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TERRES

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HIGHLAND MESSENGER. ASTREE VIELLIE:

Friday, February 17, 1843.

OF A Western paper nominates JOHN McLEAN, of Ohio, and WM. GASTON, of North Carolina, as candidates for the Presidency and Vice Presidency. He is a sensible man. That would be a strong ticket. There are scarce two abler men in the Union than Judges McLEAN and GASTON, and if HENRY CLAY were to die before 1844, Judge McLEAN is the man to whom we would give our feeble support for President.

More Democracy Gov. PORTER, of Pennsylvania has vetoed the bill passed at the last session of the Legislature of that State. districting the State for members of Congress. The bill, he says, was handed to him on the 25th of July last, and the very next day the Legislature adjourned, and the members set off for their homes.

RATHER UNPLEASANT.

It will be recollected that in a late number of the North Carolina Standard, the editor asserted that the committee appointed to investigate the affairs of the Literary Board had ascertained that in all there had been fifty-one borrowers-forty-five of whom were Whigs, and six Democrats-that the Whigs had borrowed nincty seven thousand four hundred and sixty-nine dollars, and the Democrats eleven thousand four hundred and cighty-six; and then asks " was there ever such favoritism known?"! When this publication was made, Mr. BARRINGER, a member of the House of Commons, and a member of the investigating committee, a rose in his place on the floor and pronounced the whole to be palpably false-exhibited a true view of the matter, and challenged

ABVICE. One of the old Greek Philosophers was once ask. ed "What is the casiest thing done ?" "To give advice," he immediately replied. "What is the hardest thing to do ?" was then asked. "To take advice," was the prompt answer of this sage.

In this, there is much more truth than poetry. Every one you meet, is ready and willing to give advice, but very few are disposed to take it. We scarce over saw an individual in our lives but who seemed to think themselves capable of giving advice on some subject-young or old, male or fepoor-bond or free-high or low-every one thinks himself or herself wiser about some things than you are; hence, their readiness to advise. And their opinions on the same subject are as diversified as the configuration of their faces or the phrenological developments of their craniums .---Let a stranger, for instance, ride up to a company of men and civilly ask the way to any given point-one steps forward as the spokesman of the whole, and enters into a description of the roads, houses, fields, mills, creeks, rocks and trees; but ere he

is done-or, like the servants of afflicted Job-while he is yet speaking, another comes up and announces a more excellent way, and forthwith he enters upon a long history of the difficulties attending the way. and it is well for the confused traveller if he gets off with hearing less than a half a dozen different ways portrayed ; the directions in each case are to him confusion worse confounded-notwithstanding each one is

he can't miss the way. One tells him to from England, Germany, and France .-go by Peter Jones', and take a right hand, and then take Peter's field on his left hand, and the barn on his back, and keep straight on. Another says: Better go by Uncle Jake's, cross the creek, leave uncle Jake's house on his right, turn to the left, then to the right, then to the left again--cross over the mountain by aunt Sally's, and he can't miss the way. Thus go on some eight or ten, all insisting that the way they recommend is the best-the bewildered traveller all the while knowing no more of Poter Jones, uncle Jake or aunt Sally, than he does of the man in the moon, and finally sets off to find his way the best he can.

Reader, this is but a specimen of what is going on in the world every day, in reference to almost every thing. There are few any man to deny it. Subsequently the ings about which men agree any better

Letter of Professor Morse, To Hon. C. G. FERRIS, on the system of by himself.

NEW-YORK, DEC. 6, 1842. electro-magnetic telegraph, since it was

During the session of the 25th Congress, report was made by the Committee on Commerce of the House, which concluded and the manner in which it has been reby unanimously submitting a bill approprimale-white, black, red or brown-rich or ating \$30,000 for the purpose of testing my system of electro-magnetic telegraphs. The pressure of business at the close of an electro-magnet, by a single galvanic to New Orleans, and which informs the New after this discovery of Oersted, the deflec-that session prevented any action being pair, diminished rapidly as the length of the York merchant's correspondent at New tion of the needle became the princip's upon taken upon it.

Before the session closed, I visited Eng land and France, for the double purpose of to the whole invention, since at a great dis. bales of cotton at 9 cents per pound, and The celebrated Ampere, in the same year some remuneration for my large expendiinvention. In France, after a patent had been secured in that country, my telegraph first attracted the attention of the Academy of Sciences, and its operation was shown, and its principles were explained, by the celebrated philosopher, Arago, in the session of that distinguished body of learned men on Septemger 10, 1838. Its reception was of the most enthusiastic character .---Several other societies, among which were the Academy of Industry and the Philotechnic Society, appointed committees to examine and report upon the invention, from all which I received votes of thanks, and from the former the large medal of honor. The French Government at this time had its attention drawn to the subject of electric telegraphs, several systems havapt to close his instructions by assuring him ing been presented for its consideration, Through the kind offices of our minister at the French Court, General Cass, my telegraph was also submitted ; and the Minister of the Interior (M. Montalivet) appointed a commission, at the head of which was placed M. Alphonse Foy, the administrator. in-chief of the telegraphs of France, with the various systems which had been prethe Minister in favor of mine. In a note addressed to me by M. Foy, who had ex. graph in my presence, he thus writes :

however, under many discouraging circum- graph in increasing the revenue, let us sup- lished about 200 miles in England, under stances, from want of the requisite funds pose that but 18 hours of the 24 are effi. the direction of a company in Lordon. In Electro. Magnetic Telegraphs, as invented for more thoroughly investigating some of ciently used for the actual purposes of reve- a highly interesting paper on the subject of the principles involved in the invention, I nue; that 6 hours are allowed for repetitions telegraphs, translated and inserted in the have, nevertheless, been able to resolve all and other purposes, which is a large allow. London Annals of Electricity, March and Dear sir,-In compliance with your re. the doubts that lingered in my own mind, ance. This would give, upon a single cir. April, 1839, Professor Steinheil gives a uest, I give you a slight history of my in regard to the perfect practicability of cuit, 12,960 signs per day, upon which a brief sketch of all the various projects of establishing my telegraphic system to any rate of postage is to be charged. Intelli. electric telegraphs, from the time of Frankpresented for the consideration of Congress, extent on the globe. I say, "doubts that gence of great extent may be comprised in lin's electrical experiments to the present in the year 1838. Suppose the following com. day. Until the birth of the science of and, indeed, only one of a scientific char-

solved : At an early stage of my experiments, I

found that the magnetic power produced in

submitting my invention to the test of Euro. tance I could not operate at all, or, in order 300 barrels of pork at 8 cents per pound. of Oersted's discovery, suggested a plan of pean criticism, and to secure to myself to operate, | should be compelled to make | Thus may be completed, in three minut..., use of a bittery of such a size as would a transaction in business which now would and a circuit for each letter of the alphabet tures of time and money in elaborating my render thewhole plan in effect impractica. take at least four or five weeks to accom. and the numerals-making it necessary to ble. I way, indeed, aware that by multi- plish. plying the pairs in the battery-that is, inwire, the interesting fact, so favorable to 000 per annum. my telegraphic system, was fully verified, Wheatstone, of London, of Professor Mas. distance of ten miles; after which, the ad. quire more. son, of Caen, and Professor Steinheil, of dition of miles of wire ap to thirty-three miles

pressed his warmest admiration of my tele. quantity. The practical deduction from of circuits, does not proceed on the doubling Gauss and Weber's, to whom Steinheil graph in my presence, he thus writes: these experiments is the fact that with a principle. If a channel for conveying a gives the credit of being the first to simplify "I take a true pleasure in confirming to very smal battery all the effects I desire, single circuit be made in the first instance and make practicable the electric telegraph. you in writing that which I have already and at any distance, can be produced. In of sufficient capacity to contain many more But when it is considered that all the Eurohad the honor to say to you viva voce, that the experiments alluded to, the fifty pairs circuits, which can easily be done, addi. pean telegraphs make use of the deflection I have prominently presented (signale) to did not occupy a space of more than eight tional circuits can be laid as fast as they of the needles to accomplish their results. eur the Minister of the Interior your cubic incles, and they comprised but fifty are called for, at but little more than the and that none use the attractive

from New York to New Orleans : electro-magnetism, generated by the im-portant discovery of Oersted, in 1820, of acter, which at all troubled me, I will state, from New York to New Orleans :

RAczsenaer.

9, and 300 pork, at 8.

Here are 36 signs, which take three mion this fact would lead to a conclusion fatal ment, and gives him orders to purchase 25 attempts to construct an electric telegraph.

Suppose that one cent per sign be charged termini of the telegraphic line. creasing the intensity of its propulsive for the first 100 miles, increasing the charge powers-certain effects could be produced at the rate of half a cent each additional the parent of all the attempts in Europe, at great distances, such as the decompost. 100 miles, the postage of the above com. both abortive and successful, for construct. tion of water, a visible spark, and the de. munication would be \$2 88 for a distance ing an electric telegraph. flection of the magnetic needle. But as of 1,500. It would be sent 100 miles for magnetic effects, except in the latter case, 36 cents. Would any merchant grudge so Baron Schilling's, at St. Petersburg, conhad not to my knowledge been made the small a sum for sending such an amount of sisting of 30 magnetic needles, and upsubject of dureful experiment, and as these information in so short a time to such a wards of 60 metalic conductors, and invarious effects of electrical action seemed, distance? If time is money, and to save vented, it seems, the same date with my in some respects, to be obedient to different time is to save money, surely such an im. electro-mageetic telegraph, in the autumn laws, I did not feel entirely assured that mense saving of time is the saving of an of 1832. Under the same head comes that magnetism could be produced by a multi. immense sum of money. A telegraphic of Professors Gauss and Weber, of Gottinplication of mirs sufficiently powerful at a line of a single circuit only, from New York gen, in 1833, who simplified the plan by great distance to effect my purpose. From to New Orleans, would realize, then, to the a series of experiments which I made, in Government, daily, in the correspondence Professor Wheatstone's, of London, inventconjunction with Professor Fisher, during between those cities alone, over one thou. ed in 1837, comes under the same category; the last summer, upon thirty-three miles of sand dollars gross receipts, or over \$300,. he employs five needles and six conductors.

But it is a well-established fact, that, as that while the listance increased in an arith. facilities of intercourse increase between metical ratio an addition to the series of different parts of the country, the greater galeanic pairs of plates increased the mag. is that intercourse. Thousands travel, in by Ampere and Arago, immediately connetic power in a geometric ratio. Fifty pairs this day of railroads and steamboats, who of plates were used as a constant power. never thought of leaving their homes before." electro magnet, which none of the savans of Two miles of conductors at a time-from Establish, then, the means of instantaneous directions to examine and report upon all two to thirty three, were successively added communication between the most distant to the distance. The weight upheld by the places, the telegraphic line of a single cir. in two years past, for the purpose of signals. sonted. The result of this examination (in magnet from the magnetism produced by cuit will very soon be insufficient to supply My telegraph is essentially based on this which the ingenious systems of Professor fifty pairs gradually diminished up to the the demands of the public-they will re-

Two circuits will of course double the The weight then sustained was a constant wards establishing a second, or any number the precedence, by some months at least of

Yrs., Dec. 21, rec. Bay 25 bales c., at the action of electric currents upon the

magnetic needle, the electric telegraph was but a philosophic toy, complicated and pracnutes in the transmission from New York tically uscless. Let it be here noticed, that, conductors increased. Ordinary reasoning Orleans of the receipt of a certain docu, which the savans of Europe based all their telegraphs, to consist of a magnetic needle. have some 60 or 70 wires between the two

This suggestion of Ampere is doubtless

Under this head may be arranged the using but a single needle and single circuit. Professor Steinheil's, also invented in 1637.

employs two needles and two conductors. But there was another discovery, in the infancy of the science of electro-magnetism sequent on that of Oersted, namely : the Europe who have planned electric telegraphs ever thought of applying, until withlatter discovery.

Supposing my telegraph to be based on son, of Caen, and Professor Steinheil, of dition of miles of wire up to thirty-three mules I wo circuits will of course about it is tric telegraphs, which it is not, mine, hav-Munich, passed in review) was a report to (the extept to which we were able to try it) facilities, and double the revenue; but it is tric telegraphs, which it is not, mine, hav-tric telegraphs, which it is not, mine, havgives the credit of being the first to simplify

Standard published a list of borrowers, in than they do about the best road literally to which he ranked as Whigs some of the a given point. Start them to make money most violent Democrats of the State-sev--gain honors-acquire ease-secure haperal ladies-and included in his list several piness-and it's the same way ; each one persons who had never borrowed one single cent from the Literary Fund. The Regis- takes his own road-feels quite sure that ter now very justly calls upon the editor of the Standard to retract what he has said on this subject, and unless it is done, the Standard will stand convicted of deliberate and wanton falsehood. We suspect that the whole has been another Chunn's Cove af-

07 From the tone of some of the Democratic papers from Georgia we learn that the late election by the Legislature of the Hon. W. T. COLQUITT as United States Senator, was very far from being agreeable to the party generally. In truth, we suspect that the late elections in that State have Yeatman & Woods, lately died in Nashcaused that party to feel somewhat like their

brethren of this State, that they have killed themselves. This we believe to be about the truth, whether they feel it or not.

AUGUSTA MARKET.

interested to know the state of the main Augusta-we intend hereafter to -

them advised on that subject. We also quote from the Augusta papers, and if our

readers should at any time be misled by most commonly bought or sold by the peak less at once see the propriety of such a the truth. course, as well as the advantage it will be

to their market. This course will create a new inducement

for the Farmers especially to subscribe for our paper, in order that they may know the price of produce before they carry it down and the price of groceries before they go after them. We are determined that henceforward the Messenger shall be just such a paper that though a farmer or mechanic may make out after a sort of fashion withwith it.

it's the best that ever was-plods along a while-gets lost-turns back-tries another with no better success; and this makes pretty much the history of this world, and in reference to the next world, it's but little if any better. If a company of men and women become alarmed about their future welfare, and begin to amend, they set off

in as many directions as a covey of partridges when a hawk unexpectedly pounces among them-and how they will all come out at last, this deponent saith not.

OTROBERT WOODS, Esq., of the firm of ville, Ten., aged about 56. The banking house with which he was connected was long and favorably known.

WM. M. LOWRY, Esq., has been appointed Postmaster at Greeneville, Ten., in place As a great portion of our readers in the of W.s. Dickson, dec'd. We never inquired western portion of this State, in South Ca. after Mr. Lowar's politics, but we know rolina, and in Tennessee, doubtles Geel him to be a very worthy man and a perfect fleman, and believe he will make a good

65 A good story is told by the Fayetteville Observer of a member of the late Lewhat we may say, it will be in consequence gislature on his return home being met by of incorrectness in the Augusta papers ; of one of his party-a prominent man-when this, however, there will be but little danger. he remarked that they (the Democrats) We shall give the prices of those articles would never get his vote again-" that they were a pack of fools who hast done the State ple of the up country, and will faithfully no service, but had disgraced themselves?" report these so long as they are reported by This was said by a Democrat to a Demothe city papers ; and these papers will doubt. crat, publicly, in a public place-and it's

> MARSHALL AND THE BARREL .- The western papers tell the following anecdote :---

" An opponent of this gentleman, some few years since, exhibited his political gagging by informing the crowd, which he was addressing, that his father was a cooper. and had made many a barrel for them .--Tom, in reply, indulged in the following strains : " Fellow-citizens, I have no doubt that Mr. P.'s (his opponent's) father was a cooper, a first rate cooper--a perfect smasher of a cooper, and made you many a good may make out after a sort of fashion with-out it, he can always get along much better barrel (pointing to P.) in which he forgot to with it. put a good head.

electro-magnetic telegraph, as being the square indes of active surface. system which presents the best chance of practical application; and I have stated to telegraphic system is thus relieved from all him that if some trials are to be made with scientific ojections. electric telegraphs, I hesitate not to recom-

mend that they should be made with your apparatus."

In England, my application for a patent for my invention was opposed before the usclessness, on account of the weather, Attorney General by Professor Wheatstone er, but very different from mine. A patent was denied by the Attorney General, Sir John Campbell, on a plea which I am confident will not bear a legal examination. But there being no appeal from the Attorney General's decision, nor remedy, except at enormous expense, I am deprived of all benefit from my invention in England .-Other causes than impartial justice evident-

ly operated against me. An interest for my invention, however, sprung up voluntarily, and quite unexpectedly, among the English nobility and gentry in Paris, and, had I possessed the requisite funds to prosecute my rights before the British Parlia-

cure them, so powerfully was I supported by this interest in my favor: and I should be ungrateful did I not take every opportunity to acknowledge the kindness of the and private individuals forbidden to corres. Delivery of the pipe and wire several noblemen and gentlemen who volunteered to ald me in obtaining my rights in England, among the foremost of whom European telegraphic system. were the Earl of Lincoln, the late cele. brated Earl of Elgin, and the Hon. Henry

Drummond. I returned to the United States in the

ered into in Paris with the Russian Counsellor of State, the Baron Alexandre de As a source of revenue, then, to the Go. Meyendorff, to visit St. Petersburg with a vernment, few, I believe, have seriously distinguished French savan, M. Amyot, for computed the great profits to be derived Expense for thirty-nine miles the purpose of establishing my telegraphic from such a system of telegraphs as I prosystem in that country. The contract, formally entered into, was transmitted to obtained by which they can be demonstrated. St. Petersburg, for the signature of the The first fact is, that every minute of the Emperor, which I was led to believe would 24 hours is available to send intelligence. be given without a doubt ; and, that no time should be lost in my preparations, the con- least, can be sent in a minue, instantanetract, duly signed, was to be transmitted to ously, as any one may have proof by actual

bassador in the United States, in four or now operating in the Capitol. five weeks, at farthest, after my arrival home After waiting, in anxious suspense, for

is many months, without any intelligence, I learned indirectly that the Emperor, from causes not satisfactorily explained, refused will be in constant use, and a demand made give you the proofs I possess that the Ameto sign the contract.

These disappointments (not at all affectng the scientific or practical character of my invention) combined with the financial my enterprise. For the last two years,

The pacticability of establishing my

Let me now turn your attention, sir, one How many more we have not yet ascermoment ton consideration of the telegraph tained. So that, to add another circuit is

three-quaters of the time, have concealed and Mr. Davy, each of whom had systems from view so natural a fruit of a perfected already patented, essentially like cach oth. telegraphe system. So uncertain are the for example, the whole cost of laying such miralty, members of the Royal Society. common alegraphs as to time, and so meager in the quantity of intelligence they can transmit under the most favorable circumstances, that the idea of making them a between those two cities. source of revenue would not be likely to occur. So far, indeed, from being a source of revenue, the systems in common use in

vernment monopoly, and used only for mile. Government purposes. They are in harmony with the genius of those Government, I could scarcely have failed to se- ments. The people have no advantage from them, except indirectly as the Government is benefited. Wore our mails used solely for the purposes of the Government, Lead pipe, with solderings pond by them, they would furnish a good illustration of the operation of the common

The electro-magnetic telegraph, I would fain think, is more in consonance with the political institutions under which we live, and is fitted, like the mail system, to diffuse spring of 1839, under an engagement en. its benefits alike to the Government and to One register, with its machinery the people at large.

pose; and yet there are sure data already The second fact is, that twelve signs, at me in New York, through the Russian am- demonstration of the fact on the instrument

> There can be no doubt that the cases. desirable, are so numerous, that when once | monstrate the best. the line is made for such transmission, it for a greater number of lines.

The paramount convenience, to commercial agents and others, of thus correspond.

cost of the prepared wire. The recent electro magnet to write in legible characters, discovery of Professor Fisher and myself I think I can claim, without injustice to othshows that a single wire may be made the ers, to be the first inventor of the electrocommon conductor for at least six circuits. magnetic telegraph.

as a source of revenue. The imperfections but to add another wire. Fifty dollars per citations of the Earl of Lincoln, showed of the common systems, particularly their mile, under these circumstances, would and explained its operation at his house, on therefore add the means of doubling the the 19th of March, 1839, to a large comfacilities and the revenue.

an additional circuit would be but \$5,000, and members of both Houses of Parliament. which would be more than defrayed by two months' receipts only from the telegraphs that he has recently, (in 1840) also invent-

line of conductors.

Europe are sustained at great expense; an of erecting spars about 30 feet in height European electro-magnetic telegraph, and expense which, imperfect as they are, is and 350 feet apart, extending the conduct. was invented, as is perceived, eight years justified, in the view of the Government, by ors along the tops of the spars. This me- subsequent to mine, and one year after my the great political advantages which they thod has some obvious disadvantages. The telegraph was exhibited in the public man-produce. Telegraphs with them are a Go. expense would be from \$350 to \$400 per ner described at the Earl of Lincoln's resi-

> The second method is that of enclosing the conductors in leaden tubes, and laying them in the earth. I have made the follow. ing estimate of the cost of this method: Wire, prepared, per mile \$150 00 25 00 Excavations and filling in about 1,000 yards per mile, or 4 feet 150'00 deep, at 15 cts. per sqr. yd. Laying down the pipe 3 00

comprising a galvanic battery of 4 pairs of my double-cup bat'ry 100 00 100 00 One battery of 200 pairs 22,737 00 200 00 Two registers Two batteries 200 00 Services of chief superintendent of construction, per annum Services of three assistants, at 4500 00

\$583 00

As experience can determine the best mode of securing the conductors, I should efficiency. where such speedy transmission of intelli.] wish the means and opportunity of trying gence from one distant city to another is various modes, to such an extent as will de-

Before closing my letter, sir, I ought to rican telegroph has the priority in the time of its invention.

The two European telegraphs in practiing at a distance, will authorize a rate of cal operations are Professor Steiheil's of To illustrate the operation of the tele- Bavarian Government; the latter is estab. periors, in all but clothing and food.

In 1839, I visited London, on my return from France, and, through the polite solipany, which he had expressly invited for Between New York and Philadelphia, the purpose, composed of Lords of the Ad-Professor Wheatstone has announced

ed and patented an electro-magnetic tele-There are two modes of establishing the graph, differing altogether from his inven-

tion of 1887, which he calls his magnetic-The first and cheapest is doubtless that needle telegraph. His is, therefore, the first dence in London.

I am the more minute in adducing this evidence of priority of invention to you, sir, since I have frequently been charged by Europeans in my own country with merely imitating long known European inventions. 250 00 It is therefore due to my own country, as well as to myself, that in this matter the facts should be known.

Professor Steinheil's telegraph that professes to write the intelligence. He records however, by the delicate touch of the needle in its deflections, with what practical effect I am unable to say; but I should think that it was too delicate and uncertain, especially as compared with the strong and efficientpower which may be produced in any dogree by the clectro-magnet.

I have devoted many years of my life to this invention, sustained in many disappointments by the belief that it is destined eventually to confer immense benefits upon 2000 00 my country and the world.

I am persuaded that whatever facilitates intercourse between the different portions of the human family will have the effects, un-\$29,737 00 der the guidance of sound moral principles to promote the best interests of man. I ask of Congress the means of demonstrating its

> I remain, sir, with great respect, your most obedient servant.

SAM. F. B. MORSE. Hon. CHARLES G. FERRIS.

Remember the poor, for the wheel of for. une may, in its unceasing whirl, place you among them in future years.

Remember the poor, for they are our London. The former is adopted by the equals, and many of them infinitely our su-

\$1,500 each per annum