nswick. NCY STORE.

t has received part CK of British Goods, ich are, ch are, vn, and invisible grad. , Beaver, Flushing Cas-s, Sainetts, and Home-Merines, and Sanon-Flannels of all colours, id while Courons, Cali-genergi assortmont of boods, and Gaocrates, all of which will be i for CASH. JOHN IR WIN, 30th, ISO-34-tf 2911, 1840-34-11 RMEN. R has just received nect from the Manu which he offere los ash -2 1-2, 2 5.8, 93.4, dech. 12, 15, 5 18 throad

Slips, Twine,

to the Market, a full ed annually, and at OIIN WILSON. ust 11. 1840:132 Stoves. gnmient. assorted,

from 20 to 32 inch. ES W. STREET.

PARTURE OF 1.8. from 12 8. 13. George, by Coach--Mondays, Wednes-5 p. m h-Tuesdays, Thurs-1s fur

10 a. m. George, by Coach-s, & Fridays at 7 a.m Tuesdays, Thursdays,

ich-Mondays, Wedit 10 a. m.

STANDARD. IT TRIDAY, BY Smith. Saint Andrewsy. NSWICK.

in town or called for arded by mail until arrears are paid L.M.E.K.T.S. ten orders, or codumned itten directions and under, 2s 12 lines 3d per inr. 13 lides 1d per lind. as any he spreed on.

duals who have no se-ble paid for in advance struck off at the shortest Mrs. S. Connich Mr. W. Campbell James Albee Es.

ERICSSON'S PROPELLER COMPARED WITH SMITH'S SCREW An Archimedean screw, properly speaking

Faume 7.

is a single thread winding spirally around a shaft as a centre, and terminating at any desi-red angle at its circumference. It has been familiarly described as-resembling a patent corkscrew. Used as a propeller, an inclina-tion for the four loaded coal bar familiarly described as-resembling a patent corkscrew. Used as a propeller, an inclina-tion of forty-five degrees, with its axis, must be the best, as one revolution will then give the same progressive as it does lateral motion —that is to say, 3 1-7th times its diameter.— Constructed with the *thread* terminating at this angle, (being 5 ft. 9 in. in diam ter.) its length should be 18 feet : such a screw, how ever, applied to the *dead monot* of a ship would be incovarient, hence the necessity of redu-cing it. The angle of the thread must, of course, be *reduced* in proportion, and the speed of the propeller *increased*, 8 feet is the length of the Archimedean screw a, with one turn of the thread; but the two threaded screw b is the one now in use (even 8 feet be-

the same progressive motion, say S feet for each revolation (c, is an end view.) The speed of her engine, on the first day of trial here, was 27 revolutions in a minute, which, multiplied by the accelerated motion given by a series of cog wheels, 5.1.3, will give 144 s, the progressive motion of each revolutions, fight the series. I day multiplied by S, the progressive motion of each revolutions, and 9-100ths in the hour. Her speed, on this occasion, was secer-

Her speed, on this occasion, was ascer-

Her speed, on this occasion, was ascer-tained to be 9 knots (by log.) 10 miles, 1 "It is a fact requiring no demonstration, understand, is claimed. Let it be granted, although she never performed it on that day, what has become of the 3 and 1-10th miles

No. 1. Neptune, 15 feet beam, 4 feet 6 in-hes draught. 2. Joseph, 15 feet 7 inches beam, 4 ches draught

feet 6 inches draught. 3. Ugis, 13 feet, 4 inches beam, 4 commercial point of view, is of immense im-portance. We understand, a company is a

4. Mary, 15 feet 12 inches beam, 4 bout being formed, to apply the propeller to a ship of 1000 tons burthen, to be employed in transatlantic navigation; and, as her sail-

turn of the thread; but the two threaded tween the properties and the body hoved be-screw b is the one now in use (even 8 feet be-ing rather inconvenient to be exposed to the surge of aship in a heavy sea.) The screw b, having two half turns of the thread at the same angle with the one turn of a, will have the same progressive motion, say 8 feet for the results of which we shall take great plea-ter in the best con-structed boats, running high, is allowed; both in theory and practice, to be 33 1-3. Further experiments with goubtless, be made, the results of which we shall take great plea-ter in the best con-structed boats, running high, is allowed; both in theory and practice, to be 33 1-3.

tion. Ericsson's Steam Propeller.

for this purpose. Among those present were Major-General Sir John Burgoine, Chairman of the Board of Public Works, and Commis sioner for Steam Navigation, &c. in Ireland Majer Robe, of the Royal Engineers; Mr

FRONTIER

James Perry, of Dublin, lately concerned in canal navigation; Messrs. Vignolles, Delafield, Reid, Napier, and Thomas; several distinguished Swedish naval officers; Capt. Stock-ton, of the United-States Navy; Mr. Ogden, usul of the United States at Liverpool Mr. Young, an American civil engineer, &c Some thirty gentlemen were present, and the result of the trial gave universal satisfac-

the Standard,

SAINT ANDREWS, NEW BRUNSWICK, THURSDAY MORNING, DECEMBER 31, 1840.

One of our correspondents having before tinded to be 9 knots (by log.) 10° miles, 1 understand, is claimed. Let if the granted, attough s'he never performed it on that day, what has become of the 3 and 1-10th miles that admost neal unable advantages would be attough s'he never performed it on that day, what has become of the 3 and 1-10th miles that admost neal unable advantages would be the retarded, and not to waste the steam pow-addewheel were of such a nature as not to be retarded, and not to waste the steam pow-revery particle of vater, impinged by the for-sis, is in using that cheap auxiliary the be dired padle-wheels, arising for sis, is nusing that cheap auxiliary the wind. It is admitted, that the loss of power for the event on the constructed padle-wheels, arising forence and 8 fect at the asis, the mean would be 16 1-2 feet. In, the present adaption of the two inc-shift. It is also a fact readily ad-will be S1-4. During this contact, a revolv-ing motion must be given to the water, there-will be S1-4. During this contact, a revolv-ing motion must be given to the water, there-will be S1-4. During this contact, a revolv-ing motion must be given to the water, there-will be S1-4. During this contact, a revolv-ing motion must be given to the water, there-will be S1-4. During the contact and dry and the matarity of her frame in the one-third. It is also a fact readily ad-mitted, on considering the defects alluded to hard mode of applying the power is su-pose out ry all the: " Well Add the contact area out be given to the water, there-will be S1-4. During this contact, a revolv-ing motion must be given to the water, there-ing motion must be given to the water, there-mag scond, the power applied at the center and by decreasing is effect as a resisting medium. Second, the power applied at the center and that no material improvement can be effected as a resisting medium. Second, the power applied at the centre and be of applying the power is superseded by some propelling apparatus capable of inspirate dated by some propelling apparatus capable of inspirate as well as when partially immer-efficient: the angle of the thread with the axis berry in-than gring a second, it will have hitle other Affect. The inventor demon-strated, it will have hitle other Affect. The inventor demon-be of acting with full efficacy when wholly under water as well as when partially immer-sed; in other words, a propeller whita, subjected of the screw must cause great friction, its speed being 144 rerolutions. Its circumfer-of attered friction of which must be net of such der an endineer of such as onsisting of two wheels inter the lateral friction of which must be net of small liem in retardation. Ericsson's propeller (fig. d side view, eend ismall item in retardation.Ericsson's propeller (ig. d side view, e end
ing dimensions, as a section of a six-threaded
ing dimensions, as a section of a six-threaded
screw. The threads, instead of starting from
the centre, are attached to a hollow, cylinder
or hoop of wrought iron, which is firally se-
curred to the axis by three radiating arms. To
this cylinder of hoop six planes are strongly
rivitted on the outer surface, and (three of
smaller dimensions, are mailer dimensions, are strongly
rivitted on the outer surface, and (three of
smaller dimensions on the inneer, between the
radiating arms. They are all placed at such
an angle as will give, with 6 feet diameter, 16briefly described as consisting of two wheels
a series of spiral
a series of spiral
spiral arms to the centre
or hoop of wrought iron, which is firally se-
curred to the axis by three radiating arms. To
the stern of the vessel, and revolving to oppo-
site directions, each series of plates being
spiane are stronglyand more compact than ordinary marine en
gines, in consequence of the power being applied directly to the shaft which works very
is the better of the vessel, and revolving to oppo-
site directions, each series of plates being so
placed on the cylinders.*briefly described as consisting of two wheels
a series of spiral
plates rivetted to narrow cylinders of the outer surface, and (three of
smaller dimensions on the inneer, between the
radiating arms. They are all placed at such
area swill give, with 6 feet diameter, 16briefly described as consisting of two wheels
a series of spiral
plates riveted to narrow cylinders of the outer surface, and (three of
series of the spiral series of plates being so
placed on the cylinders.*and more compact than ordinary marine en
gines cance of the power being approximation of antiraciant<b

Ditto, running light, tess These are not matters of opinion ;, they are lemonstrated facts.

GAZETT

POETRY. From the Limerick Chronicle. THE SONG OF THE RIVER.

DEDICATED BY PERMISSION OF THE VERY REV. THEOBALD MATTHEW,

I spring from the rocks, from the mountain Sparkling pure and, bright;

And I gather strength, as I rapidly glide From my birth-place into light

Richness I beat to land and tree, Beauty to hill and dale; Beast and bird delight in me, Drink and are strong and hale.

Fresh are the flowers that deck my banks, The sod is greenest there; And the warbling wing'd one's sing their

thanks, As they drink of me ev'ry where.

The traveller on burning sands, The wanderer on the sea. Gasping for water, clasp their hands, .

And wildly pray for m

I am the only drink was given To man when pure and free; Return then to the streams of Heaven,

the Archbishop of Canterbury, the Bishop of London, the Lord Chancellor, Lord Mel-bourne, Lord Palmerston, Lord Errol, Lord Albemarle, Lord John Russel, and other Pri-Albemarie, Lord John Russel, and other Pre-vy Councillors, whose constitutional daty it was to be present at the throne. A messen-ger was also despatched to his Royal High-uess the Duke of Sussex. Her Majesty's au-gust parent was early at the Palace; and in the course of the morphing was followed by the the course of the morning was followed by the Archbishop of Canterbury, the Bishop of London, and the other nobleme have mentioned. His Royal Highness the Duke of Sussex, it is stated, was un-able to attend from Indisposition. The Earl able to attend from Indisposition. The East of Albernarie having to come from the stud-house at Hampton court did not arrive till late in the day, but previous to the birth of the infant, which the medical attendants announced was in favorable progress: In her Majesty's chamber were the Duchess of Kent Prince Albert, and the medical men, with Mrs. Lily and some of the ladies of the bedchamber; while, in an adjoining apartment, the door of which was open, were the other distinguished individuals mentioned. As the day advanced the Palace was kept in perfect quietness, while all noise from without, from quietness, while all noise from without, from the passing of bands or otherwise, was inter-dicted. From those who had the best means of information, we learn that her Majesty evinced a firmness and composure almost in-credible, —at intervals exhibiting a cheerfulness and patient submission to her sufferings in all respects consistent with the well-known attributes of her character. The interesting Return then to the streams of Heaven, You're safe when you drink of me. A New Drink.—" Mr Guzzlefanction, I have discovered a new drink for you. Sup-pose you try a little."

Number 52.

Janus Albee Las Trist. Moore East Jas. Drewn East Mr. J. Geddury, Mr. David Turner, Mr. Wo., Brand, Mr. D., Gilnour, Joshos Engle East Joshus Knight Esq. Wilford Fisher Esq. D. M.Millan Esq. W. J. Layton Esq. Bir. Henry S. Beek, Jas, Cale Esq. ICE. D egs leave to inform his e Public, that he has

Iand, _____ ment of Groceries nd II I N G ; besides a large quantity RYEFLOUR t quality bod Supply of D M E A L; Hand, the Choicest UORS, for Sale on the most

S H GLES,

LLIAM JOHNSON. 6, 1840-11

EARING APPAREL

Ship CLARENCE, via John. IGNMENT.

rn's Fashionable Reasy, NG, consisting of, sa aid Frock Coats, imbroon and elastic rit

quilting Vests, &c. J. W. STREET.

LOCK. ALS superior Drier Leland LOCK, for sale by E. & J. WILSON.

radiating arms. They are all placed at such great awing in time and expenditure enaue; an angle as will give, with 6 feet diameter, 16 we, therefore, anticipate important changes feet progressive motion for each revolution. The dimensions would be 6 feet in diameter, and but 20 inches in length; its application to a ship or steamer, already built, would, therefore, be extremely simple.

EUROPEAN NEWS.

From the Brighton Guardian Nov. 25. success of his propeller in all the varieties of

BIRTH OF A PRINCESS ROYAL

<text><text><text><text><text><text><text><text><text><text>

Buckingham Palace, Nov. 21, 1849. b the 'The Queen was safely delivered of a Prin-, and cess this afternoon at ten infunctes before two The o'clock. Her Majesty and the Royal Infant

f entrance of the Palace :-

(Signed.) "JAMES CLARKE, M. D. " CHARLES LOCOCR, M. D. " ROBERT FERGUSON. "R. BLAGDEN.

At four o'clock the Privy Council assem-bled at Whitehall, and was attended by his Royal Highness Prince Albert. The usual constitutional. forms were observed, and, under the provisions of the act of last session, hie Royal Highness Prince Albert css med his

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