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|  |  | SAINT JOHN, N. B., TUESDAY, FEBRUARY 1, 1853. |  |  |  |
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|  <br> Published on Tuesdat, by Donald a. Cameron at his Olfice, corner of Prince William and Church Streets, over the Store of Messrs. Flewhalf in advance. <br> MU'TUAL INSURANCE COMPANY. <br> WHIS Company is prepared to recetve applica tions for Insurance against FIRE upon Buildage and other Property, at the Office of the subveriber. <br> St. John, Nov. 11, 1846. I. WOODWARD. Secretary. | MORRISON \& CO., <br> Prince William-street, <br> Are Recciving per Mai Steamers "Canada" an <br> "America," Ships "Olive,' "Zetland," " $\boldsymbol{K}$ G <br> Hall," scc., scc. <br> AN EXTENSIVE ASSORTMEN T OF GOODS. | SHEFFIELD HOUSE, <br> Market Square, St. John, IN. B. <br> - UST opened, per last two Mail steamers, an <br> Piate Tea and Table Spoons, Fish Slices, Carvers, <br> Dessert Forks, Toast Racks, Hair Bracelets, Jet <br> other Fancy Guods and Novelties, suitable for the | fourtry. | much cost. We shall then no longer commit the folly of wasting our own manares, to replace them, at an enormous cost, by importations of bird's dung from the Pacific." <br> Here we have an instance of a farmer expending more than eighteen dollars on every acre for one single improvement. | The following is a part of the Courier's descrip. ticn of the engine:-- In entering the engine-room of the Ericsson, tho proportions of the various parts of tho machine, compared to the steam engine, at once strike the eye. Instead of two close cylinders of moderate dimensions, we behald placed over the kelsons of the ship four large cylinders open at the top mea- suring one handred and sixty-ight inches [14 feet] |
|  | AN EXTENSIVE ASSORTMEN T of GOODS. <br> HAWLS, Long and Square, in French Filled, <br> Paisley, Printed Cachmere, Wool, \&c. \&c. French MERINOS, in every shade ; EMBROIDERED DRESSES. <br> Printed CACHMERES; <br> Black and coloured Habit CLOTHS, | Dessert Forks, Toast Racks, Har Bracelets, Jet Bracelets, (rich Jewellery in great variety, ) and other Fancy Guods and Novelties, suitable for the season. | morn, to rise again, along the skies, dark that stream appears, ters in the day, cing on their way. glorious sun hath woike, upon the earth, | A Gexerous Gift,-Mrs. Harriet L. Packer, widow of the late Wm. l. Packer, has signifted in dowinent of a Female Academy, to be located on the brow of the Brooklyn Heights. The Trustees of the institutior have in their hands a surplas on 815,000 , which added to Mrs. Packer's donation, sufficient to build and furnish an edifice that will an honor and an ornament to the city. At a late | she ship four large cylinders open at the top. weet f 22,000 square inches area [153 square feet.] Large as these Cylinders might appear, yet they Le two feet less in diameter than Captain Ericeson equired to give the desired speed to the ship. So ngineers to Cylinders of that magnitude, that he as compelled to confine himself to those of the diThis opposition is now happily an- |
| Of Boston. |  | \&c.; Fancy Cornice Poles, Bracelets, and Rings complete, Cash Boxes, Brass Candlesticks, Snuf- fers and Trays, Table and Pocket Cutlery, \&c. $\begin{aligned} & P_{\text {Per " }} \text { Devon," } \\ & \text { D. } \end{aligned}$ | $\begin{aligned} & \text { med } \\ & \text { pia } \\ & \text { ing } \\ & \text { for } \\ & \text { girl } \end{aligned}$ | priate the stock of the present Academy, amounting to $\$ 32,000$, to the establishment of an academy for boys on the same scale as the institution for girls. | ihilated ; the four Cylinders of the Ericsson having been cast in succession, without the slightest ccident or defect; the skiffel manufacturersMessrs. Hogg \& Delamater-now offer to furnish iylinders of any required size, cast, and turned at heir own risk, All practical limits to the exten- |
|  |  |  |  | ers !" but here is quite a new diulect of that description, in the shape of mottos for different fruits | ion of the power, therefore, have vanished; and Caloric Engines may now be constructed of more |
| port,"一will have returied to then all che Profist, instead The advantanges offered by his Company are. Annual Dividends or 50 per cent., phid during the life of the pary |  | sing such an be found elsewhere in this Cily, markably low. | Before youth's eager eye. <br> And thus we vainly pant for all |  | What appeared impossible a year ngo, is now perfectly easy of attainment, and thas the apparent limits of human efforts are extended step by step. |
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|  |  |  | Receives its share of gloom, And we weep while joys and sorrows both Are fading from our view, |  | mospheric air, at each stroke of these pistons, through a series of valves applied through other valves, with receivers placed on the top of these |
| $\begin{gathered} \text { Pub } \\ \text { rate } \end{gathered}$ |  | and Twist, superior black | $\begin{aligned} & \text { Rep } \\ & \text { Rep } \\ & \text { geo } \\ & \text { ged } \\ & \text { keu } \\ & \text { rou } \\ & \text { its } \\ & \text { cor } \end{aligned}$ | Spor or THE SUx, - A writer in the DelawareRepublican calls attention to an unusually large spot on the sun, which may be seen through smo ked or colored glass. The writer adds : by rough measurement of ohe ches-three miles, and consequacntly occupying an area on the eunn's surface of eight hundred unillions of squareequar to four times the supericial contents of our mighty earth. | in, after being expauded by heat, furnishes the notive power of the machine ; and the pecoliar mode of heating it is the life and soul of the in- vention. The four working cylinders are divided |
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|  |  |  |  |  | paddle-shaft, is effected by means of two connecting rods ; one for each pair of engines working at |
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| a |  |  |  | of in | d ing all dispensed with, and the liability to fracture and derangement greatiy duninished, to say noth of the reduced frictions consequent on this |
| of 'Twenty Pounds. <br> VHE Stockholders of this Company are respon- |  |  |  |  | - simple combination. t is iditicuit it desegribe tho |
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|  |  |  |  |  | in full view. Onr sensation on riding up and down on these huge pistons we shall not soon for- |
|  | Cormer of Dock-street and Market <br> IIARDWARE. |  | er of the Panama |  | (e) |
|  |  |  |  |  | ders, the enire madhinery ocecepies any areat |
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|  |  |  |  |  | The engine werkee with perfect regularity from |
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| Losses not exceeding £500, will be settled without referring to the head Office at Liverpool. EDWARD ALLISUN. |  |  | to prove the most difficult part of the negotiation. |  |  |
| ated at st. John . N. B. B. $\}$ |  |  |  |  | Mr. F. said the chief principle involved in the operation of this engine, was that of using the same heat over and over again. This was effec.ted in a very simple way, through the intervention |
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|  |  |  |  | neighbourhood, and was supposed to be ant earthquake.-Liverpuol Timus. |  |
|  |  |  |  | The Caloric Power Engiuc. | valves and cylinder, which is nothing more or less an a mass of 1-16th inch wire, compactly interwoven, the whole containing 24 square feet. |
|  |  |  |  |  | oven, the whole containing 24 square feet. Upon the heated air passes throurgh this, the caoric is absorbed, and the cold air, in returaing, is gain heated nearly enoughty-five tons of air rawn through the meshes of the wire each hour. |
|  |  |  |  | of $a$ most tivorabli result of the experinent but |  |
|  |  |  |  | we have seen, of the principle of which its working power depends, and of the machinery by which | The resistance to its passage is almost impercentible. In its passage through the meshes, the air is instantaneonsly lieated to 400 deg .-as rapid as |
|  |  |  |  |  | instantaneonsly lieated to 400 deg .-as rapid as the electric flash. The wires ere not oxidized by There is a <br> There is a pair of cylinders on cither side of the |
| oks, Stationery, Thread ship ' Royalist', Kerr, Master, from L |  |  |  | Sork Courie of Weinesary gives aparivular dee | procese. <br> There is a pair of cylinders on cither side of the shaft-each composed of two sections- the uppen, called the supply cylinder, which is 137 inches in |
|  |  |  |  |  | called the supply cylinder, which is 137 inches in diameter, and the li. r, or working cylinder, har |
|  |  |  |  | extract the following:- <br> She is 260 feet long on deck; 40 feet beam; <br> $27 \frac{1}{1}$ feet hold and 2,200 tons burthen. She | ng a diameter of 168 iuches, or 14 feet. The at- <br> nospheric air is admitted from above, in what is ermed the recsiver, and circulates between the wo sections through side pipes, in which is the |
|  |  |  |  |  | and below, leaving ont of view the increased rea of the working cylinder, is the same. A pair f these cylinders is placed each side the shaft. The power can be increased by enlarging the diaeter of the cylinder. <br> e square inchelve pounds pressure is used to he square inch, and this cannot be exceeded with |
|  |  |  |  | ten feet buckets. Her timbers are of the best seasoned white oak |  |
|  |  |  |  | the strongest manner. Her prow is very sharp. bearing no derice ; her bottom and lines are sight-Iy curved and on her stern are a figure of the ie. |  |
| dia Rubber Boots and |  | 0.7 Martis's superior unadulterated Cons | terranean iron pipes with hose and jet, worked by steam power,' is completed on 180 acres, It is not necessary here to enter into details ; suffice it | ly curved and on her stern are a figure of the ip. ventor, and two allegorical figures representing the United States and Great Britain, in the act of bind. | , |
|  | A FITTINGS. |  |  | United States and Great Britain, in the act of bind ing a wreath of laurels around his brow. The |  |
|  |  |  |  | whole forming a vessel of large dimensions, of unsurpassed strength, graceful in symmetry, perfec in her proportions and elegant in model. Her | bottom of the cylinder, and cannot burn the cylinder. One of these furnace bottoms will last five |
|  |  |  |  | builders, Messrs. Perine, Patuerson \& Stack, may well be proud of their work. Her equipments, | years, Anthracite is the best fuel, as it makes no flame. The cylinder above the fires is $1 \frac{d}{d}$ inch in |
|  |  |  |  | well be proud of their work. Her equipments, aside from her engines, are worthy or particuia with the exception of the two exhanst and two smoke pipes, rather an ornament than otherwise are all the obstructions on the promenade deck. <br> Then follows a description of the accommoda tions for passengers and for freight, it being adapted to the accommodation of 130 passengers, wit neat state rooms and oher suitible apartmenter and for the stowage of 13 to 1400 tons of freight | rength. Even were it to break, the contents of he cylinder wonld pass off harmlessly.- There is onsequently no expensive steam boiler to be fre- uently reaewed, and no liability to explosion. If uently renewed, and no liability to explosion. If the engineer got asleep, the engine world ouly top. <br> The engine in the E. is of 600 horse power, and not more than seven tons of coal per day can posibly be consumed. In a steamship of the same Mr. Ericeson stated further that this ship was start- |
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VICT 0 RIA IIOUSA,


| Princlsa Staeet <br> M Re mabcolivisox respecifuily enon Monday nexth the thit instant will be opened on Monday next, the 7th instant. Mr. M. will be in attendance at (South side of Princess-street, a few doors Rom, from Germain-street, ) from ten till eleven otach 4. M., and from two till five, p. M., every day during the present week, except Saturday, to answer in- |
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| 1 PR. MATCOHPYSOE respectfully enon Monday next, the fth instant. Mr. M. will be in attendance at his Schoo! Room, (South side of Princess-street, a few doors Wist from Germain-street,) from ten lil eleven o cloch the present week, except Saturday, to aniswer in- |
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$\frac{\text { Feb. } 1 .}{\text { Sewing Threads, Cotton Reels, \&c. }}$





