

Letter Bk. IV Error had been committed & that the Line instead of describing a Segment of a Parallel of Latitude or being a due East & West Line is really the Segment of a Great Circle continually deviating from its Point of Beginning towards the South. If the Gentlemen who may be consulted should be clearly of Opinion that the best Method of finding the Point from which the North Boundary must be run will be to take Observations, I believe it will be better for His Ldp & the Mess^{rs} Penns to have a good Instrument made in London at their joint Expence for the purpose & on its Arrival we can I believe get the Mathematical Master from Williamsburg to go up & together with D^r Smith Provost of the Phila^a Academy (whom I presume the Pennsylvania Commissioners will engage) take such Observations as may be thought expedient. The Surveyors have likewise represented to me that they will want & cannot well do without such an Instrument as is described in the inclosed Paper marked A: & we also want a Two foot brass Sector accurately made & proved in the Tower to be a true Standard Measure otherwise we must be content to measure the Chains &c with such a Sector as the Pennsylvania Gentⁿ may produce—If the Mathematicians who may be consulted should think that the Lines can be best measured with some Instrument which they perhaps may invent; it will be better & cheaper to have it made in London than for us to have one made in America. As we were not sure when we left the Surveyors below at the Middle Post that they would be able to run the North Line (which they had begun) exactly true agreeable to their Instructions, the Commissions as you will see by our last Minute agreed to meet again at Chester Town the 25th of March in order that if the Surveyors should then report that it is impracticable to run the Line so true & accurately as they were required, the Commissioners may then give them such farther Instructions as they should think expedient but as the Surveyors now they have made an Experiment are persuaded that they can run the Line without committing any Error, I apprehend it will be thought sufficient by the Pennsylvania Gentlⁿ as well as by us that Three of each should just meet at Chester Town on the Day appointed & adjourn to some Day in June or July by which Time it might be expected that the Surveyors will have run the two Lines mentioned in the first Article of their Instructions. The Commissioners being unanimously of Opinion that the several Lines mentioned in the Articles of Agreement cannot possibly be run within the Time limited as there are at least four Months in a year that the Surveyors cannot work we agreed when we were together the 9th of Decem^r to represent the same to our respective Constituents which I have accordingly done in my

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