Chicago 4th June 1852

Dear Sir

Yours of the 30th came this A.M. I judge from your letters, and what I learn from other sourses, that there will be something of a revolution in the Tel world within the next year. Snow's wire through Cook Co. was sold at sheriffs sale yesterday, and will be taken down immediately. The Delano line will have to be backed up strongly with funds, outside of their Earnings, or it will die within a year. The St Louis line, from here, is badly in debt: but the stockholders will pay it up, and keep up that line. I think our present indebtedness is not far from $7000, which we can pay in 7 months. This certainly is not doing any worse than our neighbours, who have not had a brimstone bill to pay. Your big figures all look well, and I would like to see the plan all carried out, except so much as relates to dismembering our E&M line. If we owned all the

stock on Elyria line, we could do as we might think best; but the 1/4 interest in other hands, would have just cause of complaint - Our 2d wire from Bu to Cleveland cost us over $4,000 and is in all respects as much the property of the Elyria line as the first wire - To relinquish that wire to a new Company, would Sewell a little too strongly of Ithaca Holly Woollen Factory, to suit my views of honesty - Any arrangement which may be made should include the whole line or none -

I have not been able to get back to Detroit, to do anything more about instruments - but will return tomorrow I think - If I pay the 500 dft on your due on Zanesville debt, and get the money to pay for poles at Sdk, and Fremont, & pay the men for work, I have for all I can do without spending either time or money on new instruments - I would be quite as much rejoiced as you would to get up the fine lines &t as it should be, and I am as certain as I can be of anything not positive, that we can do all

me expect or could with with it: but I know that it costs money & takes time and I have neither to spare just now. I will get at it as soon as I can & not neglect our line.

Since the line was moved on RR from Mich City 30 miles West, we have not been down at all, and have worked every minute to Detroit, direct, until yesterday. The lightning night before last burnt up our traps at Marshall & Jackson, and the boys did not know enough to connect outside their relays so we were interrupted all day, until Charley from Detroit got out to Marshall we are all right again today. I have increased our receipts here from $10 to $25 per day, and will get them up to $30 or $35 per day. I have been dunned until I am tired of it, and I know that I can work out all the debts due by the line, if I attend to it, and altho I have unbounded faith in doing all I promise with new instruments I am determined not to neglect the old ones

at present -

This is the strongest point on our line, and by proper attention to our bus here, I can very greatly increase our bus - Hotchkiss & his man Smith, have promised, (and are now at work) to put their lines in first rate order - their G Bay line has been down since last fall - so has their line from Madison to Galena - They say both shall be put up, (& kept up) in a few weeks - If they will keep up their lines as well as we will ours, we can get our receipts here up to $50 per day -

I may fail to meet my payments when due: because they are almost all past due now, and all wanted now, - but give me six mos longer & then see who will dunn me for money due by E & M line -

I sent Mr Sturges dft on you: accept it - I will pay it

Yours truly

J J Speed Jr

at a meeting of the board of Directors of the New York & Erie Telegraph Association held at the Clinton House in Ithaca June 10 1857

Present, E. Cornell President
Woodruff
Conrad
Bagley
Hurd

Resolved that the resolution passed at the meeting of the board on the 13th day of Dec. 1850 in relation to a reorganization under the General Law be & the same is hereby amended so as to read as as follows to wit "Resolved that by adding the words "& that the same may be increased to an amount not exceeding $ & the number and names of the associates be increased from time to time by a vote of the majority of the Directors" &

So that the resolution when as amended shall read as follows to wit Resolve &c. (Copy the whole of the amended Resolution)

New York June 16th
1832

Mr Ezra Cornell

Sir

In yours of the 14th I got this morning, you say you have been sick is the reason you delayed finishing your job You can't pay the Interest I pay Interest on near ten thousand dollars borrowed money Do you think the people I owe money to would be willing to receive your letter for payment You told me you would have some money to pay this interest when it was due on the 4th of the month, Now you have got to wait to finish your job before you can get the money to pay it I want you to finish the business of the first Sale as you proposed, You pay the interest, and let the english man have part of the land, and your father in-law ~~have~~ the Security for the balance of it for your wife, ~~Let~~ Call and see me The thirty days have more than elapsed that I agreed to wait for foreclosing the mortgage for the last Sale to you I am

Stephen B Munn

Mr Ezra Cornell

Now in New York

Columbus June 11. 52

E. Cornell Esq

Dear Sir

Enclosed is a notice of a meeting to organize St Louis line - I wish you could be there, the line is now working well and doing a fair business and would pay well if we could make proper consolidations. the C & C line is about in the same fix neither of them can do much more than support themselves till there is something - Kendall has consolidated his Pitts burg & N. O. line with the O. Reilly line and taken his Inst. out of our office at Cin'ti, and proposes to take us into the same communion but I have not got from him a definite proposal. Kendal seems to act as tho' he was making friends with the O. Reilly lines because Smith is now at Law with them, why can't we bestir about a consolidation of all the lines built under Smith: If you will let me know when you will be in Dunkirk or Buffalo I will meet you there, Since I saw you at Rochester I have had a letter from Judge Selden proposing to consolidate the House with C & C line but they have not lost money enough yet to do anything with them on fair terms

Yours Truly

J. H. Wade

Detroit 11 June 1832

Dear Sir

Wood got back today and said he left you at Ithaca so sick he doubted whether you ever got up — I immediately Tel-graphed Brigham to find out how you was, and got an answer from Binghamton saying you was on your way to NY and said you would soon have NY & E line all reinsertated &c. — I felt greatly obliged to Binghamton, as I would not like to have you ferried across the Styx just now.

Supposing that you was preparing to settle accounts in the other world, and would not care much about protests in this, I enclosed drafts at sight on NY to Geo S Coe Cashr, for $500 to pay draft drawn on you & endorsed by Wade, & asked him to send me the draft. It was like taking our grinders to pay the $500

we want the money so bad to buy Jos poles, and debts on our own line: but I think it was best to pay the debt.

I came from Ch Wednesday - I have got matters in good shape West, our line has not been down a minute for three weeks, since we got on RR from Mich. The Iowa line through Illinois was sold at Sheriffs sale last week - Bought in by Creditors and bought of them by Hotchkiss. I helped Botch get the money, as he will take off the wire, and cut down the poles - I think that line wont be in our way any more at Chicago. The Delano line is also largely in debt, and cannot be kept up without aid - Who will furnish the funds to buy the debts, and renew the poles, I do not know; but some one must, or they will be off the track by next year this time. We have had a long, dreary fight; but we are sure to win in the end, if we faint not

Baily is engaged making solar Compasses - He has five nearly done, and the parties ordering them are waiting for them - It will take Baily until 1st July to finish them - He gets $150 each and they do not cost more than a set of Morse Insts. I cannot consequently get Baily to aid me with the new Telegraph before July - As soon as I can have got up an instrument which we will not be ashamed to show in Sy -

How do you get on with Sy & R R Co.?

Yours truly

J. L. Gillis

New York June 15th 1882

Dear Sir

I went to Ithaca week ago Friday night and was taken sick immediately on my arrival home and remained so for seven days, so that I could not get back to N.Y. until last Friday night just a week, during my absence Mr Chester rec'd a letter from H. Gould on the subject of our N.O line suggesting such objections as occured to him, which I have been answering to day, and I think I have used them up as effectually as fully generally used up a gentleman who pounces upon him on some political question, Chester and myself are to see him tomorrow personally to talk the subject over with him, and I hope we shall be able to get him in our boat on a $10.000 ticket,

The Baine line was bid in by the bond holders at something over $39.000, it will be held by some 8 or 10 Capitalist of this city, Wilson G. Hunt purchased it, for the parties interested he being one of them, Hunt is an old Merchant worth half a Million, What they will do with it I cant yet learn, I intend to see Hunt and talk the matter over with him

Faxton bid on the line to within a couple of hundred of what it was knocked down for, but his courage would not carry him to the limit of the interest of his Company. He had better have bought it at $60.000 than let them buy it.

[I have not got that money of RR Co yet, but Ramsdall told me yesterday that he would say to Mr Loder that he considered the security I offered good and abundant, I shall have it this week or find out that I am not to have, at all, Thomas has paid the money to Riggs and he will be on nettels untill he gets it paid back to him again]

I recd yours of 4th inst all verry well, you did not mention what line through Cook Co of Snows was sold, when does it go to and what Oposition remove?

The dismemberment of E & M line I propose to be no dismemberment at all but simply an arrangement to blind Faxton for the present to keep his business, but in reality part of an arrangement that is to unbracket and consolidate the whole line with the rest of our lines, and I propose also to retain as far as practicable the power through which they may be controlled, in our own hands. I am glad you have got your debts down from 12 to 7,000 — and that you can pay that in 7 months

New York June 14th 1852.

J. W. Hickok Esqr.
Treas. of the Troy Hoosac Junction
Tel. Co.

Sir

Mr. E. Cornell has placed in our hands against your company an account amounting with int. & including two reported dividends (276.00 on his stock) to $973.33. He informs us that you have been furnished with the account & that for reasons resting on some counter claim your company decline to pay him. We have considered this counter claim based as we understand on a difference of opinion in relation to the company's claim under the contract. It seems to us that Mr. Cornell is right in his construction of it. But yet it is possible that a disinterested umpire would think differently.

As to the right to more than one wire Mr. Cornell is not disposed to stand upon what he supposes to be his rights & obligations under the contract and, if the company insist upon it, will (as a basis of settlement) convey the right to the patent to be used on as many wires as you choose - no limitation.

We have no wish for a protracted litigation with the company - we are sure our client is disposed to do

what he believes right & we may rightfully presume that your Company is actuated by a like disposition. You have commenced an action by attachment against him in Vermont. If no better mode can be found we must commence process against the Company in this State. This cannot be profitable or desirable to either party. We would suggest therefore a reference of all matters in dispute to some good lawyer as a Referee to hear the evidence, examine the contracts & to decide. We would suggest Chancellor Walworth as the Referee. He has been in the habit of taking references since he has been off the bench. He is well known for his unbending integrity & & as legal learning ~~lawyer~~, while he is nearer to you than to us. Will you have the kindness to suggest this to your directors or the President & give us an early answer.

While on this subject we would suggest to you that a new line of Telegraph from this South ~~under a~~ new system - destined as we believe, to supersede all existing systems ~~improved instrument~~ is in contemplation. It may be for your interest to consolidate with this ~~new Company~~ ~~adopt that instrument & to unite with us~~. Hereafter Mr. Cornell may communicate personally with you or your President on this subject.

Please let us hear from you at an early day.

Respectfully Your Obt Servts

E.W. & G.F. Chester
54 Wall St

Ithaca June 14th 52

Dear E.C.

I am here at your desk trying to inform you that I found Southworth and Johnson together this afternoon talking about the Sale of that land and under all circumstances Lesse and I thought best to have the Sale postponed until tuesday the 27th day of July I told them I thought from what I knew of your business it would be an accomodation to you, and Southworth agree to it Lesse will write you this evening or Soon on the Subject of the whole matter and will want a reply. I learn by a letter from Orrin to Otis that he does not expect to be out here until Some time in July near the middle, and that was one reason why I thought it mite be best to postpone the Sale and another that your meeting in Michigan mite interfear with the time as it was I think of nothing more Special

Respectfully yours in haste

E Cornell Esq

Benj Wood

Answered June 18. 1852

Ezra Cornell Esq
Erie Telegraph Office
Hanover St
N. York

N Y & Erie 440 miles one Wire
N Y & E RR 460 miles 1 Wire for RR use
N Y & Buffalo 513 miles 3 Wires —
N Y State Tel Co 550 miles 2 wires to Bu
150 " 1 " from Sy to Ogdensburgh
House Printing Tel N Y to St L via Bu & V. Cin. Sou 1500
2 Wires —
do " " Boston 250 miles 2 Wires
" " " Phil 100 " 1 "
Troy & C J — Troy to Montreal 260 mi 1 "
N Y & Boston Morse 250 mi 3 Wires —
" " Merchants Baine 250 " 2 "
Boston Portland Baine 100 " 1 "
Boston to Halifax Morse 800 " 1 "
E & M fr Bu to Au 800 " 2 Wire to V & bal of way
Mag Tel Co N Y to Wash 250 mi 7 Wires —
Cleve & Cin ~~250 " 2 Wire~~
Cin St L 400 " 1 "
V to Pitts 150 " 1 "
V " Zanes — 150 " 1 "
Au to G. Bay —
" to Madison
Ch to Galena
Ch to St L
Bos to Burlington
" " Rutland —
Prov to Newport & Newbedford
Roch to Dansville 50 1 Wire
to Coopcestown

L Turnbull
14 Sund 1852
Day

[New York, June 14th 1852.]

[Dear Sir] Your favour of the 11th inst is at hand this P.M. I suspected that Wood would be telling hard stories about me and to keep you posted up. I left a despatch at Owego for him which I supposed your or your folks would see as it passed De—

I am not exactly prepared to settle accounts in the spirit world yet—not expecting a call from that quarter I have not, got my accounts posted up—

Your sending the $500 is a capital way to sustain your credit,

I am glad to see your faith improving in reference to E & M Line. I have never yet doubted that we could in the end out live our oponents and come out ahead,—

I am sorry that Baily cannot help you sooner than July, as the fac semille is on the assendent in importance every day—

I hope to get money of RR Co soon—Ramsdall promised to have it put in shape next Wednesday—

[Mr Chester & myself had a meeting with Greely at his house this morning. He is with us in his feelings—He is however afraid of the Morse patent under Kane's decision. He says if it can be demonstrated that we can steer clear of Morse patent, the enterprise is a good one, and there will

be no difficulty in raising the money $300,000.+ He said his money went from him easier than it came – but he would give the enterprise a lift. He values the importance and magnitude of the enterprise, and has no reasons to lean toward Morse & Co.+

Chester, who knows Gilly well, felt satisfied with the visit, & says we will get him in.+]

This P.M. McKinney went with me to introduce me to Wilson G. Hunt the head & front of the owners of the Boinn line under the new purchase, he was not in, but I shall see him soon and will learn what shape that concern is likely to assume McKinney is very enthusiastic about the new system and said to me this afternoon that if that facsimile will work sure and stable so that "checks" and orders for goods & purchases of all kinds can be sent then will new business enough of that kind spring up at once between Ny & Boston to employ 5 wires, and I can have no doubt of it, knowing that now the business public have very little confidence in the business now and are afraid to risk their operations through the Tel, but if a merchant can draw his check & have the exact facsimile copy of it transmitted by Tel it is safer than by mail and business would soon be done in that way

This invention if as successful as we both believe it may be made is worth one million of dollars, and the parties controlling it would control all the telegraph business in spite of any

of the old system —

[You are entirely right in not neglecting the E. & M. line for any thing new — and at the same time it is important to develop the new system as rapidly as possible. If we could get it so far perfected as to get out a patent safely, and secure every thing vital to its success, it would be an important step, and would aid me in getting the funds to carry it through. # Greely said to day, that a patent was a degree of evidence at least that it did not infringe Morse. He spoke about a caveat. I told them I had as lief as have write to Kendall, Morse & Smith, giving them a full description of it, as to enter a caveat describing it — If I should enter a caveat, it would be a decoy — the same as I entered before.

Yours, &c.

J. J. Speed, Jr.

E. Corrill.]

en

Detroit 16 June 1852

Dear Sir

Yours of the 13th came today - glad to hear from you, as I feared you might be sick yet - I have never had much faith in your getting money of Ny & E R R Co's but you know how to manage them better than any other line man and may do what no one else could -

I wish I was in a situation to make the instruments we need for a trial; but it is out of my power to do so until Baily can help me, as there is no one else in this city who could do it if they tried, & Baily cannot do anything for me until some time next month - Our line is down today between Maumee & Sandusky and the operator at Fremont gone so that we may not get up before night - The storm last evening broke us down, other line in same fix - This is the first time we have been down for weeks -

Haxton made a mistake in not buying Bain line - Smith may beat them

in Sait; but it will take longer to do it, than it ought to take to get boys enough out of his young wife to work the line.

I do not know as Sturges will except the draft I sent him. He may sell the stock by pothecated to him; but if he does I cant help it, as I have borrowed all I can, and cannot pay until we can earn the money. I still think we can pay up by 1 Jany nearly or quite all we owe. If you draw on me in favour S & Mill, drawn me in my individual capacity and I will accept for any amount; but if you draw on me as Pr of our Co, you ought not to draw for any more than is due deducting draft in Elys hands. I have not heard from Ely but have expected he would be down on us before this. If he will keep quiet a few months more, we will be ready for him.

I have been looking over Smiths last contract with O'Reilly

and find that Smith has sold us out completely - no reservation whatever of E&M line: but a promise to Dud to Rochester pirates by their giving him 1/4 of stock - I see too that Smith has surrendered all the territory to O'Reilly for 7 years, which is several years longer than his agreement with Kendall Lasts - on the whole, I think the business is in about as bad a snarl now; as it is possible to make it, and all the judges, Lawyers, divits, & Saints, this side of tophet could not unravel it - That we will have a fight with Smith, is I think inevitable, or abandon all our interest to him - I am not sorry that I ever had anything to do with the thing, as I might not have done better at anything else: but I would gladly now get out of the scrape, and go to Rail Roading, or something else, where there is a chance of more pay, and less fight -

I will have the list you mention made out for you -

Yours truly

J. J. Speed

The Snow line sold through Cook Co is the line from Monroe to Chicago = I think I could make a bargain with Southern RR Co if the cursed Patent was settled: but O'Rielly claims to have the exclusive right under Smith to sell the Patent to RR Co, and at the I claim that we have the exclusive right between Toledo & Chicago by all routes. The Directors are as much puzzled to find out who is captain as Loder is in relation to Line on N Y & E Road - Do you know anything about Kendalls application for renewal of Patent? He told Wade he had

made application for renewal -

Narrowsburgh June 18/52

E Cornell

Dr Sir

Things appear to go worse than ever, as it is just one week Last night since I left NY and not a soul has been able to raise NY since. Wednesday night we broke down between here and D and yesterday I sent over my section and requested Coleman to send out He did not answer me till this morning and then, says "he cannot send out without he has business enough to pay expenses - While I was in NY I received two or three messages a day from him, but when it comes to the sending out he has done no business - Now I wish to know if you have any objection to giving that office to the Operator on the RR Line - For my part I have stood such performances as long as I can - It costs me about twice as much to go to D & go out on the line as it would for him

say nothing of the delay it causes - He is perfectly indifferent & will not even say whether he will or will not until asked half a doz on times the breaks on this section do not average once a month, and for him to say he does not do to the amount of $1,50 or 2,00 per month is all stuff, and such penny wise and pound foolish men we do not want any longer. He would save business enough to pay expenses by sending out immediately. but instead lets the line lay down & looses the business both, besides the effect it has with his customers - I will see if I can get Chapin's permission, to move & want your reply immediately. Also let me know what you have done with Ramsdell - The first of July as well as the first of June will come before I shall get any money - What is trouble with Line east of W. David says it is all ok to the river -

Yours Respectfully
P. A. Hopkins

P. A. Hopkins
18 June 52

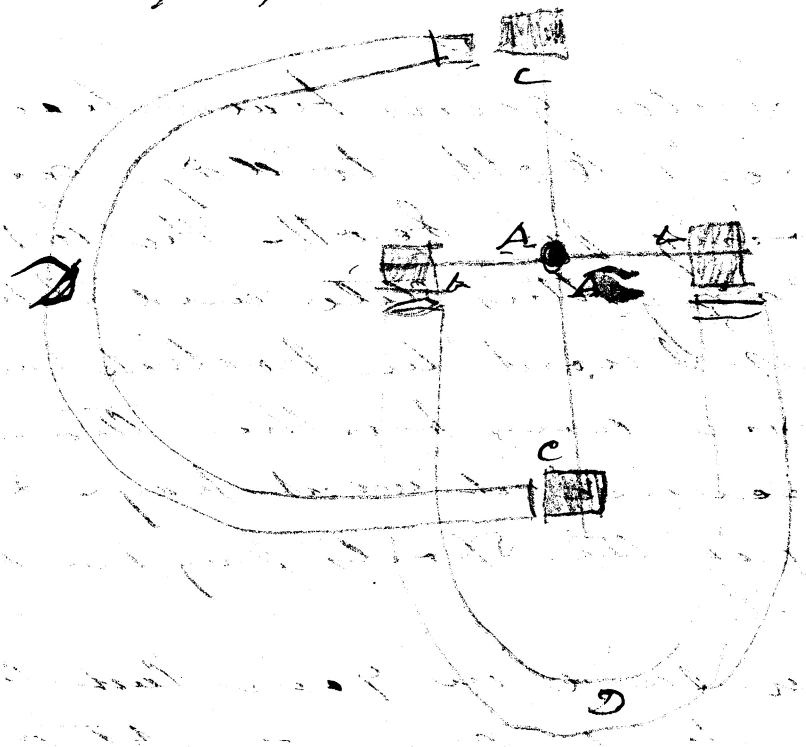
Detroit 20 June 1852

Dear Sir

Minute guns have been fired since I left to day, as we are still going for Scott. The whigs mean to carry this State and I hope they will; but I wont be foolish enough to help them any further than my vote - because it wont pay. Let those who get the Spoils pay for the powder -

You said in your last letter that Greeley had some doubts about using a recording bill, on the ground that Judge Kane decided it to be an infringement of Morses Patent. I now propose to show you how to get over that - Morse claims "the motive power of electricity, which I call Galvanism, to actuate or give motion to machinery, which may be used to record it" - If I can record without using the "motive power of electricity" - I have a right to do it - I therefore propose to use the motive power of a permanent magnet, acting on a current of electricity -

build a frame precisely like those you made with the large coils - on the upright post A - there are arms b b to



on the ends of these arms, (which should be brass or wood) there are helices only - that is the wire without any iron in the centre - There are two powerful horse shoe steel magnets D, D. - When the circuit is closed, and the current flowing round the wire one pole of each magnet will attract and the other repel - the instant the current is broken - the magnets have no influence, as the copper wire cannot be made magnetic - the

is the current of electricity alone, which is attracted & repelled by the magnets — The Electric current is not used to actuate the machinery; but is itself acted upon by an other power — The current is the armature, and the motive power the steel magnet — More. Claims the motive power of electricity — I say do not credit. The electricity is passive — inactive — does not give motion to anything: but is acted upon by the magnets — Morse does not claim that property in the electric current which makes it susceptible of being acted upon by a permanent magnet, but I doubt whether he knows the fact, and I am by no means certain that it is mentioned in any work on the subject — most certainly it has not been applied to Telegraphing — I therefore claim as new, & patentable, the application of permanent magnets, to attract and repel a current of electricity for telegraphic purposes —

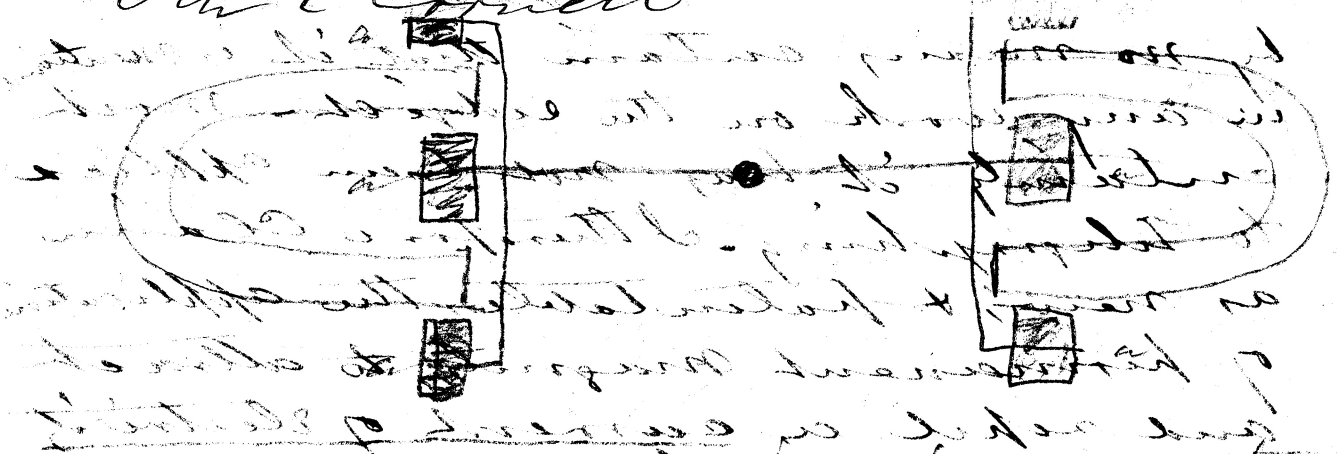
You may ask will it work? I say yes with as much certainty, as the present method, & in some respects better, as there is no sticking of the magnets

There would be no "temporary suspension of vitality" in the iron, as there would be no iron acted upon by the current —

I do not know how fast it will work, nor do I know as the man I send you is the best, perhaps not, but this is the way to avoid Morses Patent — If it will work fast enough for the fac simile Tel, we are in Town — Let me know what you think of it —

Yours truly J J Speed Jr

Mr E Cornell



This is the same thing in an other form — the heaters [illegible] must all be wound the same way, so as to be attracted & repelled by the Steel magnets In this way the Steel magnets would be far enough apart, so that one would not effect the other —

To the business Men of Bath.

Gentlemen

The Directors of the New York + Erie Telegraph Co have decided that it is necessary to put the second wire on the Eastern portion of the line, thereby increasing the facilities of the company to meet with promptness the wants of the community Telegraphically.

This will enable the company to add several more offices without detriment to the present line, I will therefore propose to you, that if you are desirous for the establishment of an office in Bath, and will take forty shares of the stock, of fifty dollars each, the Telegraph Co will Establish and maintain an office in your village,

The new stockholders will enjoy equal advantages with the old or original subscribers, The Telegraph Co is being organized under the laws of the State, thereby becoming a Corporation, and limiting the personal liability, (See provision of Telegraph law passed April 1848) The certificates for stock will be issued under the new organization.

E. Cornell

Pres't N.Y. & E. Tel Co

John Magee

C. Cooke

New York June 20. 1852

My Dear Mary Ann

I have been indulging to day in an excursion to Staten Island, I went down with Mr Bebe in the 11 A.M. Boat & back about 3 P.M. It was a delightful trip as you are aware, the weather hot & Water smooth as glass. I should have been very happy to have had you & little Mary as companions for the trip.

The weather has been very hot the past week and I have worked hard, but have been quite well.

When "Mart" got to Detroit he told Speed that he left me at home sick and he did not think that I would ever get out again, Speed was alarmed and immediately telegraphed down to find out and in five hours got answer from Binghamton that I had just passed that place on my way to N.Y.

L. G. Tillotson was at my last Friday & sent up by him a basket of fruit in which was some bananas, how did you like them, The strawberries were acceptable beyond doubt,

If I had funds to spare I should take

pleasure in sending you many things that I cannot,

How about that barn, has father seen Johnson to see for what sum he will fixit,

Write me,

Yours Affectionately

E Carroll

M.A.C

New York, June 21, 1852.

[Dear Sir—]

I hasten to inform you that the contract for consolidation between the Baine line from N.Y. to Portland & Smiths line for the same distance were executed this day—

Between N.Y. & Boston Smiths line is put in at $200.000— and the Baine line at $100.000, — between Boston & Portland the Smith line is put in at $50.000 & Baine line at $30.000, the companies to be organized as one on the 1st of July next, a new man to be agreed upon to be made President, Smith to nominate 4 directors & other party the same number, McKinney to be the superintendent, the price to be 25.72 to Boston or to intermediate places.

This is a glorious strike for Smith, Smith proposes to Faxton or said he would write to this effect. That Faxton take all business for points on E&M line and north of E&M line and have all from same points. the N.Y.&E. line to have all that goes off south of E&M & all from those places. all that Faxton takes in for places assigned to N.Y.&E. to be passed over to N.Y.&E. and all N.Y.&E. takes in for Places assigned to F

to be passed over to Hopton. Smith asked me if I would assent to such an arrangement I answered no as it would give Hopton too much. What say you to it.

I saw Wilson G. Hunt again to day — he says the House folks are anxious to consolidate with Bain line, and that Judge Seldon is to stop on his way home from Baltimore to see them on the subject.

Wade writes that Seldon has written to him making the same proposition.

I have seen Mr Marsh. to day and explained to him what Mr Loder said about his & Minot settling my matter. he said he would see Minot to day on the subject. I have been to Offs to see Minot but he had gone out, but I learned from his Clerk that Marsh had been to see him and they had a long discussion on the subject, but I cant learn the result yet, I hope it is all right.

If I dont get this money I shall make a desperate effort to negociate a loan, for the amount somewhere.

Chester is anxious for an instrument upon which we can try the fac-simile on a long Circuit. I will have the Helix & piston made here by the man that

make the house instrument, and then I will have the syphon attached to it so as to have that part of the apparatus adjusted for the other parts that you can be getting made in Detroit.]

Gen. Scott nomination is satisfactory to his friends but wormwood to the Silver-Grays I have many of them swear they will vote for Pierce in preference to Scott,

Very hot weather, hard work to keep Cool, I continue quite well, although not quite my accustomed strength & endurance

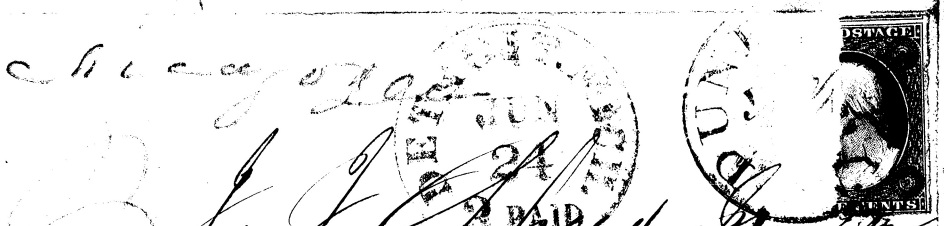
[Yours Respectfully,
E. Correll.]

E Cornell
June 1882

Mr

Mr Cayo 202

J. J. Ashford Jr Esq



~~Detroit~~

~~Mich~~

DETROIT MICH. JUN 24 3 PAID

DUNDEE

POSTAGE

CENTS

Danville June 22nd 52

T. E Cornell Esq

Dear Sir -

I enclose Stmt for May. There is £74.48 due and other Lines. The Line has not worked since the 3rd of June. I have sent out twice But none one else dont send. Please remit Amt due at this as soon as possible. I expected it the first of May. You said in one of your letters that you could likely start at that time But I have received nothing. You say in answer to my despatch concerning the Bath Office or insinuate I am playing an underhanded game. I can inform you the Bath people never said word to me about opening an Office then or to them & had mentioned it to no one when I wrote you. I have had no correspondence with any one but yourself & am very glad you conceived it to be your interest to refuse me, Although it might have been done in a more kind & gentlemanly manner. I am very sorry the Line does not get at work again. I hope it may soon

Yours in haste C M S

New York June 25. 1852

Dear Alonzo

Enclosed I hand you a note for $350. for the renewal of my note at T.C Bank for $375. You will please get your Grandfather Carroll & Mr D.T. Tillotson to endorse it and hand it to Mr Williams If he wont renew it then he must see it, as it is out of the question for me to pay it now.

I will write Williams on the subject I have not got my negociation closed yet with R.R. Co for the money to put the line in shape with, but I have got Mr Marsh the Vice President of the E.R.R.Co interested and he assures me today that he would have the matter disposed of next week and had no doubt the Co would accept my proposition. Minot also told me yesterday that he thought they would accept it, Ransdell says the same, but Mr Soder is so pushed on all sides with business that it is very dificult to get his time long enough to close it up. Mr Adams will have it disposed of some way next week.

I should enclose the money with this to pay the $25. on the note & the discount

but the man of whom I expected the money is not in to day and thus I cant enclose it I will however endeavour to do so in time for you to get it by the 26th but if anything should happen to prevent it I want you to borrow it for a few days and get the note fixed if the Bank will do it. I will see that the money is there in a few days if not by 26th

Let me know the disposition of this matter as soon as determined,

I think my health is improving, but I shall have to go home soon to get another plaster on my back-bone, as the old one begins to evacuate, tell mother to have one in readiness for me,

Yours Affictionately
E. Cornell

A. B. Cornell

E Cornell
My June 25/1883

Chicago 23d June 1832

Dear Sir

Yours of the 18th came today I came here expecting to meet Hotchkiss but he has not returned from Greenbay - He is trying to resuscitate that line - I want him to finish the leal of our line on R Road - we got on R R from Mich City this way 4 weeks ago last Sunday and have not been down one minute since - our line works right up to the mark all the time - Line North is also working well, and so is Hotchkiss line as far as Madison -

I think I can get Baily to help me get ~~a pooth~~ for Smile Tel in July, and have it ready by 1st of August - I am as certain as I was once that Johnson & I could make lead pipe, that we can do all we promise - Since I wrote you from Detroit I have been thinking more about the plan I sent you for using permanent

magnets as the motive power and the current as the armature - If I am right in supposing it would be no violation of Morses Claims even in the broadest sense he can claimed the use of Electricity, we can certainly use that power to advantage - We can use one permanent magnet to close the circuit around the helis of an other permanent magnet, and get a power equivalent to Morses Local circuit - You can readily see that if the main circuit can be made to move the helis at all, (and I say it will, with as much power as it does an armature with the present arrangement) we can use the first helis to close ~~the whole main battery~~ a second circuit and throw the whole main battery current through the helis of a second permanent magnet - If we have a right to use this power to record - we have a right to use as many magnets in that way as we please - Morse would claim dots & lines - but with your independent

circuits we could use Stenhiles alphabet - provided the facsimile does not go to suit us; But if we can make the Pulices work fast enough then we are in Town not only with the best Telegraph but one we have a perfect right to use & no thanks to Amos.

Yours truly
J J Speed Jr

Chas E Cornell
N York

The Public Houses here are so filled that it is difficult for a Stranger to get a bed - This is truly a great Country, and growing bigger every day

Best Quality Telegraph Wire No. 9. 4¼ p
Do — Galvanized 2⅞ p per lb extra
Do — in Canada about 3⅛ p per lb
Cast Steel Wire No. 16 — 34 p per lb.

James C. Monks

218 Pearl Street
New York June 24th 1852.

Cornell Esq
Dear Sir

Above please find price of Wire according to your wish I am surprised to find that the extra for Galvanizing cost so much, I shall write the English house about this point and call upon you on receiving a reply — I shall also write for prices of Cast Steel Wire and call upon you as soon as I receive the particulars at present I dare not go below 34 p as above

Soliciting your orders

I am Yours Most Respect
Henry I. Ibbotson
per Sam F. Ibbotson Att

Hanover Street

Ogden June 24th 82

Dear C. C.

yours of the 18th was Received yesterday and I hasten to inform you how I think the matter Stands in regard to the Mortgage Sale. when I talked with Southworth & Johnson about the postponement of the Sale they were quite willing on a little reflection to postpone but Southworth said he wanted the money I told him he could have had it long ago if he would have made the assignment of the Mortgage to me and he said he was under the direction of Schuyler & Johnson not to assign it to any one for they wanted that matter closed up he said he had no intention to injure you and I think he has not but if he could get a grab onto me he would do it. he took his pencil wrote down the time of postponement and agreed to inform his attourney and I think all in good faith. I will go down this afternoon and see about it & wheth it is done

now the way Johnson talks to me is that you have not done the first thing about daing with him as you agreed he says if you had that would all been closed up while Schuyler was there and would not have cost them any thing like what it will now, and says you must survey and make him a title to the 3 acres you agreed to, and also the rite of way through the field to the Road. you talk in your letter about my buying it off that is all idle I have not a Scrap to show that I have any thing to do with ~~and have~~ it and if I should attemt to do so they would run it up to any amount they chose and if they could get it onto me for a big Sum they would no doubt like to do it, and I should have to stand it, Johnson knows that he is perfectly Safe to bid any amount as he is an administrator and the Surplus money must go to them and under the circumstances my opinion is that unless you attend to it your Self and perform on your part that they will manage it So that you will not get the land nor any thing for what you have paid, for Johnson appears determined

as he talks to me to insist on your coming
rite to the Scratch and you kneed not expect
him to purfect a title to you or any one unless
you do. and as the matter is, you must not expect
me to attend the Sale or get into any muss about
it as Johnson talks the matter up to me. and if
I Should send the Sale had not been postponed I will
let you know in this letter but I feel very
Sure of its being done. I felt So Sure that I
wrote Orren immediately about it that
he kneed not Send funds before he come
as it would be Soon enough then. I received
a letter from him yesterday Saying he Should
be thought be here about the 5th of July
and that the great fire in Montreal
had dis appointed him in the collection of
$1000 he Says however he can furnish 8 or 9 hun
dred So you will have to provide means for all
over one thousand to meet it. I have written
in much hast as you will See by the many words
added on reviewing yours Respectfully

Benj Wood

E. Carnell Esq.

B. Wood
24. June 1852

I am now at your House all
well as usual I have just examened
the Chronicle and find the Sale
postponed until 27 of July Same
place and Same time of day and
you must attend to that unsolled
business your Self Yours truly B, W.

Narrowsburgh June 24th /82

E Cornell Esq

Dr Sir

Yours of the 19th is at hand & I regret very much to learn that matters are no farther advanced than they were 6 weeks ago when I saw you in Ithaca - If the R R Co intend to do any thing it seems to me they are very dilatory & it looks to me as though they were trying to avoid the matter entirely. If they are not going to do anything. is it not our best policy to make efforts to raise it by subscription at Elmira. Corning Bath and other points where they are not as sore on telegraphing as in other points on this line For Gods sake do not let us loose the whole summer in dallying with them, & have the fall upon us with our line in the condition it is now - I am ready to go on line with a gang of men or with another man as soon as you will furnish the funds, (if necessary) and go to repairing - Mr S will attend this office and I can be

P. A. Hopkins
June 2 1882

be spared as well as not— and a very short time will suffice to put us right with plenty of funds— Why not raise some to commence repairs with immediately in the way that I have mentioned and when the Co. get ready to pay us the 5 thousand we will find use for that—

I noticed in the Herald of Yesterday that there has been a grand consolidation of the O'Riley Suits including also the magnificent Co. to Washington— It strikes me that unless Smith is successfull in his suits against O'Riley, that your speed must suffer some from the consolidation. as it will give them a standing in N.Y. & other large cities, which will enable them to almost to bear down opposition. Please give me your views & the results &c on this subject— & when this Main office is to be kept— Coleman has connected the wires outside his office & I have not been able to make any arrangement with Chapin for that office as yet— They are not willing to agree to keep so long a section in repair— Write soon

Yours Truly

P. A. Hopkins

E. L.

Chicago 25 June 1852

Dear Sir

Edson, of the House line, is here. He said to me last evening, that the House folks had proposed to consolidate with Paxton, & buy up the Bain line, and he wants us to say what we will take in cash, for our Lake line, giving the purchasers all the rights we have, and assigning our contract - I told him that we were in the market at a low figure. He said that he asked the question in good faith, and in confidence, and if we would sell out, at a fair price, the money could be raised - I told him I would think about it, & let him know - Now if there is any chance to make such a sale, had we not better do so? We have, I suppose, some where in the neighborhood of - 85,000 in E & M line - $15000 in Cleveland & Cin line - say 15,000 in C & St Louis line, $9200 in C & Zanesville line, about $10 000 in C & Pittsburgh line - In all, say 130 to 135 000 - What shall we take for the whole in cash

I do not take into consideration the $30 per mile which Smith claims, but will never get - How much cash will you take for your whole interest in all the lines I have named, and you have the whole of N York & Erie, and all others, if any, in which we are interested? I would like to see you get, not only your money back; but a big pile besides, and have you out of the clutches of the devilish jews & shylocks - I would like to be in the same fix myself once more, before I go to the Spirit world - I think Edson is in earnest, but doubt whether he could raise the funds -

If we could sell out & then make our fac. Simple plans go off, we would begin from the stump, & go right next time - our Line was never doing better than it is now, nor will it ever work any better than it now does - Hotchkiss has not returned from the North, I will remain here until he gets back - I can do more good on this end of our

line than anywhere else - We are now getting Tamarack poles to supply the place of defective ones on R Road, through Mich - Poles cost 20¢ on RR & RR Co furnish us cars & Locomotive free -

Write me on the receipt of this, as I think it not impossible to effect a sale to Fuxton & House tribe - Rochester tribe have not filed their bill yet - They are in trouble - Their line works hard, & they have no means to renew it -

I could close a bargain with Directors of Southern RR Co, if it was not for the cursed Patent question - They are afraid of law suits -

Yours truly

J J Speed Jr

Mr E Cornell
Newyork

If you will have the House magnet made & send it to me I will have all the rest made early in July - I will try my Helices, as proposed in my last letters

See Chester & make him understand the plan I propose and learn what he thinks about its being an infringement of Morris's Patent

I am anxious to satisfy just such men as Greely, that we have a Tel of our own, about which there is no dispute Bain never obtained a Patent for a fac-simile Tel, here or elsewhere for the simple reason that he, nor any one else, ever made one work - nor is there any known way in which it can be done except by the use of the water gague as I propose or the pendulum as I proposed neither of which Bain or any one else ever tried - I do not ask for a Patent for a fac-simile Tel which shall exclude all other ways of doing the same thing

But I will ask & get a patent for the way in which we do it -

Spec'd 25 June 52

Phila June 14. 1852

Ezra Cornell Esq
President of the Erie
Telegraph Line (New York)

Dear Sir

Being about to publish a list of the Telegraphic Lines of the world I am desirous of obtaining a correct list of the number of Miles of Telegraph in the United States with the number of wires. I applied to Mr Swain of our city who referred me to you as one who could give me the information

by so doing you will much oblige your Obt. Servant.

Lawrence Turnbull

Address
Dr L. Turnbull
Franklin Institute
Phila