. would seem all the more appropriate yon and over the summits of the passes he busy hammer of industry, the progres-

sive hum of energy and the sound of

steamboat whistles-floating palaces. Yet notwithstanding the eager search for gold, is it not an inspiring thought that restless man should stop in his career, as did the pilgrims of old, and seek for a that there he might offer up his prayers of devotion and thanks for his spiritual and temporal preservation? What an inspiring of sturdy supporters, and one is even prone to wish that its founder, John Calvin, who sandon from this dread complaint within broken knee sustained in the quarry there by a fall of rock. in the beautiful city of Geneva, Switzerland, under the shadow of the snow-clad Alps, beside the blue waters of that beautiul lake, could he now at this moment vice of the Divine Master in the same work on the road. faith of which he was the head. While in the providence of the Almighty, nearer and nearer, closer and closer have been drawn tions, each worshipping the same Father according to the dictates of his own con- lic service. science, one cannot but admire that simtion, unshaken in its tenets, unchanged in ciating. its belief, with an all-abiding faith in the Almighty, those religious principles and trainings until the name of Calvin is to his place and no way of getting it in inseparable bonds which no power on was missed by Mr. Blewett, who started daily walks of life around us. It is an down the creek. edifying thought that the mind governlug the hard which grasps the hammer carries back its owner to the early teachings of his boyhood, and leads to that devotion to evening at the laying of this cornerstone. It is through the instrumentality of such energetic pioneers as our worthy minister; Rev. J. A. Sinclair, whom it has been a pleasure for me to have known for some bor closer to neighbor, and he is to be congratulated by friends, and you to be congratulated by this meeting together the bune.

esent anspicious occasion is afforded. We are sure, at least I am sure, that the Queen's eightieth anniversary to those who are assembled at the laying of this stone of the First Presbyterian church, and in fact, the first church of the rising city of Bennett, will ever mark an epoch in their lives, which I hope will never be blotted from the tablets and pages of memory. For myself, my friends, I can truthfully say that the honor of participating in such an imposing function will ever carry with it to me a bright spot in a busy life, Years hence as man passes through these natural gateways to the north, possibly when we may all have passed away, may this edifice still stand as a monument of the pioneers who have gone before the pioneers of Christianity in this wilderness

of mountain, lake and stream. itating a great deal of ditching and Mr. J. T. Bethune hegged to be excused as he was suffering from a severe cold. A collection was taken up and Rev. J. A. eing as near as we can judge about as | Sinclair said before the assemblage dispersed that it was very satisfactory, and that in Every one here has claims and ath are a very short time they would be worshipnaking arrangements for a large lot of ping in a nice church large enough to working next summer, hoping to clean seat from 600 to 700 people, built in a very the same must be removed before July up enough to let them quit the country, artistic manner with native woods. Au- 15th, efore they get bound in for another other hymn was sung and prayer followed.

> COCAINE. Extent to Which It Is Used in Modern Surgery.

than chloroform and ether, but sufficiently, nevertbeless, the attributes of veritable anesthetics. It must be classed in them, but above all other poisons such be resumed in a brief formula: Cocaine is an anesthetic of weakened action, it We have spoken of the extent of its overlooking the harbor, and the appropriate employment in ocular surgery. Its intereremonies connected therewith. Mayor vention in dental surgery is not less fre-Hislop of Skagway, to whom was assigned quent. It is also utilized for small operations upon the larynx. Its applications are innumerable. When in place of suppropriate address and enclosed in the tin erficial insensibility the physician seeks ox a copy of the Bennett, Sun, the Daily a more profound anesthesia, he is not content simply to moisten the bare surn and Provincial governments, N. W. M. face with a solution of cocaine; he and a description of the work of the makes it penetrate by injection into the resbyterian church in Alaska. After this thickness of the dermis wherever the

It is important that the substances. remain at the point where it has been placed; first, in order to render insensible the path of the future incision, but also for another reason. The diffusion of the poisonous agent in the organism The must be avoided at any price. weakened solution employed for localized anesthesia is still 200 times too strong for external use, as we have shown. Its penetration into the blood would be res all told during the month, which is the signal for the occurrence of the more cocaine. Accidents were so multiplied at first in the practice of dentists and -Revue des Deux Mondes.

AN ACCOMMODATING WATER-SPOUT.

It is very rare that an opportunity occurs to make a truly scientific observaticularly fitting and appropriate that on | tion of a waterspout; Mr. D. R. Crichanniversary day of Her Most Gracious ton, a British engineer, had what is said to be a unique experience of his kind off des of the greatest Christian nation and Eden, New Souh Wales, last year, and aple on all the earth, that away off here, his report has been published by the vere Charles William Dodd and Louise y milestones from the parental home Royal Society of that colony. Fourteen Nancy White, both of Kaslo, and Louis Christianity, we should at this time be complete waterspouts formed off the Edwin Stuckey of Pincher Creek and mitted to participate in the laying of a shore where he was at work with a Mary McEachern of this city. erstone to the edifice which will mark | theodolite, and he made careful measure | Captain Hodgins of the Nelson comther milestone in the progress of ments of them. The largest spout con- pany of Kootenay Rifles has received ansisted of two cones. connected by a the consignment of the company's acpipe-shaped spout. The top of the upper coutrements. This will enable the men we stop to consider that here upon cone, which was inverted, was 5,014 to turn out in light marching order. shores of Lake Bennett, at the gate- feet above the sea. Each cone was about It is reported that the local tramway of the mighty Yukon, where but a few 100 feet in diameter at the base, dimin- company has made a start in the work of Works it was decided, in reference to the s ago the winds whistied through the ishing gradually until it merged into the naught save its own dreary singing about 250 feet each, leaving 4,500 feet. Co. for the necessary rails.

MAR THAT I HAVE TO BE THE TOTAL TO BE VICTORIA TIMES, TUESDAL, JUNE 13, 1899.

AND TORINA TORREST TERSON TO A STORE

land Sentinel.

course of a few weeks.

F. McKinnon, resigned.

relatives in Winnipeg.

KAMLOOPS.

The ranges in the neighborhood of

Kamloops are looking better than they

The Kamloops Hotel Co. have pur-

chased a site on Main street for their

have the building underway in the

NELSON.

be called for and the contract let.

way officials every assistance in their in-

vestigation of the accounts, he would

take this into account in passing the

sentence which he was bound to impose

in the interests of society. The sentence

was that he be sentenced to fifteen

months' imprisonment in the provincial

Sinclair pleaded his age and his family

he could sympathize with the prisoner's

been traced out. Justice Drake con-

interfere with the administration of

VANCOUVER.

diana, one of the United States represen-

tatives on the Joint High Commission.

fine of \$20 and costs, including medical

At Friday night's meeting of the

Trades and Labor Council Bro. Wil-

on the southwest corner of Pender and

Hamilton streets. Owing to the posi-

tion of the public buildings in the oppo-

site block the lots can be secured for

the different unions in the city to do-

liams, for the building committee,

the boundary question on the spot.

jail at hard labor.

Sel

New Westminster.

bor, was imposed.

off the principal.

## Provincial News. processor and the second

and Mary, daughter of Lou Campbell, SANDON, W. E. Kennedy died of pneumonia at C. Stewa t, thought it is to recall the history and pro- Sandon last week, and was buried theregress of Presbyterianism, with its millions, by the miners' union, of which he was a was brought in on Thursday night's member. This is the second death at train to the hospital, suffering from a

MOYELLE. A special train on the Crow's Nest Pass have done for years. Cattle owners exroad, which left Kootenay Landing late pect to have some fat cattle this fall, with human eyes look upon this assemblage Saturday night, ran over and killed two and witness on the shore of our own pic- men near Moyelle, a station two and a will not be disappointed. Cattle and turesque lake, shadowed by these moun- half miles west of Moyie. They were so horses on the ranges are in excellent tains in their mantle of white, the cere- mutilated that they could not be recog- condition. mony of the laying of this cornerstone of nized, but it is supposed they were emthis edifice to be consecrated to the ser- ployed in one of the ballasting gangs at

NEW DENVER. The first church bell in the Slocan was those of sectarian beliefs and denomina- hung 'n St. Stephen's on Saturday and was used on Sunday in announcing pub-

The marriage of Miss Blanche Gillis to ple, rock-bound faith which through Alex. Ferguson was solemnized at 9 Scotch, English and Irish parentages have o'clock Wednesday morning at the home handed down from generation to genera- of the bride's parents, Rev. Cleland offi-

TRAIL. A three-year-old son of J. Blewett, enbe commemorated and perpetuated in these gineer on the Columbia & Western raillights of the polar sun. It is a most grati- on Saturday last. Mrs. Blewett went flozen regions of the north are entering | child in the house in charge of his fathcommerce, civilization and religion wedded er. The boy went out, and shortly after earth can break asunder, with the driving a search and found the body stuck fast of the nails and rivets to be heard in the in, the brush about two hundred yards has been recovered and forwarded to

YMIR. The president of the waterworks company states that the water will be laid Christianity which is in evidence here this into the town within the next fortnight, The special constables at the Ymir mine struck work the other day, objecting to do manual labor, as that did not come under the heading of police duties. The miners here are very quiet and or time, that brings man closer to man, neigh- derly, but are determined not to accept less than the standard union wage, \$3.50 for the eight-hour shift.-Nelson Tri-

> The telegraph line between Kalispell and Fort Steele has been extended from Drake in passing sentence remarked nects with the Canadian Pacific railway system. At St. Mary's Roman Catholic Mission entries in the railway company's books, between Fort Steele and Cranbrook, the which as a servant of the company it Indians are well ahead with their spring was his duty to enter. This was a operations. An order recently arrived from Ottawa ordering further vaccination stood his ground, and had given the railand Rev. Father Cocola, the priest in charge of the mission, and Mr. R. T. Gal-

braith, the Indian agent of the Kootenay,

have been on a trip among the different

tribes vaccinating them.

FORT STEELE.

NEW WESTMINSTER. A man by the name of Lee was brought into the city by Constable Hughes, of Mission City, on Thursday, He was taken to the Columbia hospital; where he died on Thursday afternoon. Chief McPhie, of the fire department, has given notice to all owners of wooden buildings inside the fire limit that

Frank Odin, who, as previously reported, died of apoplexy at Soda Creek was born at Point Roberts in 1864. At Pacific Navigation company and had been running on the Fraser up till 1898, when he accepted the position of cap-Cocaine presents, doubtless less clearly tain on the Klondike transportation boat called the Schawatka, which was running between Vancouver and the

Yukon. Perrier the condemned prisoner at the the same family, at some distance below, jail, is getting along as well as could would sentence the prisoner to two be expected, and has so far recovered years in the penitentiary. as strychnine or atropine. All this may from his recently self-inflicted wounds that he now takes beef tea.

The death occurred at 5 o'clock on Saturday morning of Mr. Alexander Anis a general anesthetic that surgery can- derson. Mr. Anderson, who was aged not utilize in general anesthesia. But, 53 years, was a native of Banffshire. on the other hand, surgery has made the Scotland, and came here about 12 years most of cocaine for local anesthesia, us- ago, being followed a year later by his ing it to render the region which is to family. For the past five or six years undergo the operation insensible to pain he had been more or less of an invalid, suffering from asthma and some lung trouble, which eventually proved fatal.

ROSSLAND. On Friday night the Masonic hall was at the War Eagle ore bins, caused by Sunday, was tried in the police court on and his two companions. First, burning brush on Saturday afternoon, the chemical fire engine upset trying to prisoner and Mr. O. L. Spencer appeared The crowd promptly righted the machine.

A quiet wedding took place on Monday afternoon at the Baptist parsonage. Mr. Hans Haertel, formerly of Milwaukee and now in the service of the B. A. C., and Miss Marie Ellen Barber, formerly of Lucknow, Ont., were the contracting commended the purchase of the two lots parties, and Rev. W. T. Stackhouse conducted the ceremony. During the month of May 82 claims

were recorded in the Rossland office.

Mr. Kirkup issued 361 free miners' licen-

just about the average number. or less grave accidents of intoxication by There exists no society for the prevention of cruelty to animals in Rossland. but if such an organization existed doubtphysicians that many of them renounced less they would call the attention of the cocaine. It was considered an agent city council to the fact that there are of uncertain action and very dangerous. I.o public troughs for the horses, When the hot weather does come these troughs will be needed and/the civic authorities might very well consider the advisability

of erecting a couple of them in the most convenient places. The Miner. Rev. Robert Frew has decided to build a manse on the lots adjoining St. Paul's church.

Two couples were married in Nelson on Tuesday by Rev. Robert Frew. They

complying with the terms of its franchise

echo back its refrain, may now be heard for the length of the spout connecting Changes are being made in the upper

accommodation for Chief and Mrs. Guth- Pleasant and the other in Prior street section on the lines of the recommendation of the mayor and engineer, according to the scheme in vogue in Cham-There was a happy gathering at the paign, Ill. Campbell ranch, near Ducks, on

Chief of Police Stewart is steadily re-Wednesday evening, when Fred. Buse, covering and was able to visit the police station on Friday for the first time were joined in marriage by the Rev. J. for some weeks. A man named Adams, of Salmon Arm.

The people living at Central Park were alarmed on Friday by the most serious fire that has visited the settlement for some time. A house situated on the property of the Western Stock Yards saught fire and was totally destroyed, together with a large portion of the contents. The damage is estimated at about \$500.

Many are asking who would be held and, judging from present appearances, responsible should an accident result rom the rocks and building material that contractors allow to encumber the The legitimate obstruction streets. W. J. Curry, Nanaimo's well known caused by bricks, etc., deposited on the dentist, is about to take up his residence road in the immediate vicinity of buildin Kamloops. His wife's health necesings in course of erection is bad enough. sitates her removal to the dry belt, and but rocks dumped hap-hazard in dark so Dr. Curry is disposing of his business corners should not be allowed. Close to and other interests in Nanaimo with the intention of settling in Kamloops as the corner of Cambie and Hastings streets a large boulder has been lying in quickly as possible. Mrs. Carry came the road for over a week and more than up from Nanaimo last Sunday, and is one cyclistin has narrowly avoided a now out at Nicola lake. Dr. Curry exsmash-up in consequence.-News-Adverpects to be here within two weeks.-In-

AN AFRICAN TRAGEDY.

proposed hotel. The company hope to (How a British Officer Was Killed and Eaten by Black Cannibals.)

Eastern papers have published full details of the killing and eating, on the Congo, of Captain Maurice Bell who Night Watchman Jarivs has been appointed chief of police in the place of A. was in the service of the Free State. The body of A. V. Neville, the Crow's Lieutenant F. J. Andrew, a Scotsman, Nest Pass brakeman, who was drowned in the Belgian service, who was with on Sunday in Duck lake, opposite Sirdar, One carroad of machinery has arrived for the sampling works, and another car is on the way. Contractor McNally has Mr. Fred. Hume-kas induced the govthe interior, to Basoke, at the confluence on the Congo and the Aruwimi, left the effectiveness in royal artillery tests. eliment to consent to appropriate \$10,latter place on an expedition against 000 (instead of \$6,000 as was originally certain Aruwimi tribes living four days' intended) for the building of the new journey from the river. The expedition Land Registry office ! The work is to was commanded by Commandant be commenced as soon as tenders can Wert, who was accompanied by Lieutenant Giertsens (a Scandinavian), Cap-At Nelson assizes last week W. D. tain Bell, and 150 black troops. Its ob-Brewster when asked why the sentence ject was to prevent the tribe descending of the court should not be passed upon upon the peaceful villages on the main him said that he had only offended in Congo River. The force left Basoko in his attempts to shield Sinclair. Justice canoes on the morning of January 18, and reached the Congo post of Bopamba Fort Steele to Cranbrook where it con- that, the jury had taken the view that the same night. There they left the river, and after passing the night at the the prisoner was not guilty as a thief but that he was guilty of not making

station

Struck into the Bush. After a two days' march, Commandant Van West halted, and divided the expedition into three sections, each of which consisted of fifty soldiers, commanded by one white man. Lieutenant cith, and so on. An ordinary press holds Giertsens, with his column, was sent in eight pieces, the folds of cloth being a an easterly direction, and Captain Bell was despatched to the south with orders hollow presses are used, and ten of them to scour the country, and then return are placed on an iron track in a system to the commandant, who pitched his communicating with a hydraulic press. The camp and remained where he was with electric conductors rin along the ceiling, his soldiers and porters. Of Lieutenant Giertsen's movements I know nothing, the positive side and one from the negative of six small children as reasons for a as I was invalided home before he reside are connected to the copper corners lenient sentence. Justice Drake said that turned to Basoko. Of Captain Bell's of each press board by ellips, and the current sentence. expedition I have full information from rent is adjusted to generate the heat the Commandant's runners, from fug. necessary, about 48 amperes at 110 volts family very much and added that he had the Commandant's runners, from fug. necessary, about 48 amperes at 110 volts reserved a very strong petition. The itive soldiers, and from Bell's own boy, for three-quarters of an hour to an hour prisoner, however, had an opportunity of all of whom told the same story, which and a half being the usual requirement for expressing himself and saying anything was subsequently confirmed by the Beleach press. With coal at \$5 a ton, the he could in his own favor which he did gian punitive expedition, afterwards maximum cost of heating a press is under not take advantage of. He could not set to avenge the British officer's death 15 cents, wh'le by the old method of plachis eyes to the fact that the pris. When sent on the expedition Captain ing in a special oven it was 21 cents. There oner had placed every obstacle possible. Bell was in had health, and very weak are more important advantages than econ the early age of 17 he was captain of in the way of the prosecution and in from repeated attacks of fever. Althe Reliance, owned by the Canadian preventing his own return to this counthough from my sick bed I did my best the heating, cleanliness and avoidance of try, so far as the evidence went large to dissuade him from going, he pointed overheating the workshop, sums of money had been traced into the out that if he remained behind the Belhands of the prisoner and had never gians would only place one construction upon his action. He accordingly startcluded by saying that he could not allow ed. After leaving the Commandant, consideration for the prisoner's family fifty black troops proceeded in the di- London had rather less than half the hours justice and under the circumstances he rection of a village called Mondimbe, of sunshine of inland stations, and a little While marching in Indian file through a dense forest they were suddenly

Surrounded by 300 Spearmen. Rev. A. E. Green, of Mount Pelasant. The soldiers , who were mere boys, and on Wednesday united in marriage J. R. like all their comrades arrant cowards, Sharpe and Miss Eva Lena Vernon, the no sconer saw the natives approaching adopted daughter of Captain Insley, of than they threw down their rifles and cartridge belts, and cleared into the Vancouver may shortly have a visit bush, leaving Captain Bell, his native from Senator C. W. Fairbanks, of In- sergeant, and one boy to resist the atthe end, naturally overcome Capt. Bell loaded and fired his rifle again and Mr. Fairbanks is now on the coast prep- again, and when at close quarters used aratory to leaving for Alaska to study his revolver with such effect that he accounted for fully ten natives before the Ah Ling, the Chinaman accused of end came. The cannibals, however, in destroyed by fire. While going to a fire murderously assaulting Jim Kee last the end, naturally overcame Captai Bell Thursday. Mr. A. Williams defended the three were speared, then cut up and afterwards eaten. In accordance, with turn the corner of Columbia avenue. for the prosecution. A large amount of their usual custom when a white man evidence was put in, and eventually a is killed, pieces of the body were despatched to all the surrounding villages to fees, or in default three months' hard la- inflame the natives. When news of the tragedy reached the main river, a punitive expedition was sent from Basoko, and also a force from Commandant Van West. Portions of the bodies were then found in a village twenty miles distant from the scene of the struggle. In the punitive expedition one hundred natives were killed, and a number taken prisoners.

\$4,000 cash. The committee suggested LONDON'S GREAT HOUSING that the council ask every member of PROBLEM. Vast as the Metropolis of the World is nate one day's pay, as a free gift for the purchase of the site. It is estimated already, it has to do a great deal yet in this would yield \$3,000, leaving \$1,000 the way of expansion. The London to be raised by gifts from funds or the County Council is at the present time liberality of those who could give more wrestling with the problem of housing than one day's pay. The committee was decidedly of the opinion that the lots the working classes. They have made should be paid for before the building manifest the impossibility of making operations were commenced. If this adequate provision on the present lines were done it would be an easy matter at reasonable cost for the myriad toilers cushions. The cushions now in general to borrow say \$6,000 at 6 per cent,; to of the great city. The chief difficulty use are composed entirely of rubber, put up a good building (brick), two storeys high; the ground floor to consist arises from the cost of land as the Counof three stores, or, better, 1 corner cil has to buy at the market price. It ticity but a short and or rainy days. The store and suites of offices facing on is not the size of London but the density and lifeless on damp or rainy days. The Pender street, with a good dwelling of population which constitutes the public new device is intended to remedy this house facing on Hamilton street. The lic danger. The death rate varies from defect. The New York World says the upper storey would consist of one large 16 in the rich to 40 and even 45 per 1,000 inventor describes it as follows: hall, capable of seating about 500 per- in the poor and over-crowded districts. "It is composed of a case or envelope sons; two smaller halls for union meet- The only remedy seems to be in expan- of rubber, within which is a U-shaped ings and a committee room, with lava- sion. The Council has a means in hand metal spring. The rutber case is of the tory. The committee firmly believed in the partial possession of the tramway same shape as the cushion at present in that such a building, situated on the spot system. People already travel long discusse, and is not quite a quarter of an indicated, would yield a revenue from lances to their work, but the prospects inch thick. The metal spring may be the start and in a few years would pay see that they will have to remove still either of steel or brass, and fits closely further from the active life centre in inside the rubber case. This spring is the At a regular meeting of the Board of

sewerage question, that directions be spout. The length of the cones was by placing an order with H. J. Evans & given to the city solicitor to prepare a wife and 15-year-old daughter four miles strength of the spring can be regulated by-law for submission to the electors to northwest of Delmont, S. D., on Friday borrow money for the construction of night, and then disappeared. story of the fire hall which will provide two septic sewer tanks, one on Mount are in pursuit.

Loguers by placing a layer of colored syrup at the bottom of a tall cylindrical glass containing water, and then gently rotating the water by means of a spoon. In a few seconds the syrup rises up into a cone, with apex prolonged upward until it joins a down-pointing cone formed by the water. The two cones revolve spirally in the same direction. The substitution of small pieces of sugar for the syrup gives a further imitation of details, undissolved particles being sucked up and thrown outward, while the lower cone is smaller than the upper and moves much faster, small cones also being formed below in addition to the principal one. These are phenomena of the atmosphere when masses of it are set in rotation by upper currents coming tegether.

Rubber waste is made again useful according to a newly patented German process, by dissolving the material and separating it from the solution. Suitable solyents prove to be auiline, tolnidine and xylidine, at 140 deg. to 180deg. C., and dilute acid added to the solution causes the organic bases to remain dissolved as salts, while the rubber separates as a tough mass. This is washed and dried. The caontchoric is recovered for new uses without devulganization, and the solvents may be removed by alcohol.

Great improvement in the sighting of the The particulars, which are supplied by fixed guns of fortresses has been effected by Sir George Clarke, who has found that with the height of the gun above sea-level Captain Bell, and has lately returned to given, the angle of depression of the line England from the Upper Congo, invil- of sight determines the range, making it ided, are as follows: On January 18 last possible to arrange a sight so that when Captain Bell, having been ordered down the movement of the gun lays it on the the river from his post at Gambuya, a water-line of a floating target, the gun station on the Aruwima, some miles in shall have the proper elevation for that range. These autosights have shown great

The sun's lifetime is calculated by Dr. T. J. J. See at 36,000,000 years, 32,000,000 having been already spent.

The pressing of cloth by means of brards heated by electricity, the "electro-ca'ldor" process of M. Chedv'lle, has been reported on by a committee of a French industrial society as an important development. The press boards are composed of asbestos paste covered by a netting of German silver, which in turn is covered by paper pulp, the whole having a thickness of one-twelfth to one-sixth of an inch. Electric connection is made through copper-covered rojecting corners. In filling a press, a plece of cloth is folded on a plate of iron, and three press boards are placed between the folds at equal distances, then another iron plate is added, with another piece of eight pieces, the folds of cloth being a meter wide. At the factory of Messrs, Blin parallel with the track. A small wire from side are connected to the copper corners omy, however, such as nice regulation of

Comparing the atmosphere of the British metropolis with that of towns within 100 miles, Hon. F. A. Rolls Russell finds that Captain Bell and his small force of in the five months ending with last March more than a third of the sunshine of places on the south coast.

The heat of sunshine is an enormous store of energy not yet made available. Attempts more or less encouraging have been made to utilize this energy, and, it is proposed to make the supply, confinnous by storing some of the heat. conical copper reflector, with a boiler of heavy glass in its center is suggested as a collector. The heat thus gathered would be stored in a reservoir of sand, surrounded by a heavy woollen covering, and would be retained a long time, it is believed, raclation being very slow. A simple mechanism can be made to keep the conical reflector pointed toward the sun action. The obvious difficulty in the way of carrying out such a plan is the great size it would be necessary to give the apparatus to gain any considerable power, but it seems quite possible that engines and dynamos may yet be driven by the energy stored from the sun's rays as heat.

Mortar strengthened by an iron core has been found by M. Considere to be capable of undergoing without rupture an clonga-tion twenty times as great as would be ressible without the core. The tests were made with various cements and concretes, using prisms two luches square and two feet long, in which were imbedded iron reds or wires. The conclusions were reached that building foundations with cores would be far less liable to injury from setting, unequal expansion and shock, and that wrought iron and hard rail-steel add nuch greater strength to mortar and concrete than the iron usually employed for

BILLIARD CUSHION OF STEEL.

A device recently patented bids fair to revolutionize the construction of billiard ticity but a short time and become slow

'life' of the cushion, the rubber being simply to protect the ball and the cloth C. Clark shot and fatally wounded his from direct contact with the metal. The so as to give the cushion any desired Officers speed, which would remain the same in all kinds of weather and retain its 'life.' "