

[From the London Times, November 20.]

Second Attempt to Launch the Great Eastern.

Yesterday a second, and for the present, we regret to say, an unsuccessful attempt was made to move this great vessel further down the launching ways. It was not an attempt to launch her, as there is not now a sufficient amount of water to float her off the bottom of the ways, but it was an effort to move her about 40 feet lower down than the position which she at present occupies, and in this, as we have said, the attempt was a failure. The immediate cause which led to this ill-success may be stated in a very few words, namely, that the abutments of piles against which the bases of the hydraulic rams rested yielded under the pressure which was exerted between the ship's cradle, and gave way to a great extent, and at last in some places broke entirely.

The mooring chain, belonging either to the Government or the city corporation, holding the sheave, through which, by a fourfold purchase on land, the stem of the vessel was hauled to the river, also gave way, and this mishap, taken in connection with the other, led to all further attempts being postponed for at least some days, and perhaps, for a longer period. These were the immediate causes, but in order to understand completely the circumstances which induced them it is necessary to refer to the time of the first attempt, on the 21 of this month.

The Great Eastern slid down some five or six feet when she was instantly checked, though not till the mishap at the windlass occurred, which made all the workmen in the yard so timid as to unfit them for the execution of orders which required an unusual amount of nerve and coolness. Within an hour afterwards the attempt was given up, and it was then determined that at all hazards the public should be kept in total ignorance of when the next effort should be made. Hence the strict secrecy with which all the subsequent operations have been conducted, and which was so well maintained that even up to yesterday morning not half-a-dozen persons were aware of what was to be done. From prudential motives with regard to the men, and, also, that above all other places no note of preparation should be given on the river, the purchases worked from the barges which were to haul the vessel in that direction were allowed to be worked from the shore.

In order to do this double sheaves were secured to the government and city moorings, near the dockyard, on the other side of the river, through which the chains from the ship were passed and brought back under her keel and up the yard, where they were hauled upon with a fourfold purchase by powerful crabs, each worked by twenty-four men. Four of these purchases have thus been fitted, and their united exertions, it was estimated, would apply a strain upon the midships of the vessel towards the river equal to 250 tons. Small stationary engines in place of the crabs worked the same description of tackle at the stem and stern, but with these the necessary, a strain of 100 tons or more. At the same time the launching ways have been strengthened by the addition of several lengths of the bridge-rails inserted between those already down at regular intervals, and additional and more powerful hydraulic rams were brought to bear on the ship's cradles, to push her with force enough to start her down the ways.

These were the changes which the experience of the first attempt showed would be advisable in future efforts. Six hydraulic rams were yesterday fixed against the side—namely, two seven-inch ones at the aftermost part of each cradle, and a ten inch one at each forward part. The base of each of these rams rested against a regular series of strong piles driven deep into the ground and this fulcrum appeared strong enough; but, of course, they could only be tested by the actual pressure of the rams, and that could not possibly be applied until all was ready to launch the vessel.

The last preparations were complete at about noon yesterday. Up to that time, so carefully had the secret been kept, that even in the immediate neighborhood of the yard the intended effort was unknown. A collier brig which was ashore on one of the launching ways tended to lull whatever suspicions might have been entertained, and which the appearance of gangs of workmen greasing down the launching metals was certainly calculated to excite. In the yard, with the exception of those actually concerned in the launch, there were not more than twenty or thirty gentlemen present, and nearly all of these were engineers or shipbuilders. The great advantage of this arrangement over the very mixed crowd which filled the yard on the last occasion, was so apparent that there is now no fear of the rule of strict privacy ever being again departed from.

As the men commenced their efforts, the anxiety and expectations of all in the yard, even down to the navvies at the crabs, seemed wrought to the highest pitch; not a word was spoken, and not a person moved. All seemed absorbed in watching the tremendous experiment going forward, so that literally for a few minutes the suspense was almost painful. The gangs at the pumps worked with a will, but the handles went down more slowly, and the pressure was evidently becoming felt. A few minutes more, and the sharp, loud reports of beams of timber yielding and straining under tremendous pressure became more and more frequent. Every one imagined that the vessel herself was yielding; but this was mere fancy, as, after a few moments, it became evident to all near the rams that it was the piling against which they rested that was giving. Nevertheless, the strain was kept on, increasing with every stroke of the lever, and the huge beams, cross beams and supporters, groaned, and strained, and bent, moving visibly about like a huge piece of wickerwork.

All this while the foremost cradle never showed a sign of yielding, or moved even to a hair's breadth. At last the supporters of the rams gave way so much that it became necessary to assist them by hauling in the tackle which pulled the vessel towards the river, but even these gave so little relief that at last one of the centre piles broke, and some others 'sprung' so badly that it became imperatively necessary to abandon the attempt. Almost at the same moment one of the large 3-inch mooring chains, securing the double sheaves which hauled upon the stem of the vessel, parted somewhere or other in the river, so that even had the piling been capable of immediate repair and strengthening, the latter accident alone was sufficient to put a stop to further efforts.

Hardly had the orders been received to discontinue the attempt when the men were all at full work again to repair the causes which had led to the failure. Gangs of 100 'navvies' or so carried down huge pile-driving machines, which in an hour were erected and at work, driving in fresh piles behind those which had yielded. These men will work night and day if necessary, so that in a few days at most all will be ready again for another effort. The support for the rams will now be made of immense strength, not only by a great addition of new piles, but by the whole mass being bolted together with iron tie-rods, and again secured in the same manner to the launching ways themselves. Thus strengthened, it will become quite a mechanical impossibility that they should yield under any pressure which the dead weight and friction of the whole vessel can offer.

When we say that repairing the mooring chain, and having that gear ready, is in Captain Harrison's department, we have said quite enough to vouch for the certainty of that not being found wanting on the next occasion, when we sincerely hope we shall have to announce that the Great Eastern is at last at the water's edge.

WHY EPIDEMICS RAGE AT NIGHT.—It was in one night that four thousand persons perished of the plague in London. It was by night that the army of Sennacherib was destroyed. Both in England and on the continent, a large proportion of cholera cases, in its several forms, have been observed to have occurred between one and two o'clock in the morning. The danger of exposure to the night air has been a theme of physicians from time immemorial; but it is remarkable that they have never yet called in the aid of chemistry to account for the fact.

It is at night that the stratum of air nearest the ground must always be the most charged with the particles of animalized matter given out from the skin, and deleterious gases, such as carbonic acid gas the product of respiration, and sulphuretted hydrogen, the product of the sewers.

In the day gases and various substances of all kinds rise in the air by the rarefaction of the heat. At night, when this rarefaction leaves, they fall by an increase of gravity, if imperfectly mixed with the atmosphere, while the gases evolved during the night, instead of ascending, remain at nearly the same level.

It is known that carbonic acid gas, at a low temperature partakes so nearly of the nature of a fluid, that it may be poured out of one vessel into another. It rises at the temperature at which it is exhaled from the lungs, but its tendency is towards the floor, or the bed of the sleeper, in cold and unventilated rooms.

At Hamburg, the alarm of cholera at night in some parts of the city, was so great that many refused to go to bed, lest they should be attacked unawares in their sleep. Sitting up, they probably kept their stoves or open fires burning for the sake of warmth, and that warmth giving the expansion to any deleterious gases present, which would best promote their escape, and promote their dilution in the atmosphere, the means of safety were then unconsciously assured.

At Sierra Leone the natives have a practise in the sickly season of keeping fires constantly burning in their huts at nights, assigning that the fires keep away the evil spirits, to which in their ignorance they attributed fever and ague. Latterly, Europeans have begun to adopt the same practice, and those who have tried it assert that they have now entire immunity from the tropical fevers to which they were formerly subjected.

In the epidemics of the middle ages, fires used to be lighted in the streets for the purification of the air, and in the plague of London, in 1665, fires in the streets were at one time kept burning incessantly, till extinguished by a violent storm of rain. Latterly trains of gunpowder have been fired, and cannon discharged for the same object, but it is obvious that these measures, although sound in principle, must necessarily, though out of doors, be on too small a scale, as measured against an ocean of atmospheric air, to produce any sensible effect.

Within doors, however, the case is different. It is quite possible to heat a room sufficiently to produce a rarefaction and consequent dilution of any malignant gases it may contain, and it is of course the air of the room, and that alone, at night, which comes in contact with the lungs of the person sleeping.—[Westminster Review.]

The first daily newspaper printed in Virginia was in 1780, and the subscription price was \$50 per annum. The daily paper of that date was not so large as a sheet of common foolscap; and a dozen of them contained about as much reading matter as one finds in a two cent daily of our day.

CASH!!! CASH!!!

I WILL pay for Butter and Buckskins. I have for sale letter paper, buckskin gloves, moccasins, wooden bowls, stirrups, saleratus, rhubarb, sole leather, &c., &c. WANTED bottles of all sizes, saleratus, pork, wheat, oats, beef, lard, corn, &c., &c. **BUYS AND SELLS.** H. L. SOUTHWORTH, South Temple street, half block west of the Tabernale, sign of the Elephant. 60-1

THE DESERET NEWS.**WEEKLY:**

PRINTED ON WEDNESDAY.....DELIVERED ON THURSDAY.

TERMS---\$6 PER ANNUM.**OFFICE----P. O. BUILDING.**

TO ADVERTISERS.—Advertisements to insure insertion in the current number must be handed in on Monday.

LIST OF AGENTS:**G. S. L. County.**

| | | |
|-------------------|---|----------------------|
| A. O. Smoot | - | Kanyon Creek Ward. |
| Reuben Miller | - | Mill Creek do |
| Archibald Gardner | - | do do |
| Milo Andrus | - | Big Cottonwood Ward. |
| Andrew Cahoon | - | South Cottonwood " |
| Joseph Hammond | - | do do |
| Isaac Ferguson | - | do do |
| Silas Richards | - | Union. |
| J. Guernsey Brow | - | Draper. |
| Samuel Benilton | - | West Jordan. |
| Daniel R. Allen | - | Jordan Mills. |
| McGee Harris | - | Fort Herriman. |

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| | | |
|-------------|---|--------------|
| Allen Weeks | - | Cedar Valley |
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| D. Evans | - | Lehi City. |
| Leonard E. Harrington | - | Lake City. |
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| W. G. Sterrett | - | Pleasant Grove. |
| D. Carter | - | Provo. |
| A. Johnson | - | Springville. |
| J. L. Butler | - | Spanish Fork. |
| C. B. Hancock | - | Payson. |
| James Holman | - | Santaquin. |

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| T. B. Foote | - | Salt Creek. |
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| Geo. Peacock | - | Manti. |
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| S. P. Hoyt | - | Filmore. |
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| P. T. Farnsworth | - | Beaver Creek. |
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| T. Lewis | - | Parowan. |
| I. C. Haight | - | Cedar City. |

Washington County.

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| J. D. Lee | - | Fort Harmony |
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Tooele County.

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| J. W. Cooley | - | Grantsville. |
| Hezekiah Mitchell | - | B. T. City. |
| Lysander Gee | - | Tooele City. |

Davis County.

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| John Stoker | - | Stoker. |
| Wm. R. Smith | - | Centerville. |
| James Lethhead | - | Farmington. |
| Samuel Henderson | - | Kaysville. |

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| O. W. West | - | Ogden. |
| Thomas Dunn | - | North Ogden. |

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| Salmon Warner | - | Nor. Willow Creek. |
| Samuel Smith | - | Brigham's City. |

Cache County.

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| Peter Maughn | - | Cache Valley. |
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Malad County.

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| James Frodsham | - | Fort Malad. |
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| Geo. Q. Cannon | - | San Francisco. |

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| H. S. Eldredge | - | St. Louis. |
| Mormon Office | - | New York City. |

For the British Isles, Europe, Asia, Africa and Australia.

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| Millennial Star Office | - | Liverpool. |
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ADVERTISING.

(Ten Lines, or less, constitute One Square.)

REGULAR ADVERTISEMENTS:

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| One Quarter Column, (three squares or less) for each insertion | 1.50 |
| Half Column, (seven squares or less) each line | 3.00 |
| One Column, (fourteen squares or less) " | 6.00 |

SUNDRY ADVERTISEMENTS:

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| One Square, each insertion | 1.00 |
| Two Squares " " " " | 1.50 |
| Three " " " " | 2.00 |

Thus upward, with a half dollar to the additional square for each insertion.

BOOK, JOB AND CARD PRINTING

Executed to order in this office; and having received some important additions to our stock of

Job and Ornamental Type,

We are prepared to do work at reasonable rates, and in the most approved style.

BOOK-BINDING

In all the branches carried on in connection with this Office. Send in your orders.

STRAYED.

FROM the Pasture north, a yellow roan Mare MULE, branded Y X on near shoulder and other brands not recollected; on near hip, with a cross rudely cut on near fore hoof. Whoever will return said mule to the subscriber will be rewarded. 60-3 **GEO. D. GRANT.**

\$5 REWARD!

STRAYED, a dark bay HORSE COLT, three years old in the spring; star in forehead; spot on the end of nose; one hind foot white; last seen on sand ridge, West Jordan. The above reward will be paid to any person who will bring or give information of said colt to 60-2 **JOSEPH YOUNG, 13th Ward.**

NOTICE.

IT is absolutely necessary that I should settle up my business as speedily as possible; I therefore request all persons knowing themselves indebted to L. Stewart and Brother, L. Stewart and Co., or Levi Stewart, to call and settle up immediately and not put me to the painful necessity of taking such a course as will ensure collection. Those holding claims or Due Bills will please present them as soon as possible for settlement. Brethren will you heed this call, or wait to be called upon at your residences? Punctuality is the best recommendation. 60-1 **LEVI STEWART.**

BUSINESS NOTICES.**COMB FACTORY.**

I AM now making Combs at my store, corner of Emigration and East Temple streets. Horns Wanted. (47-4) **ALEX. DAFT.**

CASH PAID

FOR Buck, Elk, Sheep and Antelope SKINS; Tents, Wagon covers, Sacks, Sheets or any kind of cotton cloth, by J. H. Thomas, at C. Clive's, tailor, East Temple street. 60-1

DESERET COMB FACTORY.

WANTED at the Deseret Comb Factory a good supply of Cattle Horns. I will give a good price for the same in fine and coarse combs. Comb Factory opposite to Mulliner's tannery, East Temple street, one and a half block south of Tithing office. (50-3) **JAMES SADLER.**

J. L. HEYWOOD,

HAT, Cap and Muff Manufacturer, 17th Ward. WANTED in exchange—all kinds of Furs, Sheep and Lamb's wool; also all kinds of produce, County and Territorial orders. 21-11

ROPE AND TWINE.

W. A. McMASTER, Rope, Twine, Lasso, Girth, Broom and Weavers' Twine Manufacturer, 11th Ward, informs the public that he will break and dress Hemp and Flax, or spin any of the above named to all who wish, on cheap terms, &c. 27-11

Cache! Cache!!

I AM prepared to supply FLOUR BOXES, made of good seasoned lumber, at a reasonable price. Send on your orders; first come, first served. For those who supply their own material, I will make up boxes at a low figure for the accommodation of the people. **W. H. NAISBITT,** East of the President's. 43-11

W. BALLAN,

WATCH-MAKER, respectfully informs the inhabitants of Great Salt Lake City and vicinity, that he intends carrying on his business in the house formerly occupied by A. L. Hale, North Temple st., 17th ward, and will warrant all work done by him to give satisfaction, as he understands his business in all its branches. Jewelry neatly repaired; charges very moderate. 43-11

ENGRAVING SHOP!

A. T. J. M. BARLOW'S, 1st door east of the Deseret Store, where all kinds of engraving may be done. Names engraved on guns, watches, rings, spoons, knives, &c. Public Hands and others please take notice. Any kind of available pay taken. Terms moderate. **DAVID MACKENZIE,** Engraver. 25-11

NOTICE.

THE Subscriber, having purchased the Woollen Factory at Jordan Mills, formerly owned by Mr. Gault, has repaired and fitted it up in good order and has it in successful operation. Carding, Spinning, Weaving, Fulling and Dyeing done to order at short notice, and on reasonable terms. With a new set of cards and good workmen, he flatters himself that he can do as good work as can be done in the Territory. Wool worked up on shares, if desired. 20-11 **A. GARDNER.**

HATSE! HATS!! HATS!!!

JOHN TATTON wishes to inform the inhabitants of Utah Territory that he has commenced the Hat Manufacture in the 14th Ward adjoining the New Court House east, where by strict attention to business and by the extensive knowledge he has acquired in the art, he hopes to give full satisfaction to those who will give him their patronage. **N. B. WANTED**—Beaver, Otter, Fox, Wolf, Hare Skins and Lamb's Wool, for which he will pay good prices 40-3m

Look Here Everybody!

I HAVE Removed my Goods to three doors west of Jennings and Winder's Meat Market, where I would be pleased to see all who wish to buy goods, and particularly those who have little tickets in the drawer which were to have been paid 'to-morrow,' and have now been due from six to twelve months. P.S. Those who have forgotten that they are owing me will probably find their names with the amount of their indebtedness in a list at the post office door and in the 'Deseret News,' if not attended to immediately, for I am tired of continually dunning. 42-12 **JNO. B. KIMBALL.**

DESERET DRUG STORE

HAS still on hand (in addition to the celebrated Gräfenberg Remedies) an excellent assortment of botanical and other medicines; also a choice selection of Pomatums, Perfumeries, &c. Fancy Articles for the Toilet, which will be disposed of for Butter, Eggs, Pork, or any kind of grain.

W. S. Godbe would wish most respectfully to remind those parties who have been accommodated with medicines and other merchandise at the time they were so greatly needed—that something in the shape of "pay" would not only be fulfilling their sacred promises, but prove quite as acceptable to him as the goods sold to them. All kinds of produce will be taken for payment. Your prompt attention to this matter is expected. 47-3m

Brand Sheets! Brand Sheets!

NOTICE is hereby given that the Brand Sheets, now neatly bound, can be had by calling at the President's Office, price \$1 cash or wheat at cash price taken in payment. Persons having cattle estrayed, or those purchasing, will find it to their advantage to have the Brand Sheets by them for reference. **H. B. CLAWSON,** Recorder of Brands. 491

ADMINISTRATOR'S NOTICE.

HAVING BEEN APPOINTED AD- MINISTRATOR of the Estate of Thomas Tennan deceased, by the Judge of the Probate Court for Great Salt Lake county, the undersigned hereby requests all persons knowing themselves indebted to said estate, to come forward without delay and cancel the same, and those having demands against said estate will please file them with the Judge of the aforesaid Court, properly authenticated, as soon as circumstances will permit and within the time specified by law. 44-11 **DANIEL SPENCER,** Administrator.

ADMINISTRATORS NOTICE!

THE undersigned having been ap- pointed by the Judge of Probate for Great Salt Lake county Administrators of the Estate of A. W. Babbitt, deceased, hereby notify all persons knowing themselves indebted to said estate to come forward without delay for settlement; and all persons having claims against said estate will please file them with the Hon. Elias Smith, Probate Judge, on or before the first day of June, A.D., 1867. **JULIA ANN BABBITT,** **W. H. HOOPER,** **BENJ. F. JOHNSON,** Administrators. Great Salt Lake City, Dec. 20, 1866. 62-3m