Lords Ripon and Morley were es-corted from the station to their hotels tonight by a torchlight procession, in which fifty trades were represented.

which fitty trades were represented. Father McKenna, a priest of Kildys-ari, has been summoned for the de-nouncement of the resident magistrate of Ennis (before whom Mr. Cox was tried) as a dog, scoundrel, blackguard and trattor. LONDON, Feb. 1.—John Morley and Margune Dinco ment to Dublio. Index:

Marquis Ripon went to Dublin today; they received ovations at different stations at which their train stopped. The committee baving in charge the proposed demonstration in bouor of

O'Brien and Sullivan, has been hoy-cotted by all the owners of large balls

cotted by all the owners of large Dalls in London. BOSTON, Feb. 1 — Earthquake shocks were felt at many points in Maine, New Hampshire and Vermont at 11 O'clock this morning. No damage has been reported, but the shock was severe enough to rattle windows, etc. LITTLETON, N. H., Feb. 1.—A severe shock of earthquake was felt here at 11 o'clock today. Sume people were so

LITTLETON, N. H., Feb. 1.—A severe shock of earthquake was ielt here at 11 o'clock today. Sume people were so alarmed that they fled from their bouses. Ne damage was done. BERLIN, Feb. 1.—The tone of the rovernment organs on the anti-Social-ist bill indicates a complete surrender by the government and willingness to accept a two years' prolongation of the operative period of the present law and to abandon the offeusive amendmet. ¶ The Grown Prince went on a lon excursion today to Ospepalatte. He was accompauted by the Urown Prin-cess, Duke of Hesse, Princess of Saze-Metaingen and Dr. Mackenzle. The Sachriston referring to the re-port that Lora Randolph Churchill de-sired to visit Prince Bismarck, while in Germany, but received through Herbert Bismark an Intimation that the Chancellor was so fully occupied with public business that he could not receive him, says that those in a posi-tion to know the facts, state that if Lord Randolph had lutimated a desire to see Prince Hismarck, the latter would have been ready to receive him, even though the visit might not have been convenient on account of ill health or press of business. been convenient on account of ill

been convenient on account of hi health or press of business. UHARLESTON, Feb. 1.--Fire at the Union wharf thus afternoon destroyed 1,300 bales of cotton belonging to the Union Cotton Press, and de-stroyed or damaged 80 bales belonging to other restites Less. \$100,000, fully

the Difference of damaged \$0 osles belonging to other parties. Less, \$100,000, fully nsured. SAN FRANCISCO, Feb. 1.—The Mer-ced Canal that has been built to con-vey water from the footbrils of the Sherra Mountaius to San Joaquin Vai-ley, was formally opened today. The reservoir in which the water is stored, contains 640 acres. The canal is 27 miles long and has been five years building. It will irrigate over a quar-ter of a million acres. GatvFsron, Feb. 1.—Cyrus S. Ober-ly, for several years past staff corres-poudent of the News, died suddenly this morning at Houston. He way the younger orother of C: vil Service Com-

younger orother of Civil Service Com-missioner Oberly. NEW YORK, Feb. 1.--Hon. G. W. Schuyler, a descendant of Gen. Philip Schuyler and a well-known politician, died at fubaca today, aged 78. He was a trustee of Corneli University. Geo. I. Finkle, leader in the famous anti-rent was in Hudsou and Monawk Valley in 1844-45, died today, aged 80. Lisbox, Feb. 1.--Sthor Souza Roea Portuguese minister to China, has been appointed minister at Washing-ton to succeed Schor Nogueiras, who recently died.

BEUNOS AYRES, via Galveston, Feb.

Incently died.
BRUNOS AYRES, via Galveston, Feb.
BRUNOS AYRES, via Galveston, Feb.
I.—Negotiations for the Santa Fe toom on the loan is £1,000,000.
CINCINNATI, Feb. 1.—The remains of General John Finuell of Covington, Kentucky, who died at Helena, Montans, were interred here today.
VIENNA, Feb. 1.—Herr Kropp, the gun maker, had a private audience with the Emperor today. It is supposed the Emperor today. The cover Misson today issued requisitions on Gov. Bockner, of Kentucky, for Tom Chambers, Andy Vadney, Selkirk Mc-Cov, L. D. McCov, Moses Christian, David Mahone, D. D. Mahone and Pliant Manone, citizens of Logan County, alleged to have been cnagged in the recent border feud.
TorionTo, Feb. 1.—Summonses have heen served upon ex-Mayor Manning, president of the Traders' Bank', H. S. Straby, manager ot the Traders' Bank's solicitor, and Elias Rogers, a coal merchant, to answer to the charge of compounding felony in heing parties to the destruction.

Straby, manager of the Traders' Bank; R. Scelliog, the bank's solicitor, and Elias Rogers, a coal merchapt, to answer to the charge of compounding felony in being parties to the destruc-tion of forged promissory notes.
LoNDON, Feb. 1.—The trial of Thos. Collon, formerly of Lowelt, Mass., and Michael Hopkins, of Philadelphia, al-leged dynamiters, was begun today at Newgate.
LONDON, Feb. 1.—A dispatch from Batoum, says the cashier of the Trans-Caucassian railway has been murdered by two Nihlists disguised as gnards. The murderers decamped with 12,000 roubles. One of them has since been captured.
VICKSDURG, Miss., Feb. 1.—E. Short, railroad agent at Knoxylle station. was

fires to celebrate the release of O'Brien. Lords Ripon and Morley were es-orded from the station to their hotels which has arrived with smallpox aboard. The City of New York, which arrived last week, as this in quarantine. SAN REMO, Feb. 2.—Prof. Virchow has examined a fragment taken from the very center of the trouble in the crown prince's throat and declares it shows no evidence of curtar

crown prince's throat and declares it shows no evidence of cancer. ST. AUGUSTINE, Florida, Feb. 2.— Miss Terry, sister of Gen. Terry, 8835: "My brother is not, nor has he been sick enough to cause any serious ap-prebension. He is so much improved of late that the state of his health oc-casions us no concern." Many mcn invariably express surprise upon see ing General Terry that his health ing General Terry that his health should ever have been made the sub-ject of newspaper comment, for his appearance is that of a perfectly well man

LONDON, Feb. 2 .- Five fashiouably LONDON, reo. 2. — Five factorial of the dressed men were arraigned in the Marleyhorne police court today and charged with attempting to obtain 30, 000 pounds from the Bank of England upon forged or stolen bonds of the Hamilton & Northwestern Railway of Canada. There was one other mau in the gang whom the police failed to in the gang whom the police failed to secure. They also failed to capture the bonds. One of the prisoners has posed as Lord Fairfax and had lived in

atyle at the Grand Hotel in Paris. All five were remanded. DUBLIN, Feb. 2.—The tenantry on the estate of the Counters of Kingston have expressed themselves satisfied with the terms offered by the landlord who screes to allow twenty ner cent who agrees to allow twenty per cent reduction in rents, to pay all costs and to reinstate the tenants who have

and to reinstate the tenants who have been evicted. ATLANTA, Feb 2.—Governor Gordon today commuted the sentence of Eliza Randall, who was to have been banged in Clay County on Friday, to im-prisonment for life. She killed her father with an axe. Public sentiment arainst the infliction of capital pun-ishment was what saved her from the gallows. PITTSBURG, Feb. 2.—Sporting men

pallews. PITTESURG, Feb. 2.—Sporting men have discovered in Jack Fogarty a man whom they will back against Jack Dempsey, with or withont gloves—the latter preferred. LANSING, Feb. 2.—The Palms will case was reversed by the supreme court. The two children get the in-come of the estate, amounting to \$200,-000 per annum; the grandchildren get the estate. DUBLIN, Feb. 2.—The freedom of the city was conferred on the Marguis of

City was conferred on the Marquis of Rinon and John Morley. WASHINGTON, Feb. 2.-Denis Kear-ney talked to the House committee on toreign affairs this morning in support of the Cummings bill prohibiting Chi-ness immignition

foreign analysis bill prohibiting Cur-nege immigration. Sw Lours, Feb. 2.—In the prelimi nary examination of L. W. Brock and Tim Burrows, at Texarkana, Brock made a confession of the train robbery at Genos on December 9. He said Jim and Rube Burrows, caused the engi-neer to bring the train to a stop and under instructions of Rube Burrows, leader of the gang, he entered the ex-press car, there met three men whom ne tatimidated with a six shooter, and handing a bag to one, two of them

ne istimidated with a six shooter, and nanding a bag to one, two of them compelled tim to put the money and contents of the safe in the bag. He put \$3,600 in money and \$6,000 in other valuables, in the mag. The three then started on foot for Texarkana, and on the way divided the booty, his share being about \$800. The firemen, J. J. Craven, recognized Burrows as the robber whose mask slipped off as he catered the engine cab. Both men were bound over in \$7,500 bail. Burrows waived examination.

over in \$7,500 bail. Burrows waived examination. LoNDON, Feb. 2.—A prize fight for the feather weight championship under Marquis of Queensberry rules has been lought at Newmarket between Monk, of Birmingham, and Donovan, of Bermondsey. Donovan, who had 14 pounds the advantage in weight had the best of the fight from the beginning. After sixty-three rounds Monk was unable to come to time. He was badly punished and received an injury to one of his legs. The fight lasted 3 hours and 25 minutes. LONDON, Feb. 2.—A sharp shock of

LONDON, Feb. 2.—A sharp shock of earthquake was feit in Scotland. No damage.

The shocks were also felt in different parts of England. Reports from Birmingham, Coventry and Edgoaston, a suburb of Birmingham, show that disturbances occurred in those places. In Scotland the shocks were especially marked at Dinwall, County Ross, and at Inverness.

CAIRO, Feb. 2 .- The overland mail doned. The Prindix steamers will bereafter pass through the Suez Caual

bereatter pass through the Suv2 Canal LONDON, Feb. 2.—Dispatches from William O'Brien, who is now on the continent, show that he is greatly im-proved in health and will be present is the House of Commons on the reas-sembling of Parliament.

Battorni, says the casher of the third partiament.
Sembling of Parliament.
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PROBIBITION VOTE

would be greatly increased at the next presidential election, and that the third party would poll fifty thousand votes in New York. The republicans could not carry that state. The pro-hibitionists would concentrate their could not carry that state. The pro-hibitionists would concentrate their efforts on New York and do some work in Ohio. General Fisk, of New Jer-sey, would be the standard bearcr. Asked as to his opiniou of Mr. Blaine, General Dow replied: "Mr. Blaine is personally a temperance man and prohibitionist. I voted for him in 1884, thinking that if he would be elected the republican party would be country. I shall not vote for him in the coming

The republican party would recover the confidence and respect of the country. I shall not vote for him in the coming election. It is no longer a question of Candidates, for the reason that pro-hibition cannot win in the lifetime of the republican party." UTTAWA, Feb. 2.—Admiral Henage, who assumed command of the British fleet in the Pacific, has in his report to the British government drawn atten-tion to the inefficiency and weakness of the squadron on the Pacific Coast. As a result, it is reported here that the imperial government have decided to add geveral vessels to the admiral's command. His orders for the coming season include a sharp lookout to see that the rights of British sealing ves-sels in Behring's Sea are not interfered that the rights of British sealing ves-sels in Bebring's Sea are not interfered with in the future. When here the ad-miral said that if he had been in com-mand of the station when several Cau-adian schooners were selzed by the United States cutter Corvin, last year, he would have given the Yankee cruis-er a sample of what British justice was. The admiral is said to be a hot-headed old sailor and it would sur-prise no one here to learn that he had got Great British justor.

A COMPREHENSIVE ARTICLE

On the Subject of Sugar Making.

I notice in your last evening's issue an extract from a letter from Brother Jacob F. Gates, now on a mission to the Sandwich Islands in which he writes on the sugar question as fol-

lows: "Knowing the greater facilities we have here on the island of cheap labor, a continuous season suitable for cuia continuous season suitable for cul-tivation aud manufacture and the greater tonnage per acre on account of the superior quality of land and kind of canc, and knowing how barely pos-sible it has been with all these advan-tages, with the best of modern ma-chinery, for many of the plantations here to keep their heads above water during the past depression in the price of sugar. I can hardly beheve, after this that his estimates were cor-rect. Perbaps there is money in the amber cane; but I have been led to doubt it for several reasons: "First-Cane soon impoverishes the land so that after a very few crups the

"First-Cane scon impoverishes the land so that after a very few crups the yield on the best of soli is very small. This is my experience and observation on our land in the southern part of Utah.

Utah. "Second—Al: cane grown in Utah matures but a few weeks at most oe-fore frost, and must be worked up within that time or it will get fresten and sour. It might be suggested that machinery could be put up that would work on the entire crone within this machinery could be put up that would work up the entire crop within this time; but a little computation will soon prove to anyone that machinery required for such a purpose would cost vasily too much to justify it lying idle ten months or more during the year."

Brother Gates thinks the estimate for making sugar here at five cents per for making such the correct hecause on the Islands they can hardly keep their heads above water with what he claums the greater facilities they have there. I have long ago looked into this matter and obtained information from necessary who have managed planfrom persons who have managed plantations there, and can therefore answer his objections. With regard to "cheap labor" the Islands have po advantage. It is true they pay only one-third the price, but a white man here will do three times as much work as a native will do there.

under circumstances where the grass aud weeds grow 865 days to the year; that means from 550 to 600 days cultithat means from 550 to 600 days culti-vation for a crop, which is from 425 to 475 days more than sorghum requires for a crop of sorghum can be raised and worked up into sugar in 120 days Greater tounage per acre. No! while the island cane yields 25 to 50 tons per acre requiring*cultivation for say 600 days, sorghum will yield two crops of 12 to 15 tons each, req iring 225 to 250 days work, as shown above, is about the same, the same tonnage of sor ohum can be raised for 512.07 say the same, the same tonnage of Sor ghum can be raised for 5 12, or say one half the amount that island cau-cau, and as the sorghum gives to the tou from 100 to 115 lbs of good sugar, not needing refining, and island cane from 139 to 140, that does need refining, the advantage is decidedly in favor of the sorghum. Right here let me point out, a very great economic advantage the sorghum. Eight here let me point out a very great economic advantage which the sorghum has over the is-land cane, and that is in the seed produced. The island cane has no seed (and is therefore propagated from cuttings) whereas the seed raised on an acre of sorghum will pay the whole curpages of raising the crop on the the expense of raising the crop up point of cutting and hauling mill. This is an important fl to the *ilnancial* factor which neither the island cane nor the sugar beet possesses. Thus, when we make our own suger here from sorghum, we also make our own bacen (for which we now pay out be-tween three and four bundred thou sand dollars per annum) and were we to make our sugar berk irom elimer island cane (which is impossible) or sugar beet we must either raise grain sugar beet we must either raise grain for hog feed on other lands and a other expense, or still continue to pay out the large sum of money before mentioned. Thus while the Island planters can bardly keep their heads above water it is not difficult to see how "the sorghum planter can reap a tolerably bandsome profit." With property of the planters in the

or from July to the second January,

With regard to the planters in the Islands having "the best of modern machinery," they have no doubt the best of modern machinery of the an-cient kind. While explaining to Brother Gates the cause of the "de-pression in price of sugar," which he mentions in his letter, I will also show him that the really modern kind of ma-chinery differs very maternally from chinery differs very materially from that which he now calls the best. The principle of diffusion which has been for several years used in Europe for the manufacture of the best sugar has worked a revolution in the kind of machinery used. The old ponderous and very expensive crushing mill and and very expensive crushing mill and hydraulic press machinery are set aside and the simple machinery now used for diffusion has taken its place. By this process 93 per cent of the suc-charine properties of the sugar prod-ncing plant is easily and readily obtained, whereas by the most moderu crushing or pressing machinery only from 47 to 55 per cent of the saccharine can be obtained. This wonderful ad-vantage secured several years ago by the scientists of France, Germany and Rossia, and the bounty of one and a half cents per pound paid by the two latter countries, gave the sugar pro-duction in those cuuchtes such an im-petus that they have not only doubled latter countries, gave the such a pro-duction in those-countries such an im-petus that they have not only doubled their per capita consumption at home, but they have exported vast quantities, and in order to obtain the bounty, shipped their sugar to the purchasing markets in advance of the demand and have thus clogged the averages of trade and of course brought about a depres-sion in price. The success of this principle of diffusion in extracting the saccharine from sorghum, now clearly demoustrated through the govern ment experiments, enables me to come to the front with the business I have been wreating with for several years in Utah, and declare it and show it to be new profitable to make our own succer, as I have before, by the tops I have made, shown it to be practicable. With regard to the first of Brother Gat-s' reasons, namely, the exhaustion of the soil, I don't care to presen much argument on this point, although I find some practical farmers who, inse myself, have made a business of rais ing cane, who say that cane is not as myself, have made a business of rais ing cane, who say that cane is not as hard on land as coro is, yet to cover the exhaustion of the soil I have pro-vided in my plan of a plantation two remedies; one is to return the chemical constituents drawn by the plant, which constituents science traches and ex-periments corrobustions and the other will do there. "Continuous season suitable for cultivation" It is true the Islands have a continuous season, and the cane crop takes advantage of it and "grows on for ever," thus causing a continuous cultivation of from elighteen to twenty months for a Crop,

tinnous planting, and increase instead of diminish the richness of the soil. Utah is plentifully supplied with a variety of furtilizers, bone dust, guano, gypsom and phosphates, the latter two in unlimited quantities, the former two only illusted by the energy employed in out ering them. gat ering them. With regard to the second reason

"the short season for working "the short season for working " It is true the season here is short compared with that of tropical climes, but though suort there is a s-ason of some four to eight weeks, according to location, before frost sets in, and during t ose weeks perhaps tropical enervation might despair, but northern energy grasps the situation, rolls up its sleeves, works continuously night aud and day, and produces wonderful re-suits, while the may raised under cir-cumstances which do not render this energy necessary looks helplessly on, simply woodering at the extent of the work accomplished

cumstatices which do not render this energy becess any looks helplessly on, simply woodering at the extent of the work accomplished My plan is to secure machinery of capacity sufficient for the crop, run nicht and day, taking every advantage of tim and weason and by so doinc a crop of 10,000 tons can be worked up into 10,000 bags of sugar in five weeks. And I would rather be burned by the fros to make a wind up chanyseason's work than have to contend with tho swarms of rats witch in the its the infest the fields, especially during the second crop, for they nest in the debris of weeds and leaves and live on the cane, bot ecomonically earing up one stalk at a little way and leaving the wound to sour the woole juice in it, while they attack another, and thus destrop a very larre proportion of the crop, for a quantity of sour juice with in utrailze the crystaling properties of fits own weight of good juice. With regard to the idea of the machinery lying idle ten mouths of the year. This is not a very nousual thing. The buildings of the bathing resorts do that, the farmer's mower, reaper, thresher, plow, is fact all the tools of a farmer have a ten or twelve months' rest, and nearly all other such finery does pretty much the same; why there is very little machinery that runs more than one-third of the ac-tunal time or about four months in the year, and it sugar machinery runs day

thal time or about four montas in the year, and it sugar machinery runs day and night for eight weeks, which would year, and in for eight weeks, which would probably be the extreme leucth of our season, we would get nearly half as much service out oi it as other ma-chnery gives, so that it is only like ly-ing idle a little more than half of the time. For lustance, take a pluning mill, lift ev run nhe and a balf our-a day for 300 days, they make 2 850 hours; if we run eight weeks we would run 1,344 hours, hous lack ing only a very little of one half And if the machinery can earn as much money in 1 844 hours as other ma-chinery can in 2 850, way should if Ao rest. Busides, I outh very much if that on the I hand plastations runs more the 1,344 hours in eaca twelve months months

months What regard to beet sugar in Utah. The experiments of Spreckles in Cali-fornia, in the course of time may re-sult in cheaper sugar than sorghum will make bere; when this is proved we shall then consider the oret, if the alkali to our soil does not increase the natural refractoriness of the julce to too great an extent and render it too uncertain and costly. Our machinery will be just the kind needed, and in the meantime we shall also experiment, and be prepared after each season's run on case to put through a few hundred tons of beets. Bother Gates asys some one nas demons rated 43 per cent, sweet in some prepared to a must. asys some one has demons rated 45 per cent, sweet in some bree's; t a must, be a misprint of about 30 per cent; but if be really means that flaure be should by all means secure some of those for seed and he could then raise beets which, with the simple process of cut-ting into slipes, stringing on a threa, and nanging up to dre, would be able to sweeten his coff e by bis dropping in a small piece, and bis cook would need only a suffing grater and a few chips of beet to aweeten her pis. The greatest practical per cent, lever heard of in favor of the part is sixteen; some persons have claimed eighteen, but it has never been practically demou-strated, and the European factories bas never been practically demou-strated, and the European factories make all ther constratt for hests con-taining between eleven and the teen, tot less than eleven nor expecting more than thir.eeo. ARTOUR STAYNER

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NUSTANG LINIMENT used Figorously many a valuable Horse and MULL'S limbs.

It chief that there apper 500 inclicants for the position of asso is a justice of Wyomang Territory, which Judge Blair is expected to vacate shortly, upon the expiration of his term.

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L'iniment. C E2 E3 LINIMENT, Penetrates the EI 🗳 3 2 LINIMENT conquers SPAVINE, In HONER and MULLE. 2AN MUSTANG LINIMENT is death to Phirk 28, "CALED BREASTS and all INFLAMMATION. i nil nilmente treatment. CAN EDSTANG LINIMENT should aiways House, Stants and FACTORY. Saves loss? L niment ICAN MUSTANG LINIMENT, applied vigorou a to Swinney, Wind Galis and Sore Backs ! LINIMENT, curve Rheu Lame Bock, Stiff Joints. AN MUST ANG LINEMENT CUTON Mustang CAN MUSTANO I Stanc 20 MEXICAN MUSTANO Munches to the Very Bone NAME AND AND A AN MUSTANO A SUITE Ma un al MR. kel.t SCA -11 JO ~ z and in the h

SALT LAKE CITY, January 28, 1888. Editor Deseret News:

THE DESERET NEWS