## ELECTRICAL IMPROVE-MENTS.

further advanced than this planet

Telegraph signals were recently exchanged between Melbourne and Singapore, a distance of 4,700 miles, and a reply was received in the though the telegram had to be repeated at Port Darwin. This was merely an experimental test.

An electric railway brake which is instantaneously applied and continuous in its action has been successfully tested in France. The acperiments upon a train of thirteen carriages, traveling at the rate of forty-five miles per hour, the train was brought to a standstill in twenty-one seconds, moving through a distance of two hundred and forty yards after the break was applied.

porter can be read directly into the telephone receiver, either by the reporter or another person employed for the purpose, and the compositor at his machine in the office sets his ears in juxtaposition with the other terminal of the instrument, the disc of the telephone being placed above and behind the compositor, and two and behind the compositor, and two tubes arranged, each with two trumpet-shaped extremities, in such porter or another person employed on the Sait Lake market for, say four dollars and a half per ton, at a residence in Litiz, was viewed by over 509 people, who came in from the surrounding country. He was buried with the simple services of the Moravian Church, performed by Rev. Charles Nagle, and at rest in the beautiful grounds adjacent to the church. The remains were followed to the grave by the grand-children of the deceased old sold diler, by the pioneers, among whom trumpet-shaped extremities, in such a manner that these extremities are applied at one end to the two sides of the telephone disc, and at the other end to the two ears of the other end to the two ears of the should that make to the building of the Utah Eastern? Not any what compositor. The compositor has a simple code of bell signals, a speaking instrument with a key for ringing a bell and a bell which is rung from a bell and a bell which is rung from a bell and a bell which is rung from a bell that he is ready, receives a sentence, strikes the bell to indicate that he understands it, sets up the of the immense difference in their of the deceased old soldier, by the pioneers, among whom were some of his associates in California in 1846, and by nearly three building of any southern democrat would have opened the way for republican visuperation—they have nothing to say of the nomination of any southern democrat would have opened the way for republican visuperation—they have nothing to say of the nomination of any southern democrat would have opened the way for republican visuperation—they have nothing to say of the nomination of any suthern democrat would have opened the way for republican visuperation—they have nothing to say of the nomination of any southern democrat would have opened the way for republican visuperation—they have nothing to say of the nomination of any suthern democrat would have opened the way for republican visuperation—they have nothing to say of the nomination of any suthern democrat would have opened the way for republican visuperation—they have nothing to fail 1846, and by nearly three to do if it pleases, what difference should that make to the building of in Litiz. The pallbearers were deneral John C. Fremont, General H. G. Gibson, E. E. Vemble, J. G. Nuthan, Francis G. Clark, I. S. Sherwood, J. F. McClosky, Wm., black the proper of the nomination of any southern deer of an in 1846, and by nearly three to do in the land to do fany southern deer of an in 1846, and by nearly three the num type with his machine, strikes the bell again for the reader to continue his dictation, and so on until the work is carried as far as time will

We have frequently expressed their own use. our opinion that electricity would not only furnish the coming light but also the coming force, dispensing with the noise, smoke, dirt and Eastern, nor withhold help in the danger of steam locomotion. But work from fear of the ghost of what the objection is sometimes raised that it will take as much force to generate the electric fluid as can be obtained from it after it is developed, and therefore, that no force will thus be gained. "The proof of the pudding," however, is not in discussing its possible deficiencies. An electric railroad is now in

Scientific American, a journal not given to romancing or to jumping atconclusions. From the report of those gentlemen, we condense the following description of the new railway: It is built over natural ground, with little or no grading, and with no regard for curves or grades. It is at present something over half a mile long, and is soon to

the rate of twenty-five to thirty pointed. A MENT MOTION TO miles an hour. Their experiences new York Feeling on the Ticket, and run in all directions.

New York, 25. — The general How the Ticket with the Newsperson are the desirableness of a little opinion among republicans and Tamsmoother road, and to convince many them that there was no lack of power in the machine. Mr. Edison says that he realizes in the locomotive press seventy per cent. of the power applied to the generator. He will soon add four more cars, and apply improvements which he has in con-tempiation.

NING NEW D. for mining districts, and perhaps it not entirely visionary to expect that the street and elevated railway may at no very distant day lies confully operated by electricity.

> A SUBJECT OF VITAL IMPORTANCE.

Tais is emphatically the age of elec- THE subject of the Utah Fastern er unknown to the ages of the stons in relation to it. We can say a tried statesman in addition, while past on this globe of ours. In worlds for the benefit of our renders, that Hancock is merely an uneducated Coalville to Park City, and the in a Baltimore paper thus:

and gaze upon ships passing over the great deep without sails, cardiages running, with the speed of the wind, without horses, and men talking to each other though separated by thousands of miles of land and sea.

Among the recent improvements

taking to each other though separation, as an parties are sa tished and his nomination not its motive force. Make a candidate he is stronger than most of those named would have been, but he is weaker than either American name could the present coat the company a little more perin the use of electrical apparatus are haps than if obtained in another Payne or Jewitt," way, but it will be found the cheap-

> part of the road will, it is confident- tainly three out of five, and we think ly asserted, be finished without issuing a single bond. The manager
> of the great Ontario mining property
> is president of the railroad company,
> and the patronage of that immense and the patronage of that immense | degree to

tion of the apparatus is dependent upon the adhesion of an electromagnet to the axle of the wheels, by means of which, two chains, attached to levers carrying friction blocks, are wound upon a drum. In some excan the latter, a small and stroggling enterprise, succeed in opposition to the former, a monster corporation? The answer in that the
Utah Eastern has neither fight nor
quarrel with the Union Pacific or
any other road or company.
The necessity of a cheaper

The apparatus is worked by six cells of Daniell's battery.

The London Times now uses the Edison telephone for communication between the House of Commons, and the Times office. By this means debates are reported and printed from half to three-quarters of an hour earlier than had previously been possible. The notes made by the reporter can be read directly into the latery and more certain supply of coal for this city as well as the Park is a settled fact, Something has to be done to secure these requirements. The Utah Eastern is the response to the demand. If the people choose to build it, the right is theirs undeniably. If they like to make it pay by patronizing it after it is built, they can do so and nothing can prevent them. If coal now costing eight dollars per ton can be placed.

Bartial of General Sutter.

LITIZ, Pa., 25.—John A. Sutter, the distinguished pioneer and philatory can deal this place. The distinguished pioneer and philatory can be restricted by delegations of veteran Californian from New York and Philadelphia members of the society of the Associated Pioneers of the territorial days, among whom were present General J. C. Fremont, H. G. Gibson, the latter the president of the society. Gen. Sutter had been embalmed and enclosed in a massive rosewood casket. and more certain supply of coal for

> of the immense difference in their by Gen. Fremont who referred to The news of the nomination of his friendship for Gen. Sutter, comcomotives and cars under cover and let the read rest on its little bed, while they pocket big dividends in the reduction of the cost of coal for let the road rest on its little bed, while they pocket big dividends in the reduction of the cost of coal for Let no one be "bluffed" by the

spectre of a giant corporation along the line of the Utah may be. Neither let any one try to get up friction between two com-An electric railroad is now in nick of time—and that's just now— as follows: operation; on a small scale it is true, for cheap coal and plenty of it, this but the principle is the same, indecity can save thousands upon thousands of dollars and lots of ill feeling in the winter time when Edison-don't laugh Mr. Skeptic, fuel is usually scarce. The direction Edison—don't laugh Mr. Skeptic, fuel is usually scarce. The direction the army under my command to strike is along the line of the marched in search of the enemy. In es, if he has been a copyist in many Utah Eastern, and the instrument the evening the army encamped at things—has an electric railway at is money, a full return for the in-Menlo Park, which has been in vestment of which will come to the spected and tried by many visitors stockholders and the community. the following morning we renewed competent to form correct opinions; These are our opinions briefly expended fire on the advance of the community. pressed on a subject of vital in portance at the present juncture.

> BY TELEGRAPH PER WISTERN UNION TELEGRAPH LINE AMERICAN

over half a mile long, and is soon to be extended to form a mile circle. The present rolling stock consists of one electric locomotive and one open car. The motor is precisely like one of Mr. Edison's electrical generators, and the motive power is supplied by his stationary engine, the power being converted into electrical energy by a single generator. The current thus created is conveyed to the track by two copper wires, one wire being connected with each rail. The armature of the locomotive makes four revolutions to one of the drive wheels. The me.

many journals and people is, that the democratic ticket is one of the strongest that could have been hamed. The idea commonly expressed is that the "bloody shirt" and personalities have been taken out of the campaign, and the battle must be fought on better and wider questions. The Commercial Adversarial in the orator who expects to win votes at the arror and the will require neither spolegy nor defense. It is to our end that Hancock ordered the democratic at Cincinnali have This grand experiment is design—ment that Hancock ordered the described applicability of the struction of Mrs. Surrat will lose done their work wisely are electric current to this purpose, and saying the nomination of Hancock ordered the described and recommendation of the democratic and the dem

clare the ticket will carry all the States that Tilden did and Pennsylvania, Ohio and possibly Wisconsin as well. Republicans

election were held to-morrow Han-Tais is emphatically the age of electricity. That is, the powers and capabilities of the force known by that tions in relation to it. We can say civilly and militarily and that he is the road will be built. Contracts tyro and must be the tool of south-

that would astonish us if we could see its workings, even more than the improvements of these latter days would surprise our remote ancestors, would surprise our remote ancestors, rapidly delivered. The right of way for his advisors and who will really make the results of the second secon

and the patronage of that immense degree toward an era of good feeling dent of the U concern alone is a big thing for the and a revival of the old prosperity in his loyalty. every section of our common coun-

Burial of General Sutter.

SOUTH AMERICAN BELLI-GERENTS.

The Chilians Secure a Great Victory at Taena, Peru. PANAMA, 16 .- The last mail from

May 26th, 1880.

To the Minister of War. Yesterday, at nine o'clock a. m a half from the position occupied by the allied armies. At six o'clock o

offered a strong and tenacious resistance, but in spite of this, three hours later our valiant soldiers possession of the formidable From this n

locomotive makes four revolutions to one of the drive wheels. The machine is managed about like a steam locomotive, and it pushes ahead with wonderful energy.

Those gentlemen say that they had the pleasure of rising, with some twelve or fourteen other passengers, at a break-neck rate up and down the grades, around sharp curves, over humps and bumps, at the rate of twenty-five to thirty in-chief, was wounded and fell into the hands of the enemy. Col. Co-macho, he who lately initiated the revolution in Bolivia against Gen. Daza, was killed during the action. flan force was sent forward to the attack, and was followed so closely by the reserve, composed of four crack regiments, that the allies broke

able for plantations, large farms, and would have been presented by the

without political complication and

st elements in his party and the

hands on all sides.

The Chronicle says: The nomina-tions were on the principle of any port in a storm; that Hancock is as est in the end.

The success of that part of the road which is to be finished early this fall, is assured. Contracts already made for the delivery of coal at Park City secure this, and that part of the road will it is confident.

dent of the United States, because of

by his veteran friends and associates, was placed over the remains. It bere the inscription, "California ploneer— have been converted concede that we loved him."

DIED.

At Muddy Banche, Box Elder County, Jun Dunn, aged 2 weeks and 2 days. Also, at "the same place, of the same dis daughter of the same parents, aged 2 years, Bath Rooms, Commercial Street.

SPRING WAGONS MADE TO ORDER. C.A. JACOBSON & Co. Horse Shoeing by C. Cooke.

PATRIOTS!

For the purpose of aiding the flow of patriotism in remembrance of the GLORIOUS FOURTH OF '76, I cordially invite Republicans, Democrats, Millionaires, Paupers, Jews, Gentiles, Saints, Sinners, Business Men, Bummers, and all others of proper behavior, to visit my Store on

SATURDAY, JULY 8rd, 1880, And accept of the good things which I and my assistants will hand out to them without charge. My many friends will of course embrace this opportunity to call and drink my health. I assure them they will be made welcome. On that occasion, I shall introduce a fine Whisky known as

opened fire on the advance of the enemy, the artillery on the other side replying to our fire. The fire of the artillery was sustained until 11, at which hour our infantry advanced on this market, at moderate rates. Gratis, for Nothing."

GRAPE CREEK BOURBON.

One of the best Whiskies ever placed on this market, at moderate rates. Remember, all are welcome to call and sample anything they wish, "Free Gratis, for Nothing."

Respectfully,



N.B.—The establishment will be CLOSED on MONDAY, JULY, 50

SUMMER SILKS & SATINS

WM. JENNINGS & SONS.

WE DEFY COMPETITION!

THE LARGEST STOCK OF

IN THE TERRITORY, AT

TEA POT STORE

At Farmington, Davis County, Utah, June 19, 1880, ABRAHAM RIVERS, late of Brem-

WANTED. GOOD GIRL TO DO GENERAL housework. Apoly immediately at Mrs.

UTAH EASTERN RAIL-ROAD COMPANY, RUSTEES OFFICE, 1230, FIRST SOUTH Street, 4 doors East of Dinwoodey's, up

> ESTRAY NOTICE. HAVE IN MY POSSESSION:

One red spotted STEER, 3 years old branded R C on left ribs, no ear mark. Which, if not claimed, will be sold Tues June 29th, at I o'clock, at the Estray Pound. Manti, Sannets County, Utah. JENS HANSEN,

ESTRAY NOTICE.

One red yearling HEIFER, notch out of en inderbit in each ear, no brands visible.

foroni, SangeteCounty, at 10 a.m.
JOHN BAILEY.
District Pounce
Moroni, June 22, 1880.

CASH W or Good Heads of Hair. Parties desirous dling their hair will do well to call on us. Hair goods of all kinds for sale at reaso

OUR MILLINERY DEPARTMENT complete, and we ask the Ladies to exa-ine our stock of Ladies' Goods. Mdmes. BUTTON & BOYAN, 128, East Temple St., Salt Lake City

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Every boy and girl should see it. It's new in Utah.

Every man and woman should see ft.
It's quite funny.

Every family should see it once.
It's a natural beauty.

Select a time when a crowd is present.
It's sometimes laughable.

You are in darkness but see every-

DON'T YOU FORCET IT

Open Every Day the Sun Shines.

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Depot. All kinds of repairing done. Order

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PHILADELPHIA COFFEE HOUSI

55 MAIN STREET,

WM. HILL, Proprietor

Horse Shooing in the Best Style.

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SALT LAKE CARRIAGE & WAGON SHOT OLIVE SE, WEST of the MITCHELL JOHN MALQUIST & BRO.

REMOVED or business to their NEW COMMODIOUS RE-PROOF BUILDING, where they are opered to do all kinds of Blacksmithing, Wagon Making



M¢KENZIE REFORM CLUB HOLDS REGULAR MEETINGS EVERY BAVE THE FINEST LINES OF BOOTS, SHOES, HATS, CAPE

> CLOTHING, Etc., IN THE CITY. WIR JENNINGS & SONS

CHAMPION REAPERS & MOWER Tiger Sulky Hay Rakes (Self Dumpers)

Oliver Chilled Plows, Molius Plows, Randall Pulverizing Harrow, WACON MATERIAL AND HARDWOOD LUMB

PORTER SHEET IRON ROOFIN The Best and Cheapest Roofing Material used. "Tresat HOWARD SEBREE, Balt Lake

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Chilled Plows, steel Beam Plows and
Harrows. Avery Gang. Sulky
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