Dec 2, 1845

A. O Reilly

1845 Dr E Cornell Dr

Dec 2.	To	50 large zinc fillers	10¢	62,50
" "	To	12 small do	6¢	9.00
	To	5 doz Bonus cups	8¢	5.00
	To	do do small	6¢	75
	To	6 doz Tumblers — —	10¢	7.50
	To	2 Boxes for packing	8¢ —	1.00
	To	insulating 8 days work —		6.09
	To	Diagram showing Connection with relay magnet Morses plan		10.00
				$101.84

By Cash in November 100

Balance 1.84

Sir On receiving your letter of Dec 30, this morning I discovered that my copy of the former bill sent you was added wrong; (whether the bill was so or not I am unable to say) which left me in error in regard to the balance, Above you have a bill of such articles as you appear disposed to keep, which leaves a balance due me $1.84. If you return the diagram it will leave a balance due you which I will remit, on the rect of the returned articles,

I will now answer your satisfactory letter I will in the first place knock out the foundation upon which you seem wholly to rely, by informing that I am not, "Morse's Telegraph Agent" nor the "Agent of Morses Telegraph System" nor have I ever been or sought to be, or pretended to be,

You say "And the relay magnets of a character not only different from, but (as you claim a Patent thereon) actually hostile to "Morses Telegraph System" now in answer to the above extract, I will in the 1st place inform you (if you do not already know it) that Prof Morse had already (before you engaged magnets of me) abandoned his own relay magnet, and made arrangements to use the invention of Dr Page

one of which he carried to Europe with him last summer. In the 2nd place I will remind you of the fact that I mentioned this to you, and tried to explain the advantages of Page's Magnet over Morse's to you, also the advantages of my arrangement over either Morse or Page, and that you replied to me was that you did not understand enough of the subject to appreciate the differences, and desired me to furnish you such as I deemed best suited to your wants.

I will now make an extract from an article I have signed by Mr Rundall and Mr Smith, which will show you that I had a perfect right to furnish your company with my improvements,

Extract

by the above you will see what I have agreed to do, now I will refer to your remarks in your former letter, you say you have a right to all of Morses apparatus for Telegraphic &c "that I deny true, but what is morse's relay magnet used on the Washington & Baltimore line? it is good enough and works well, but to make one like it costs no of wire, worth coden 50 cts per lb at least (Dr Page I understand how 75 cts per lb for coil), besides other fixtures, such a Magnet would cost near $100, each fountains what I charged you for magnets with equal pours I therefor surpassed it was not your interest to have Morse's magnets furnished, Dr Page's magnets would have answered your purpose as well as mine, but that I had no right to make or furnish you, and if I had it would have cost as much or more as I charged you for those I did furnish

I learned from Mr Rundall early in Sept last that Page was to furnish a pair of his magnets for the Ry to Phila, but I have not yet heard of their completion so I judge you would not have got a supply very early from him, if you had applied to him instead of

me, As for as I am concerned I have acted in good faith towards the proprietors of Morses patent and for what I regarded to be your best interest,

The defects in the register no one regretts more than I did, the cause I explained to you, I shall be very much the loser by trying to oblige you, and my only wish now is to get the articles back and the matter settled, in future you and I wont have any misunderstanding,

Your ignorance about your own affairs is a matter I have no interest in and concerns nothing about, the casual remark I made is correct, and I have no doubt that Mr Stephens statement to me was correct,

In regard to your extraordinary letters which I refered to in my last, and of which you speak in your last letter now before me, I think you will agree with me under the knowledge that this places you in the possession of, that they were extraordinary letters, it is evident that you have been advised in regard to my position and rights, or otherwise you desire to quarrel with, which of the two I shall probably soon be able to judge,

Yours Truly

Mr H. O'Reilly

Copy of a letter to
A. O'Reilly Jan'y
2, 1846. in answer
to his of Dec. 30. 1845

Office of the N. Y. A. & B. R. Y. Co.
Albion Dec 15th 1845

Mr Carnell

Sir

Yours 30th Instant is duly rec'd and in answer thereto I say that I am sorry you Cannot Run on at Albany, but will say Make such a Solution as will answer our purpose ~~Station~~ Boat as any rate when we shall be able to Get better accommodations

We Mean to Get the Line from Albion to Falls in Operation as Soon as possible, So that we Shall be in want of Some Many Tools to work with, very Soon.

I expect Mr Wood here very Soon and Shall Put him to Making Some Many arrangements for Operation at once,

I also think I Shall Leave the Levins of Mr Carlton, So that if you do not Look out Boat Shall begin to Work between Albion & Albany before you do on your R. & P. Line I hope You will forward the Iron as fast as it Come to hand, Will Leave you Some in the Course of 2, or 3, Days; Send your Materials for Boat out.

Respectfully Yours

S. Eaton

EXPRESS MAIL

5

E. Barnum Esq
No. 10. Wall St. New York
Car Livingston & Wells

Postage
3 Cents

Washington Dec. 3d 1845.

E. Bonell Esq.

Dear Sir, Enclosed you will receive Corcoran and Riggs, draught on the Bank of America for five hundred dollars ($500)

Your of the 2d is at hand. I think most of the breaks of wire arise from its having been put up too tight, no allowance being made for shrinkage in cold weather. Some of the cases look like design, especially where the wire is carried away. We must endeavor to detect the thieves and prosecute them for larceny. If the line were in operation, I think there would be less danger to it.

Could you, if necessary, send experienced hands to Somerville to put up the wire westwardly, meeting Mr. Goell from Philadelphia?

Mr. Vail tells me there are ten or eleven reels of wire here and in Baltimore which can be had if necessary. If the completion of the line can be expedited by it, I will send it on.

Please send me a statement of every thing you have forwarded to Mr. Goell and where sent. When you send any thing, no matter under what circumstances, you should send at the same time, a letter of advice, stating the number or quantity, &c.

I hope to hear next of your telegraphing from Newyork, to Patterson. We shall not have funds to work with much longer.

Yours truly
Amos Kendall

Kendall
Dec 3/45

Buffalo Dec 4/45

Dear Sir

Yours of the 30th Nov is at hand & from which I learn you not yet received the amt you have advanced for the D & L Line. Why this inattention I am at a loss. Concive & did suppose when I wrote Mr Livingston the situation of the matter he would at once attend to it even if Mr Wells was not there, under such circumstances I am not at all surprised you do not send the Paper, if I had the money I would send it but I have not, I am now using paper 4 to 5 times over and my stock of that kind is nearly exausted then we must stop unless we get down supply from N York, I wish you would speak to Mr Livingston about again and see if he will not send it

As Mr Wood wrote you our line has worked finely for over 2 weeks without any stoppage the many difficulties encountered at the start we have overcome by constant & close attention, I have one of the instruments you left at Utica which I have put in the place of the Attica and it works much better with less cups in the local battery than the Attica one, I am not troubled any now with my battery the fires

have got so thoroughly amalgamated that is no action going on in the cups but 7 or 8 of the jibs do manly cut up White others remain perfect as when put in first

the opinion I have had time I think will be of much value to me if I should continue in the business. Which if I should I hope to work for a company that will be more prompt than the B & L Co have been but I hope & trust Mr Wells will make all "O K" if he can get quieted down & over excitement

I am inclining to the opinion that the naked wire will work well in all weather if good Saturn Instruments & Shiffus Spirators are used but of this must be clear or it must work

Very Truly Yours

Saml P Carter

E Connett Esq
10 Wall St
New York

S. P Carter
4 Dec 45

Office of N.Y. and Brooklyn M. Tel Co
Utica December 14th 1848

Dear Sir

Enclosed is a Draft for $82
Cannot be spared us from Patients
for our Furnace & Lightning benings which
you lent him.

We intend to run the Line in Section
from this to Little Falls very soon—

Snow is now about 18 Inches and
Snowing now, but we intend to get
into Operation Through to Albany by
the first of January. 1849.

Respectfully Yours

Livingston Esq
New York

S. F. B. Morse

Thanks
& Beats—

C. Simpson Esq
No. 10 Wall St. N.Y.

[Dec 6, 1845]

Lancaster, Dec. 6. 1845.

E. Cornell, Esq. Newyork.

Dear Sir Please forward, by return mail, the diagram you promised; & please show distinctly the connexion with the Relay magnets, which is not mentioned in the Instruction. We will rely on receiving this by next mail.

Also, please send us a quantity of paper-tape dyed; & let me know where it can be had generally.

The box with the glasses has not yet reached us; but it perhaps will.

The instruments are, as you say, low enough; but I suppose he could not afford better. Please thank the man who is making some for me; for when I get better, I will set these aside till we can improve them. Please let me know how soon.

I will remit you in my next. Excuse haste. Yours &c. O'Reilly

P.S. I will pay you postage, but cannot always find the office open to do so when I write

H. O'Reilly
Dec 5. 45

E. Conner, Esq.
Agent Telegraph
at Fin. & Hotels Eastern office
Mew York.

LANCASTER PA.
DEC 7

New York Dec 7. 1845

My Dear Mary Ann & Children

I am happy to be able to acknowledge the rect of an other letter from you, that of Nov 30. come to hand a day or two since, and found me well as it left you,

I hope you may yet be able to get away long enough to make me a short visit but if you cannot I must be content, and strive the harder so to shape business as to visit you,

I can assure you that I appreciate the motives that could prompt you to forego the pleasures of a visit to a husband you love so devotedly, The duty of the mother outweigh the affections of the wife, that is a heavenly implanted virtue in the brest of woman, I would not seduce you from that duty, I only hoped you might make such an arrangement for the care of our dear children as to enable you to leave them for a short time without throwing too heavy a burthen on our friends, I know you will do all you can concistantly with your duty to gratify both by the visit,

I have heard nothing from Orrin since I wrote you, I wrote him to Ithaca by Mrs Eddy have not heard whither or not he has left Lockport

I rec'd an apology for a letter this morning from Merritt L. It was very acceptible as it informed me that you were all well,

I have already written Merrit in answer to his unexpected letter, I have beg it that Elmina is unwell which I am sorry to hear, and also that Miss Edith is up on a visit, when she visits you, you must give her a kiss for me, and get one for me,

The paper you sent me was not the one I wanted and on reflection, I think I let the one I want go into the hands of a man in this City who I made a contract with 2 years ago to build one of these machines, he has since run away, and I cant get track of him, Mr Beebe is poor and his necessities cause him to act as he does in the matter, I am sorry to hear that Father is so annoyed by it, I hope soon to be able to get the matter straightened out so as to prevent all occurrences of the kind,

Do you hear any thing yet from Mr Eddy and the Ottawa & Auburn Telegraph Project, you must keep me advised of the gossip on that subject,

I am bound to make a thousand dollars out of that operation but this I say to you in confidence and dont want it to go further at present,

I have not sent the money yet to pay that note as various causes have unexpectedly arisen to delay my getting it but I think I shall have it this week and will send it as soon as possible,

This morning I regaled myself with a warm Salt water bath, have given a pair of old pants and drawers to the poor, and might do so by all my cloaths

as they are old and raggid enough) and have had a fine Codfish dinner, to secure that I bought the Cod and instructed the Cook in its preparation for the table, and for the first it was very well got up, We now have the Luxuries of a Codfish dinner every Saturday, I have recently got them into the way of Cooking "Pork & Beans" one in a while, which are impruvements to me in the department of living over the Frenchmen System.

I have just learned that none of the wire have yet been put up on the Phil Hoff of our line of telegraph Mr Kendall's Man who he was agoing to have but me so much in the construction of our line has dodged off my mettle, now Mr E. asks, me if I can send some Experienced hands to Summerville to commence them at putting up wire and work westward mettle we meet Mr Gorell. I shall send on hands tomorrow for that purpose, my wires has been up for the last 3 weeks. I So you see there is no chance for me to tell when I cought home as it is impossible mettle this line is at work,

We have had a week of winter just past, and sound weather too, It's warmer to day and I hope we may have a second edition of our Indian Summer,

I shall probably see you here or hear from you again soon by letter, I hope it may be the former but I from the letter, Adieu

With affection Yours
E. Correll

Mrs E Cornell
Stamford
N.Y

Dec 7th 1865

Buffalo Dec 7/45

Dr Sr.

My attention has been drawn to the subject of Magnetic Telegraph business in the Canada's and am desirous of ascertaining what is the situation of the Patent; Whether Prof Morse & associates are prepared to grant the right of building in the two Provinces. & if so. What steps is necessary to take to obtain the right. I have had some talk with the Canada Gentlemen of standing who are desirous to have Telegraphic facilities.

If you will do me the favour to give me information which you will readily give I wish to get, you will very much oblige me

At same time please give me your views touching the matter,

I wish to keep this matter perfectly quiet and have nothing said on the subject to anyone

Yours Very Sincerely
S Barth

E Carrell Esqr

P.S.

Pleas answer at your earliest convenience

Answered Dec 11/45

E. Bonnell Esq
14 Wall St
New York

Phila. Dec. 9/ 1845

Friends Connelly Sons Letters of the 3rds inst. has just been received in answer to which I write presently to you a fulle inventory of the "Bills of Lading" — and Goods I have received

1st- Oct. 18. 1845 A Bill of Lading for 450 Telegraphs Caps which I have received and made use of besides some 500 in addition which I received from the Gentlemen in charge of the Stone house N.º 46 South Wharves in this city — and for which I have received no bills of lading

2nds- Nov. 5. 1845 A Bill of Lading for 4 Reels of wire 2 of which I have received the remainder being at the Store house subject to my order

3rds Nov. 15. 1845 for 3 Boxes — Containing Glass Knobs one of which I have received the remaining 2 boxes being at the Store house and subject to my order

4th Nov. 29. 1845 for 9 Reels of wire which has not been received nor can I learn that it has arrived

5th A Bill of Lading a letter intended perhaps as a substitute from Messrs Stephens & Thomas apprizing me of the Shipment of six Reels of wire per. Merchants Line which has not been received —

6th A Bill of Lading from Messrs. Stephens & Thomas dated for 4 Reels of wire which has also not been received

You will doubtless glean from the above that I have received but 4 of the 23 Reels of wire for which I have received Bills of Lading and that I have received and know not where to obtain more than 3 boxes of Glass Knobs — Contained in the Bills of Lading for the same you speake of having forwarded according to Mr. Kendalls orders seven boxes of materials at different places will you be good enough in answering this to state the amount & number contained in each box and also at what point they can be found as I shall want for the whole distance of 75 miles some 4000 —

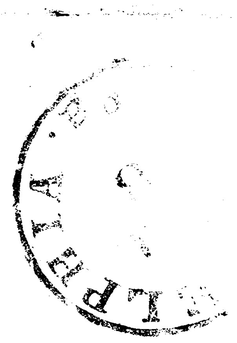
In regards to Telegraphs Ring I have received without a Bill of Lading for the same a large box containing 1637 which it was necessary to have turned & smaller. I should want about two more will you be kinde enough in regards to this matter to state what amount or numbers you forwarded to me and also wether you will supply one with the number yet wanted or at what place I can obtain them —

I wish also to learn from you how or in what manner you fastened the glass knob securely upon the pins. besides at what place you can be found if I am necessitated to visit you —

A letter from you as soon as convenient after the receipt of this giving me a minute account of the matters refers to above besides such other information as you may see proper to communicate relative to our transacting and correspondence will be very much obliged Your

Friends & Obedient Servt

A. C. Goell.



Mr. B. Connelly
New York City
N. Y.

J. C. Gow
Boston

Ithaca Dec 8. 1845

E. Cornell Esq

Dear Sir — Many of the leading men here are entirely ignorant of the operations of Telegraphs and I have been much delayed by being obliged to waste considerable time with such in order to convince them of the practicability of the scheme, &c. I wish to get J. S. Williams, R. Hakes, E. H. Cutler & J. J. Speed enlisted in favor of it, and I then intend calling a meeting of the business men here to lay the matter before them when together and get the subscriptions or the pledges. Subscribe! E. Sage says he will take $100. W. G. Grant, N. T. Williams, J. S. Woodhull, & H. Wilgus have agreed to subscribe for stock but have not decided how much. J. B. Williams wants a further examination of it's being a money making affair, and nearly all the business men seem to wait for the action of the Williams, Sage, Haley & Grants. I have drawn up Articles of Association and Sage, Williams & others have read them. — After a full consideration of the matter and after receiving expressions of opinion from Ithacans as to amounts that could be got subscribed, I am convinced that is best to form the Association with a capital of Five thousand Dollars (200 shares), get the stock all taken if we can, and then make an offer to the Directors or Stockholders to sell them the right for your improvements, on this line.

The Directors or Stockholders must at all events decide the question and they cannot do this until after the formation of the Associations, therefore I see no benefit in our pressing that subject while applying to them for subscriptions; I wish however to hear from you in relation to the matter.

I think it best to have our Articles so drawn that if we think best we can offer to the Louisville & Aurora people each a station, on condition of their taking up a certain amount of stock. I have inserted in the Articles that subscriptions are to be received by you, William or myself, and that you and I shall be 2 out of the 5 Directors until Directors are elected in January.

Mr. S. Wood is here, I've seen him this afternoon. The sleighing is excellent here and from the depth of snow I think the ground except is very little frozen.

Please inform me where the Augurs will be purchased and whether I should send to you for them.

I suppose you are aware that if you convey any right to your improvements, before you get a patent, it will preclude you from the benefits of a patent; I am informed that such is the fact.

Yours truly

James Eddy

Via Chicago.

3

E. Cornell Esq
Care of Livingston & Wells
10 Wall St.
New York

Ithaca Dec 8 1845

Dear Brother

Yours of the 30th Ult.
I rec'd this morn at Squires & Woods store & shall not attempt to reply at this time. I left Lockport last Wednesday evening working admirably there for the last 2 weeks. I came off with a good reputation & hope by the management of Mr Easton that they will succeed well. He will not remain with them long probably as he will be wanted at Utica or Albany. I rec'd a letter from Mr Paxton the day before I left Lockport wishing to secure my services on his line. He says they want to start on or before the first of Jan. I have written him that I would engage my services with a salary of $1000 & a prospect of a permanent situation. If he does not accept my proposition you will see me in N.Y. very soon. I shall wait or visit a day or 2 & wait for a reply.

I want to know every time you write how you get along with your starting. If you get in the fog about help I shall try & assist you in some way. Perhaps they will not want me short of 2 or 3 weeks in that case I will be there.

John brought me home from S Falls & bought the Snyder farm before he left for home but will remove on to it till a year from next Spring. My arm goes so badly I cant get down anything more.

I will write you as soon as I hear from Paxton or see you soon. I am doubtful about Mary Ann coming with me as she does not like to leave the children with her friends.

Yours truly

O S Wood

E Cornell Esq

E Orrell Esqr
Supt of Mag Telegraph
New York

Via Cargo

U.S. Mail
Steamer

Washington Dec.r 9th 1865.

E. Cornell Esqr.

Dear Sir,

I fear that Mr. Gould has not glass capes enough - his lines will require about four thousand - He writes me that he has advices of but five boxes of thirty dozen each, amounting to eighteen hundred in all - Please see to this immediately -

Yours truly -

Amos Kendall

E. Cornell. Esq.

Sup. Mag. Telegraphs

New York —

N. Y. —

Summerville Dec 10th 1845—

Mr E. Cornell—

Dear Sir according to your Request I write you Enclosing my account. and report progress we reached this place about 10 oclock A day leaving repaired all the Wire from Elizabethtown it was Considerable broken. Some of it broke we think by waking at the Pops. and Some Places was Shot off. we have Saved the Ends and think you will Come to the Same Conclusion. I am told there is Some Mischievious fellows living along that Road We got our Wire loaded and Commds on March for Lambertville at Noon put up 2 Poles. found it a disagreeable job. We had to Commence beyond the Town for the Poles at first in the Town So Soon (now Shade ties will have to be Extend. + (cant the inhabitants object.) or the Poles removed & we had no tools to do that, we will therefore go on till we hear from you in regard to it. I Enclose you a bill presented to me by the Rail Road Agent for $22.90 he Says he must have the Money. or we Cant have but 2 Reels of Wire now. as he is the Man that has to attend to the Collecting the Freights. I have hired Terill & an another Man and Shall Start them Sunday to Morrow and Shall be obliged to hear from you in regard to this Month, Friday or Saturday Next. the Mail Could be at Noon and I will be here Saturday Noon and Shall Expect to hear from you then So I Can get the Wire and Take along then if we Shall want it by that time. I presume an order from Mr Strong would answer— Respectfully Yours I. D. Rush

GREENVILLE N.J.
DEC
11

E. Cornell Esq

Superintendent Magnetic Telegraph

New York City

Boston Dec. 10/65

Dear -

Mr. Colt -
He says you told him you were
engaged, & would be glad to have the
pen of Mr. Thompson &. Thompson was -
I told him it was a mistake - &
he must settle with you - You
remember that bill between Mr
& me, which he was right & other -
wise -

But before letting me
have pen plating - he says, rolled,
at $6.25 he or - If he calls see
to, I shall tell him to call on
you, & get the pair of instruments
that I & Mr Thompson not exchanged
to buy & - & you may take off
his pay in plating, & charge -
ing the instruments at $50 -
complete - That is the least price
we shall furnish those instruments
instruments for - You can forward
on the plating by Mr Thompson
when he comes as he got work -
in probably next Saturday - I shall

O.S. I have not Mr. Colt's

like to have all out now and my
mail at Ealing, & at H & W's - shall
to me here by the earliest boat -
will you have it done.

I have seen the relay mag-
nets, & see by them, you sent to Cole.
I meant say, the workmanship
is very bad - the oscillation of the
armature is very irregular, how-
ever this adjusted. Besides, the
thumbscrews are very loose & un-
steady. You must have a better
workman on these instruments. It is
not do to have the reputation
down of them as such inferior
workmanship, cost to cheapen
them.

If you have not supplied any
person, omit it until I can see
what I can do - I propose at
the earliest day, to visiting
the depot in person, ready out,
(at a fair profit) instruments, you
magnets, wood work, Galvanometers &c. &
depot in N.Y. - and here. & I want to
buy the clock with Morse Instrument - I
shall get the control of agency of all
the fine manufactures by Siemens I sup-

pon it. Can arrange to furnish paper at 15 cts per lb ready cut, it is cheaper enough - no Twine at 10 cts - Instruments, perfect, at $35 - Your magnets at a living profit - (but they must be made perfect) Galvanometers at $5 -

I want your advice & direction as to the best & cheapest mode of winding wire - I can have castings & a rough walk, if but - & if the work in a smaller compass is better, upon iron, & Robert is the best machinery - I intend inviting Your capital in all Your matters, & taking & keeping the lead - You can devise & take requisite & requirements, as you may require - Write me early on all points - I shall determine as to patent & instruments at once -

As to winding instrument, send me a drawing of the Machine you would prefer - I can have steam, horse, or man power - which can cheapest as a considerable | scale -

I doubt conducts in giving me patentees for instruments, send it by Hardenbrook Express -

Yours truly
H. O. Smith

Mr. E. Comer

P. S. I think I can send you the money you want by the middle of next month -

Mr Ezra Cornell

No 10 Nassau St.

New York City

By Mr S. Cole.

Ithaca Dec 10, 1845

E. Cornell Esq

Dear Sir— I send herewith Articles of Association to be signed by you and my father— I have drawn them with a view to obtaining subscriptions in Ludlowville, Aurora and Springport, in case it becomes necessary.

If there are any articles that do not meet your views please suggest the necessary alterations and I can substitute other half sheets in the place of those it may be necessary to alter. Please give me your views as to the filling of the blanks I have left, and those places marked in pencil by me.

I see that the P. M. General recommends the purchase of Morse's rights by the government.

I feel anxious to get this started in order to give some attention to our lines to Owego &c.

Please keep me informed of your views upon all these matters. It is best that no delay should be made in returning these articles, as I want to secure subscribers as fast as possible. You had better perhaps send me authority to subscribe for stock, and William also, I can then after having procured what I can of others, at once fill it in the names of us three enough to complete the organization of the Company in haste. Yours truly

James Ed

Via: Owego.

2 5/12 97

25

E. Cornell Esq
Care of Livingston & Wells
No 10 Wall St.
New York

Express Office Utica Dec 11
1845

Dear Brother

I left home yesterday morning & reached here late last evening. & found Messrs Paxton & Butterfield had gone to Albany. They are expected to return on Sat. next. I think I shall remain here until they return. It was their wish for me to do so.

They are making calculation to start the line from here to Little Falls immediately & get it in operation to Albany on or before the 1st of Jan.

I shall hold on for $1000 salary & to Will Easton. If Mr F. will not stand that I will let some other person start his line. & I will be down & assist you.

He wrote me before I started that "the Co. will want your services & probably as soon as you can get here. As to salary I can only say that we shall be disposed to do what is right about that but cannot say definitely at this time how much we can pay" I want you to write me as soon as you rec'd this what plan is

best to adopt about the line if I stay here. I understand that they are to have a station at Little Falls & if so what plan do you recommend for working the line.

Have an extra instrument there? or would you recommend working the whole line from Albany to Utica & only do business at L. Falls for an hour or 2 each day?

I presume that Carter will come down here. As they cannot well get along without his services. How do you succeed with the river crossing &c. write me fully what plan you shall adopt at the intermediate stations.

Mary Ann thought she could not leave home consistently on acct of the children. Their health is much better again. I had an interview with Mr Eddy before I left Ithaca. He says he thinks the line will go between Ithaca & Auburn. He showed me your diagram for 2 independent circuits to one wire.

I think it a fine improvement in many respects although it will need twice as much Battery as 2 circuits on 2 wires.

All that you now want is a small bell to attach to each Relay-magnet (at night) & you

can then notify the operator in the night who sleeps in his office that you have an important message for him without his Battery remaining in the Acids over night.

It is beautiful sleighing here & Cold weather. Business very brisk.

How much Battery shall you put on the N.Y. & Phil. line? And when do you think you will be ready to start? I should like to know what Prof Mc. has done in Europe,

Let me hear from you by return mail.

Yours with affect. regard

C. O. Woods

E Connell Esqr

O. S. Mock
11 Dec 45

Miss Mary Ann Gage
Sole Proprietress

UTICA N.Y. Dec 12

V

E Connelly Esq

Boat of Geotaie Ho

102 Zinck Cups at 120 lb at 1/- each 12.75

Cartage & Boy 50

Dec 11 1845 13.25

Dec 11 1845

Morristown NJ

E Connelly Esq

Dear Sir

We send by Bryon

102 Cups. which you will please dis-

pose of as you can to the best advantage

for our own

Geo Vail Co

E Connelly Esq
Care of Livingston Wells &
10 Wall Street
N York

Pleasure &
11 Bucks

Washington Dec. 11th 1845

E. Cornell Esq.

Dear Sir, Your letter of the 6th found me sick in bed, but I am now getting well again.

Your experiment with the India rubber covering seems conclusive as far as it goes, and I see no reason why it may not succeed as well for a mile or two.

As to the pipe, I think there is danger of a failure unless it be entirely free from atmospheric air or the elements of water be extracted from the air. The first can only be effected by filling the pipe full of the insulation or other dry substance; the latter by a chemical process which Dr. Gale can describe to you, but which will be very difficult. My fear is, that if any air be left in the pipe, it will condense penetrate the insulation and form a conductor between the wire and the pipe.

There may be some ground to fear, that in very deep water the pipe in laying down will not bear its own weight. If after all the information you can collect, you think there is any danger on that score, it would be well to strengthen it by binding a cord to it or otherwise.

I shall get Mr. Vail to go to Philadelphia early next week to fit up the office and test the line onward towards Newyork. He will take with him two young men who have been learning here, to be employed on the line; also an instrument and magnet. I hope

you will have the office in New York ready and will have crossed the "Rubicon" before he reaches it.

As to funds we shall want probably $2000 more. We have on hand a little over $1400 and there are $200 or 300 more which may be available. There are some $1900 due for wire. Mr. Goelt will want something more, and I know not how much your operations are to cost. If I had the means, I would make up deficiencies and take the stock. Perhaps Mr. Haley will do it, at least in part.

The Editors to whom you allude, know not what they are scolding about. We set no price upon the use of our wires. A portion of the New York and Philadelphia Press ~~offered~~ to a Reporter certain sums per week for reports of Congressional proceedings. He submitted these offers to us; and assigning to him what he claimed as adequate for making out ~~furnishing~~ the reports, we offered ~~for the balance~~ to furnish the reports to the entire press in the two cities for the balance: that is, we proposed to furnish the whole press for what about half of them had offered, or so many of them as choose to contribute to the fund. If we wished to be hard on them, we should have taken what was offered and gotten what we could out of the balance. Whether the soldiers know this or not, I cannot tell having held no correspondence with any of the editors.

Yours truly
Amos Kendall

P. S. Will you be good enough to procure for me 400 lbs of copper wire No. 14 free from flaws,

have it covered like the inclosed and send it on to me as quick as possible.

I open my letter at the request of Mr Vail to inquire what you have in readiness for starting the Philadelphia Line, such as

Glass tumblers

Cups

Zincs

Platinums.

Registers or Key instruments

Receiving magnets

And such they are?

Or what other preparations are made for — describe — or in, opening the Line?

He wishes to learn this to know precisely what he has to do;

Opened by the writer

34 · 27 · 238 · 66 · 918

5 · 18 · 11 · 34

12 · 30 · 360 · 4 · 1440

Philadelphia Dec 12th 1845.

Mr E Cornell

Sir

Please have the kindness to write on rec^pt of this, without fail or delay & inform me if you have any Glass Caps or Knobs. I have not need but 3 Boxes & have used more than half of them. I have enquired at both of the Store houses & am informed that they have not need any but the 3 Boxes

If you have Glass Caps or Knobs please send me 1800. besides those three Boxes for Pennsylvania. & if you have ~~not~~ them not on hand you must have them made as soon as possible: For if you do not supply me with materials. I shall be obliged to stop the work. I would have 3 or 4 Companis to work putting up the wires if I had the Glass Caps

Rec^pt fully yours
&c
A. C. Goell

Ans^d Dec^r 13./45

E. Cornell Esqr
Supr: Magnetic Telegraph
New York City

Hartford Dec. 13. 1845

E. Cornell Esq

Sir

I forward the accompanying sheet for your examination at the request of Mr J. F. Marshall. It has been hurried to press to the exclusion of some important rules and explanations which may appear hereafter; In all modesty permit me to say that at the time of its completion I had never seen Mr Morses System or any other of the kind. I knew however that it was it was a combination of dots & lines. In the Journal of Dr Vail which Mr. Mar. shall kindly presented me yesterday I observe much said upon the subject of secret communication. In another sheet {which I had not time to prepare for the printer in season to accompany this} will be found my views & plan for that

In haste

Yours

Chas. T. Pell

Rec'd & Answ'd
Dec 14. 1845

E. Cornell Esq
10 Wall St

Paid

Telegraph Office
New York

Boston Dec. 13- 45

Dear - Your letter reporting the Relay Magnets, but not the magnets, have come to hand - I wrote you by Mr. Cole concerning the workmanship of the one he has - but I perceive he did not leave on yesterday, nor today, as he anticipated - But the letter he has will explain my objections to your magnets -

I enclose the $1- bill I exchanged for you. On running to the Counterfeit Bank note list, you will find this whole issue to be now worthless - Probably you may know of whom you had it.

I am preparing a circular, notifying all parties of my arrangement for a depot of Tel. Apparatus, & all other materials pertaining to Telegraphs. For sale, both here & in Europe - And if your magnets are to be put in the market, they had better be made in quantities & sold only through this channel. I would like to ascertain what price acids, as also mercury, can be obtained in quantities of the importers in N. York. I want to compare

prices and on in which instalment I can obtain a supply for re-sale, &c, the best terms - Thank injunie, & inform me early.

I can supply the paper ready cut, & weighed, at 15 cts per lb - & think it enough to cover the trouble & expense of procuring it - Tints I shall put at 10 cts - I want to ascertain what the porcelain cups, & also the glass cups can be had for, each, by the 50 or 100 gross - They must be manufactured so as to give the seller a living profit - will you see about your can do for me in that line - also what the earthen cups can also be had for suitable size by the 100 gross.

What is platina worth in N. York? Tolt may take that L & W - instruments & buy one in Platina - if so inclined, favor the exchange - & in that case let him take them instruments without hesitation. L & W - cannot be wrong will in respect to them - In my letter by Tolt I have explained my Office, & Tolt's inclination on the subject.

Cannot I make arrangements for sending my wine, cheaper than get it around? The wine wine for vineyards ought to be had delivery around. I observed the wine wound for Reilly, & taken by you in exchange for some of mine, was very dearly, & I should think poorly wound -

It is important that all these articles should be of the most perfect manufacture -

A boy has come in & says the Relay magnets are at Saunders's - I shall get them shortly -

The weather today is very cold - it makes the workmen's ears tingle, at the top of our lonely ports, where the wire is being put up -

I shall conclude a contract tomorrow, I think, for building a line to Providence early in the Spring. I want write the parties.

You had best change your Ithaca arrangement for a stock certificate as I suggested to you -

Have you not a Galvanometer you can spare me to get some made by it? If so, forward it by Mr. Livingston on Monday -

In haste, yours truly
F O J Smith

Mr E. Cornell
N-York City.

P. O. Schmitt
1945-13.45

Dr. E Bonnet,
Cary N. Hyde-