to Shethentewan, where the ooth, logether with the Artillery to nuehigi eerg, were nwaiting their urival. The two Chmadian Intenlions were left mi Matawin, cheamped one on ancla side of the river. Orders were issined for the departury of the first lirigude of bonts from ban site on the 1 bth, and acemeringly,
 the day mentioned. The first body to start consixtedt of the
 Ciombs Heneage and Alleyne. It is expered that the whole of the force will have hert th
With a view of forwarding the progress of the Expetition as murth as possible, Colomed Wolsengy has nemt hether on to Win-
 of be troups. Mr. Dawson has antherity to expend a portion if the money for hind romb on the Winnipere nection, and dol Wodseleg has wrillen to both Bishops ut Winniper asking for


 and dixtance, will he chnctod, hexithes the avoiblatere of the Wimingeg River, whish in that portion af the present proposid




 "ach:




## THE: STESMER *QレFBEか




 1. r the phasant water jumraty to the duse and discombert of
 fiver between Slontreal and Yaebeery bat moxt, and hardy peremp to this, is the comfort and attention that one invariably merte with on this lime and which make the trip by the
Hieheletu bonts so excedingly phasat, and such a davorite ithall travelleta.
Our thoblle pare illumtration shows the " (puelore" the
 the river. "The "Guelnec" is a compmatively new and rory was luitt in pieces on the Clyde low Mesers Batedue est
 A bembth of 300 feet, and a breadh of Gej feet, she is the largent of the river stemers that ply on the st. lawrence She is in "Whatheck wheelod stamer, with thred docks, two of whith
 ines the "Quetwe" and " Momereal" "he Kiv horling Company wan number of smather stomer that ply hetwen Montrob



## ILFRACOMBE, NOMEH DEVUN

We reprosuce in this issue, from Tasters "Sombern cinest Englam, a view of the town of Altanombe, the morthernmast in Devonshire. It is a popmons semport town, with a
harhur at alf times mecesible. Phe harbur is formed by

 the rocks rise in a semicireahar sweep, and on the fomph they
form a massive brrier, stretehing half-way across the lithe we, and cffectally protecting it from the violence of the morth winds. The emaggy heights which survond the lasing
are spread over with woodland, which mads much to Hucir are spread over with woodland, which adds much to thair
picturesque nppearnace. On the sumait stands a lighthonse. picturesque appearance. On the summit stands a lighthonse. regucat on the rugged shores of the conntay in the neighbourhood of 1 fracombe.

TOULON, THE FRENCH NAVAI, STATION ON : :il: MEDITERRANEAS.
Toulon is, after Ifrent, the mort important maral station of France. Il is well adnpted in criery way for a largo port, the Meditermaem, and enclosed on three sides by a line of lofty hills. A narrow neck rans across the end of this lany, thas sheltering it from the squalls of the Meditermnenn. The town, and tho peninsula which forms the thay, are both strongly fortified, making successful attack by sem nimost imporsificationg The port is enclosed by a donble line of hastioned portant haights. The bay forms a romdsticad and harbout with anchormse for the largest fleet. The port is separated from the roadstead by moles, whieh ure hollow and bombproof, and lined ly batteries a flear deare, it consists of two divisions-the Port Marchand, on the cast, nyproprinted to merchant vessels; and the lort Militaire, on the west, where are immense magazines and arsemals, ship-building docks,
rope and kail works, and the bagne, or eonvict prison. foulon anal possiesses a sohtool of bydrography, a medical-tinval school, entrance of the arsemat hegen in 1 seo ly Fabma. Thi catrance of the harbour is commanded by two strong thwers, connected by case batteries with Fort Lammique on
the one side and Fort Lidguidete on the other. Surromaled

Uas on every nide ly strong forts ind outworks, nod possecs-
ing such a convenitut harbour, Toulon is considered the ntrongest maval post on the Mediterranean, exerpting, of whre, Gibmitar, the key to the whole sea.
The history of Toulon has been an eventfal one, as the port has a ways been a strong position in the hands of the french
 in 15:3; by Charles V. But the mont memornhle event con Rogaliste hadsurrembered it, were fured to retire after a siece in which bonaparte cave the first evidences of his military genins, and the Remblicans gave up the town to pillage, and its inlmbitante to massatre
 HALITIC
With the fibest harhour in the Rattic, and one of the finest in whe whole word, kiel was a valuable acguisition to prus -matelod from beamark. Prussin, in her growing ereatuess ripuired a harbour upen the laltic, and when she entered goon the baninh war she no doubt had an eve to the immens edvantage that would be gained, should such a valuable sea fret as kied he mulled to ber pessessions. She now has two harge and importatht arsemals on her coast, Wilhelmalhaten on The German Ocean and kiel on the Baltic, of which the latter pret is destined to become the great naval-station of the North The town of ration.
The town of אite is situnted on a fine hay of the baltic, sa
 on thraresides by lofis bicturesine hills, which shiche it fred the beistemons winds of the Batho. The dipth of the wate midu. is la foct With suld matual whantares of the wat no womber that lrassia rhould have looked upon kiel with a cowtomsere, as husia had done before her. Ruskia, howerer went to work in a more legitimate way to ohtain the coveted
 alat he the former to Hussian of part or the whole of the har hour of Kid, which wond have prowed aconvenient and inpertant station for the Kussinn Baltice fleet. Denmark was not mdispoed th part with hor schleswig possession and thareby
htain the gow will of hasia and by the aid of her powerful htervention to sotue in her own fay the ate of her powern wi the Ethe prowinecs. Happily, howerer, for l'russia at least hir Prabkiont couventiondectared ahmost ummimously against such chece proximity to the heart of German trade and commerce nen the coast.
Since bidf these relations have been entirely changed. The
Elbe prosimes remained in the possession of prusia. Elte provinees remmined in the possession of Prussia; and port as as station for her ballic flect. The importance of Kide Fak as fully molerstood at Berlin, as it had already been in what difieront to those alroady made lyy mussin, became the pusaysor of the dublies of Schleswig and Hulstem, and with hem withe muth coveted town and hatwor of Kiel. Since will maker bing have leen commenced which, when funs lunary and Cronstadi. The fortibications which atreaty criew-have bentenlarged and otherwise improved, and several

 way Kielishestined to phay a grat part in the naval history of Prissia, and will orqug no unimportant position in the war which has just broken out
FMUGBANTS ON THE FOHECASTRE-A SCENE ON H M. S. "TAMAL

Anyone who has rossed the Allatie onamonemn stemanip arrsing enigrante must have been amused ats well as cdifiod
by the fifterent studies of chamer to be fomd among the cocupamts of the stevrate: and many a weary hour has he dombless whiled away in watching the on occupied with the

 athte, which we reprodace on the first pase of the present chatc, which we reprodace on he hret page of the present
number. The eompany to which we are introntuced in his skebh is mot what can be called select, hat, notwithatamdine It is rery cheerfal plensant company, and the members of it are bent upon making the best of a bad matter, and enjoying themselves to their atmost. In the centre is a fanity groupgrandmother, mother, amd sister, who, with hasiomd and
irother, have formed a lithe circle by themselves and are talking over recolitetions of the past, and anticipations of the suture that nwats them in the new country they are soon to call their own. One member of the parte, probably the sister of the young mother in the centre, is evidenty got up with an concersation hut devotes hersid to a flirtation with g couph of shagey anilors, who are probably regaling her with tremendous stories respecting the country for which they are bound In front a shoeless individual is taking his forty winks, and on the right-hand side a group of three are intently examining "farourite pige. Sitting with his lack ngainst the mast is an individual that reminds ane immediately of Anartin Chuzzle wit. The same shably-gented get-up nind the same hopeles look of misery that chameterize that pinee of selfish men are visible here. At his side is a prig from the chief-cabin, who has come to air himself and his nirs upon the forecistle and
to "swell it" amone the humbler emigrants. All over the deck to "swell it among the mamblormigmon. Ah ore the deck are scattered groups of men and women, smoking, working rid of the time that humes so henvily upon their hands. On every emipront ship the seene is inovitably the same; the same matrons with labies, the same flirting lassies, the same hulking youmg fellows with a searcity of rament-these, with nsprinkling of well-to-do emigrants, generally constitute the chases who are to le found on the foremstles of ocem-steme ships bound for the west.
Cmocolate Bhane Mange.-A pmater of a pound of swee Ghocolate, two ounces of gehatin, one quart of milk, one ten cupful of sugar enady. lut it all into ajug, set it in a sanceit into hle month.

SYOMSSH OF THE AMENDED UNTTED STATES PATENT LAW
The Scienfifie Amerien" says:-We have now hefore us a opy of the law, to revise, consolidate, and amend the statutes clating to patents, recently enacted by Congress. It contains na radical changes, but simply corlifies thio old system, and reduces it into more compact shape. We do not consider it
necessary to reprint the entire text of the bill, hat will present a summary of its chief fatures.
The offeers provided are a
dissioner thro Cuminera Commissioner, Assistant Con-in-chicf of interferencer, twenty-twn principal Exuminers wenty-two Assistant Examincrs, Librarian, Machinist, five clerke, class 4 ; six clerks, class 3; fifty clerks, class 2 ; fortsive clerks, class 1: and purchasing clerk.
or necording to necessity
The cinims and mit. the report The anmal patents.
The three Examiners-in-chief renuired to tre persons of com metent leral knowledge and soientificability
No other persons connected with the Patent Oftice required Hare such qualifications.
Holets to be furnished when required by the Commis-
The printing of the patents and drawings is andoriged, reditable to the adyanced state of American art and inention.
All persons may take patents providel the invention has not en in public use tor more than two vears.
No discrimination is made agnint
Do discrmination is made against camstians. The lans equiring foreigners to put their inventions on sale within Assienments vou ns amin
recorled within three months from dat
All cases can be appealed from the
In cases where a patent is refused by the District Court, an Disclaimers may may be taken
Disclaimers may be filed.
Desigus may be taken by all persons-no diseriminations. This will enable foreign manufacturers w protect themselves quanst haring their designs cophed, which has !nitherto been
quite extensively practised in this comutry, especially in the production of textile goods.
Trademntes may also be
S25 for therty withe protected by tims or individuals S25 for thirty yars, with right of renewal.
lav. They are simple and on the whole commendible

## SIZE OF OER GREAT J.AKES

The latest meanmement of our fresh water scas are these The frcatest length of Lake suprior is 33 J miles; it GU7 Eeet : area, 42,000 sthare miles. The ereatest length of Lake Michigan is 300 miles; it createst breadth is 108 miles; mean depth, gho fet : cocration 307 fee ; area, 93, mod anuare miles.
breau gratest heneth of Lake Huren is $2 m$ mikes its greates feet: area, 20,000 square miler
The greatest length of Lake Eric is 200 miles; its arcates licadth is so miles: its mean depth, 8.4 feet: clevation, 50 The ara, 6 , noo square miles.
readti is 95 milu ita 180 miles ; its greates breadth is 95 miles; its mean depth, siof feet ; arca, 6,00 quare miles

The Duke and Duchess who live at liventham in Dismeli: novel, and whose seron daughters are all married but onse, Duchess of Abereorn. The Duchess is a sister of Eanl Russell and has married her sis daughters, half to Whig Peers and hati to Tories. 1 Her ummarried danghter is said to have been loved by the Marquis of Bute; of the others, the eldest is marricd to the Earl of Lichfeld, a second to the Larl of Durham, a third to the Buke of Bucelench, a fourth to the Earl of Mount Edgcumbe a fifh to the Marquis of Blawdiond, cluest
son of the Duke of Marlhoroueh, and a sixth to the Mamuis of son of the D

Gencmal ONeil, late Fenian genembisimo in the raid upon Camada, has written a pathesie letter from his dungeon at
Jurlington, complaning of his utier dustituion. He says he burlington, complaning of his uter destitution. He says le has not got "a dollar to fee a lawyer
paper, stationery, or postage stamps.

Iemperature in the shade, and Barometer indiations for the week ending Tuesiay, July 2 ? 1870 , observed by John Uudcriall, Optician to the Medical Faculty of McGili liniversity, 299 Notre Dame Strect.

|  |  | $9 \mathrm{~A} . \mathrm{M}$. | $1 \mathrm{P} . \mathrm{M}$. | 6 P ¢. |
| :---: | :---: | :---: | :---: | :---: |
| We'nsday, | July $\because 0$ | s10 | 850 | sio |
| Thursday, | " | iio | 8.10 | s0\% |
| Eriday, | $\because 2$ | 7i | 86: | $\because 20$ |
| Saturday, | " 23 | 740 | Nit | 300 |
| Sunday, | "94 | s: | 930 | 76 |
| Mondry, | " 25 | 500 | 870 | 780 |
| Tuesday, | " 6 | iso | St ${ }^{\circ}$ | $50{ }^{\circ}$ |
|  |  | Max. | Mn. | Mean. |
| We'nsday, | July 20. | sio | 640 | 7505 |
| Thursday, | " 21 | $80^{\circ}$ | 700 | 780 |
| Eriday, | " 22 | $89^{\circ}$ | $61^{\circ}$ | 750 |
| Snturday, | " 23 | sso | $60^{\circ}$ | is |
| Sunday, | " 24 | 960 | $66^{\circ}$ | S105 |
| Mondny, | " 25 | 800 | 700 | 790 |
| Tuesday, | $\because$ | sso | 620 | iso |
| Aneroid Baromet.i, compeussted and corrected. |  |  |  |  |
|  |  | 9 А. м. | 1 P. M. | 6 P .4. |
| We'nsday, | July 20. | $30.1-1$ | 30.10 | 30.0 .4 |
| Thursday, | " 21. | 30.02 | 30.08 | 30.15 |
| Eriday, | ".22. | 30.24 | 30.24 | 30.05 |
| Salū̃day, | " 23. | 30.12 | 30.12 | 30.08 |
| Sumday, | : 24. | 30.05 | 29.95 | 29.98 |
| Monday, | "25. | 30.12 | 30.10 | 30.10 |
| Tuestay, | 120. | 30.1\% | 30.05 | 30.00 |

