A company has been organized in Windsor, and er a 1 Univer Company, with a capital of \$109,000. the maintactine of mowing machines, burse rakes, stell ploughs and other agricultural implements. artid from Contacto and the United States amounts to 12,800,000.

binder possesses undoubted adsantages rather clare of goods warrants a direct and ready which must constantly increase, and the necessity factoring them within our own province must there already monopolized the trade in the past, the completed by the 1st or September, and continue to do so to our loss, by taking the . 1.1 the province, and at a greater cost than work of this kind must be of great benefit to the A Rading to make a large and growing trade, gang engloyment to a large number of skilled and mercasing the wealth and prosperity of to-morrow, on business relating to the syndicate and bity, as well as being, if well conducted, a isher directment for capital which is at present the applying of the trade will be about \$50,000, belowing grutlemen have been appointed provial directors - Mesers. George Oburchill, J. E. Newile, Hantsport; Ierael Longworth, Trum, U. F. tornwallis, and Allan Haley, W. H. Blanchard, under Foresthe and Edward Curry, Windsor."

The committee appointed in connection with the red catton mill met on Tuesday night. A number letters have been received from parties thus early liging for positions A meeting will be held shortly, an expert from Montreal will address it."-Kingston

The conton mili scheme is gaining in popularity. enfirs promoters talk of baylog 10,000 spindles and Bonns -Kingston Waig.

A Me McNutt, of the United States, is at present Amajolis, Nova Scotla," says the Monitor, "with a to establishing a factory for the cauting of sweet u, strawcerries, bineberries, tomatoes, peas, beans, usis, plums, etc. He wants the farmers to guarantee a lifer to seventy-fire or more acres of sweet corn ely, for which be will pay cash, and a meeting of the gers is to be held for the purpose of giving the stantes. About twenty hands will be directly emred in the industry

Mesrs. Wilson & Co , Escuminac, are making 3,000 w traps for lobsters. -T. H. Fleigher, of Chatham, has wood for his factory at the same place .- It is said t the Messra Bell, of Richbuoto, will start a branch tory at the Graham fishing stand, on the south side the point, and it is also reported that Mr. J. B. Snowil intends opening a new establishment"- Moncton. | \$55 86. LB . Times

About fifty men are now steadily employed in the loyards of Mesers. Crandall & Cochrane. Work in th yards is now being prosecuted vigorously.-Three w ressels, in Chapman's, Palmer's and Hickman's uds, are expected to make a bum at Dorchester; two w resiels are building at Hopwell, A. O.; and the nmencing to build on a large scale, are advertising men to work in their yards.—The local corresponent of the Sackville I'est of this week report the commorment of no less than 20 vessels, mostly for coastse and West ladin trade. This shows that there is a mand for a class of vessels which a year or two ago re laid up in all directions." -- Moncton Times.

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The Fredericton, N. B., Capital anta :- \* A real about etery is to be started in Gibson without fall in a ery abort time. Mr. Alex. Gibson, whose name in con-

reported authorities as a remody for weevil, in the reportion of atout half an ounce to a ton of grain. theirs who feel disposed to try this remedy need to a continued that the liquid is very volatile and the vapor very explosive.

A few days ago the flon. Mr Creelman laid upon the table of the Legislative Council of Nova Scotta the tipert of the Department of Mines From it we learn that the production of gold in 1880 was 13,284 ounces 13.801 ounces in 1879; iron ore, 51,193 tons Gun-t 29839 in 1879; coal, 1,032,700 tons against W 2 3 in 1879.

-The l'ish Commissioners have made arrangetorute for placing a large number of fish in Maine waters this season. There are 200,000 salmon eggs in Panges that will hatch soon. Those are designed for the Penebuot and tributaries. The Androscoggin is to my stocked from the ponds in which striped toss have been placed.

—It has been ascerted by some calculators that bendon will keep 17 000,000 inhabitants in the next The population of London has doubled in the last forty years, but at the existing rate of increase a hundred and ten years will pass before it will be forbled again, and it will only have reached \$,000,000 If the year 2181.

A company that there is an increase from £2,118,000 in 1800 to beverages an increase in the same period from \$10. 55,000 to \$27.005 con. in finite and recetables au Increase from £2.9 () or 0 to £10 23 1:000 and infectended prospersion and cash value of these goods laneous articles of look, an increase from £2, 112,000 end that the annual cash value of these goods

-The Present Mosen, or says - Mr. H. Horwood manufactor) The large and increasing de- of the Proport Stone d Glass Works, has been of the Proport stoned tales Works, has been works without relilling time of these buoys was awarded the contract to the stained glass windows for placed on the Last Ouze station about a ratio and the new town half being completed in exchanger, three-quarters from the Mouse Lacht, and remained and will open works there in connection therewith there from April 18, or but year, until last mouth, The windows compalse three large ones in the upper and to all, so the American and Ontano manus hall, 26 in the auditorium and 30 transcess. It is to in had waither it was at times hidden from view by

to produced for at home. The establishment of the . It is shited that the first linking not of steel talls were jurchased in England on Saturday last. Thoengineers and construction men have been for the support of the theory, advanced by Sit William most part all engaged. Mr. Duncan McIntyre goes Thompson several years upo, that life probably origin-to Europe, per Cunard steamship from New York atcd on the earth from seeds brought to it on meteorto Europe, per Cunard steamship from New York

-A very important discovery of phosphate of lime has just been made in East Portland by a party of m out the estimated cost of the factory necessary miners employed by Mr. Vennor Experienced hands country. The singular part of this discovery has in the fact of its being struck when the snow covered the ground deeply. Mr. Vennor is now tracing out the phosphate rock as a private enterprise and at his own

> -One of the growing industries of Australia is the cooking and canning of rabbits. The Colas Preserving beginning of the past season and, the supply increasing, orders were given to limit the daily quantity to 2,700 pair. During the season, which fasted for 25 weeks, 675,000 rabitts were cannot by this establish. ment alena.

> -Anahown in the statistics of the department of buildings, the growth of New York city was more rapid last year than in any twelve months since 1872, when the speculative building mania reached its height. That year the expenditure on buildings was not less than \$27,000,000 In 1867 it was loss than half as much. It increased to sixteen and a half millions in 1878. The figures of 1880 show an expenditure of \$24,000,000 for new buildings.

-The total bonded indebtedness of the cities of the United States is reported at \$664,340,913. New York's twenty-eight cities load off with an aggregate debt of \$207,742,881. Maryland's per capita is the argest, and Oregon's the least. Geographically considered, the bonded indebtedness of the cities and towns of the United States, containing 7,500 inhabitants and upward, show that the Middle States lead with \$377,468,232, a per capita of \$76 51. Next come the Western with \$113,751,237, per capita, \$32.29; then the Eastern \$113,163,183; per capita, \$62.18, and the Southern \$59,964,161, per capita,

-At the late annual meeting of the Civil Bervice supply Association, the report was read. In it was stated that during the last six months goods to the amount of 696,6221 were bought, the receipts in respect of sales being 743,7521. The stock in hand was valued at 257,6114, the gross profit upon the trading was 85,0561, to which was added 4,1211 received from other sources of revenue. The working expenses ters. Eston of Estonville, Comberland, who are about amounted to 64,481/ being at the rate of 8/16s per cent. on the sales, and out of the net balance of 14,541 it was determined to place 31 to the credit of each sharebolder in the surplus fund. 7921 was paid se income tax.

-Blast furnace slag, that most hopeless of all waste substances, is now utilized to a great extent. It is converted into sand, mixed with a certain proportion of selenitio lime, and manufactured into bricks which possess many advantages over the ordinary bricks of commerce. Hy reducing the slag to a fibrous condition a material is produced which is usefully employed as a non-conductor of heat in

and will make this fallway a brilliant success

-Respecting the employment of Chinese tabor on the British Columbia sections of the Pacific Italiway under construction, Mr. Andrew Underdonk writes to the Inland Sentend, published at Yale -" There appears to be an impression abroad that we propose to work Chinamen on our railroad contracts, to the exclusion of white labor. This impression is working us an injury, as many who might otherwise apply for work are discouraged from doing so. As it is imperatire to work a very large force of men the coming season, we shall employ both classes of labor, and shall furnish employment for 3,000 white men, at

2462 were from Europe, 144 from Asia, 201 from Atrica, 1.143 from America and 201 from Australia

-The fayenious idea of lighting buoys with gas has been now for some time demonstrated to be of great practical value. A number of them are already in Canal. They are found to work admirably, and burn since Lelan hes element was the sole betters in continuously without attention from six to twelve uthree-sparters from the Mouse Lacht, and remained when it was run into and damaged by a passing vesse! —The syndicate has sheads ordered \$250,000 on shilling and suppose a weak, and the process of filling can be performed in a few minutes

these agile rodents brought in every night at the factory a total of \$3,381,370 Large as this quantity seems, it only allows about 31 cr as per sanum to each family of tive persons in the United States. New Jersey stands at the head in this industry, with 611,200 cases. The largest factory in that State put up 54,000 cases, or 1,300,000 case, white several packed 20,000 to 30,000 cases. Margland stands second, with 300,000 cases, and the little State of Delaware stands third, 181,000 cases. The Western States cut rather n sorry figure in this industry, Pennsylvania, Virginia and all the Western States being credited with an aggregate of only 112,000 cases, considerably less than one-fourth of New Jersey's product.

-From a study of phenomena of thunderstorms in the Gironde (France) M. Lesplault comes to the con-clusion that valleys are more struck by hall than table lands or hills. This is purely due to the fact that a certain depth below the cloud is necessary for the formation of hall. Further, the valleys have a marked, though only momentary effect on the direction of the clouds. For example, it a valley be in the axis of the sone of hall or a little inclined to that axis the hall clouds seem to be carried along the valley as dead leaves are carried along by the wind in a trench. If the valley is divided by a mountain spur into two others, the force of the half storm is also divided, and attacks the two secondary valleys in their turn. Valleys across the zone have also an effect, though leas marked

-Some years ago Mr. Pepper created some sensetion by undertaking to make sugar from old shirts. Sugar le now manufactured in Germany from old rage The rags are treated by sulphuric acid a al converted into dextrine, this is treated with a milk of lime, and is then subjected to a new lath of sulphurlo acid, which converts it into glucosa. The glucose obtained by this process is Iduntical with that of commerce, and may be used in the same way for confections, icea, When the manufacture has become more abuneto. dant the price will doubtlees be very small. It is knewn that a large number of substances are capable of transformation into glucose. The cellulose of fibrous tissues of wood, treated with sulphuric acid, is changed into dextrine and glucose, and glucose is industrially produced from starch.

-For controlling the action of electric light machines, M. Debrun (we learn from La Luniere Elec-trique) uses a very simple sort of measure of electric energy. It is a very long magnetizing coll, fixed horisontally, the core, half fron, half copper, forming one

closed the contract for the optical part of their great telescope. There has been considerable doubt whether a refractor or an enormous reflector would be selected, but the decision is in taver of the former. The object glass is to be three feet in diameter, and the Clarks, of Cambridge, Mass., are to make it for \$50,000. The mounting for the instrument is not yet provided for Proposals will be obtained from the principal instru-ment makers of Europe and America. Probably the mechanical part of the instrument will cost as much as the optical. It may be three years before the telescope is inished. If the instrument proves successful,

In the value of the live animals imported into 4,400 specimens of different postage stamps. Of these elect of the Senate; M. Becquercel, and other membeis of the Academy of Sciences, and other members, sonators deputies, and a great number of engineers tipe of the most extraordinate experiments was the transmission of a speech on a single wire trota Tours to limit, on a wire passing through Paris, the length of which exceeded eight hundred miles the

THE NEW CZAR Alexander Alexandrovitch, the new Czai, is thirty-fire years old. He is not a hindrome man. His face is decidedly Caimnek in type. He is growing bald on the temples and back of the brad, like the Prince of Wales and many other Royal princes of Europe he has a heavy square for head, a short flat noce, a Maphistophelian mouth, and a roidy complexion. The expression —In Otto Habn has rist published a volume under the title of the first countries and the title of theory, advanced by Si William Thompson several years ugo, that his probably originated on the mith from seeds hought to it on meteories in a number of illustrations of the mitton work contains a number of illustrations of the mitton meteories are full of fossil debras of spongiaria and polypes, some of which exist on the care and hought to early and polypes, some of which exist on the care and hought to early indicated that the figures in question are merely clustering that the figures in question are merely clustering crystals of culative, in fact, M. Member has successfully created the zoophytes in his lateratory

—The total product of the tomato canning industry for the season of 1880 is stated at 1,512,150 cares of 184 caus each, or 30,771,600 3 lb, cans, worth at the factory a total of \$3,381,370. Largo as this quantity in constitutions of public police and to above by deads and to above by deads and to each or public police. aum of his countenance is a cutious mixture antity was forced to take an interest in executive affairs and in questions of public policy, and to show by deeds and words that he was endowed with as much judgment as bis lamented brother. Though not always equal to the bis lamented brother. Though not always equal to the occasion, his wisdom surpassed all expectations. As Alexander II., when simple Usarevitch, professed more liberal opinions than his father, so did Alexander Alexandrovitch entertain views far more in keening with the progress of our age than those of the late Emperor. As the latter fought for a more liberal policy against Nicholas, so has the new Czar always advocated the adoption of measures that would further the liberales of his fellow citizens. He has occasionally aided so one lie with the revolutionists as to be suspected of an openly with the revolutionists as to be suspected of an adiliation with their secret someties. The new Emperor affiliation with their secret societies. The new Emperor inherited even his wife from his brother. Maria Sophia Frederika Dagmar, l'rincess of Denmark, was betrethed to Nicholas a few months before his death. With his parents she stood at his deathbed. She promised him that she would become his brother's bride. Her noble character and beauty kindled the flame of love is Alexander's heart. This love, born of and nurtured in grief, has proved strong and true. The new Usar and Princess Dagmar, now Maria Feodorovan, seem to love each other more to-day than when they became husband and wife, four een years ago. The name of the new Emperor is coupled with no scandal He is pointed ont as a model husband and father. He blesses his brother's memory for bequeathing him such a wife. His brother's memory for bequeathing him such a wife. His wife's influence accounts for his anti-German proclivities. Popular spirit in Russia is opposed to Germany. Unce only has be tried to hide his dulitse of Prince Bismarck and of the Prussian court. That was eeven years ago, when the Emjeror William visited St. Petersthe new Czar Las always been a zealous partisan burg. It's new Crarles always been a realous partisan of the national cause, and a decided admirer of Katkoff and other partiets. In the winter of 1807-68 he was Obsirman of the Complitude of Relief for the northern provinces of Russia, then sorely tried by famine. The committee was politically anisgonistic to Walonieff. As chairman he was responsible for the fail of the the late Emperor and his son Since that time there has been no close barmony vetwern them. Rucouraged by its victors, the national party of Moscow recognized the new Class as its leader. He had the converged by the property of Moscow recognized the new Class as its leader. He had the least assessment of the property of the publication a lively correspondence with Ivan Aksakoff, the public-let. All political questions of vital interest were freely discussed. The secret police intercepted some of the liscussed The secret police intercepted some of the etters. Count Schouraloff showed them to the late Emperor. He suspected a conspiracy. The Carrelich was summoned before the Emperor. He declined to give was summoned before the imperor. The declined was summoned and indignantly complained that one of his father's subjects dared to liate the secrecy of his correspondence. He is said to have slapped Schouvaloff's face. He boldly demanded his diameteral. The Count story is to be started in Other with the enterprise is a warrant that it will be a proposed with the enterprise is a warrant that it will be a copiet secores, he a secured the services of a reaction of the other proposed and the enterprise is a warrant that it will be a copiet secores, he a secured the services of a reaction of the other proposed in the control of the states of the states of an atticulated parallelogram. Under the states, and the latest proposed and proposed with the enterprise is a warrant that it will be a control of the states of an atticulated parallelogram. Under the states, and at the form of the states of an atticulated parallelogram. Under the states, and at the form of the states of an atticulated parallelogram. Under the states, and the latest proposed with it as a proposed with the enterprise is a warrant that it will be a control of the states of an atticulated parallelogram. Under the states of the states of an atticulated parallelogram. Under the states of the states of an atticulated parallelogram. Under the states of the states of an atticulated parallelogram. Under the states of the states of an atticulated parallelogram. Under the states of the states of an atticulated parallelogram. Under the states of the states of an atticulated parallelogram. Under the states of the states of an atticulated parallelogram. Under the states of the states of an atticulated parallelogram. Under the states of the states of an atticulated parallelogram. Under the states of the states of an atticulated parallelogram. Under the states of the st The new Czar has grown more independent of Jace. It would be a strange ibing, indeed, if this prince, educated amid the continuitory and wavering tendencies of illustian society, should devilop into a sovereign capable of retisting the intriguesof his courtiers. All the Czarevitchs have been liberal. Alexander II was by far more liberal than his father, but failed to keep his promises. Alexander Alexandrovitch is certainly more liberal mioded than Alexandrovitch is certainly more liberal middle by great reforms, but the Czar will be forest be believed to a policy as well as of a principle, the custodian of a bation a prejudicea, ambitions and hopes, a part of a grand machine which be must work or be crushed beneath its wheels. He evidently cherishes the idea of giving the country a constitution and of sharing shall furnish employment for 3,000 white men, at our current rates for that class of labor, on application, provided they are handy and industrious.

—The number of different kinds of postage stamps which have hitherto been bested all over the world is estimated, in round numbers, at 6,000. Among them are to be found the offigies of tive emperors, eighteen kings, three queens, one grand duke, six princes, one of the stamps hear coat of arms and other emiliena, as of the french Government to papel keys and liars, anchors, eagles, lions, horsees, stars, serpents, railway trains, horsenes, messenes, recorded in July 1st, 1979, M. Jules Ferry, Prime Minister of Postal Telegraphy; if reedom.—N. F. Sun.

\*\*Super is ministed—if the instrument proves successful, crowled at the crossed beneath its wheels. He evideatly cherishes the feath of the Pulkows glass distributed beneath its wheels. He evideatly cherishes the heaving liter of pulkows glass become will a rational body of representatives. It is more attained in telephony which the principle of many which at present is the best of its kind.

—An important step has been attained in telephony by Dr. Cornetius Herz, which the principle of many by Dr. Cornetius Herz, which the principle of many is the cares of government with a national body of representatives. He may be carry out this project, but it is will be almost the cares of government with a national body of representatives. He may be carry out this project, but it is will be almost the cares of government with a national body of represents which the pulkows of its kind.

—An important step has been attained in telephony by Dr. Cornetius Herz, which the principle of many is project, but it is well to successfully should be a men to be done the cares of government with a national body of represents with a national body of represents with a national body of represents with the cares of government withe cares of government withe cares of government withe cares of government withe cares of governments with the cares