Frankfort on Main
May 21st 1868

My dear Mr. Cornell

We left Paris at the time mentioned in my last letter and went first via Strasbourg to Stuttgart presenting my letter of introduction from Prof. Sanger to Prof. Ehinger of the Veterinary School. I was very cordially received and shown the entire establishment. Much interest in my information. It is not so large nor so splendidly equipped as that at Heidelberg, but I have visited it. The work is very thorough and conscientious done and a good number of young men every year are graduated who can do fine things to save the vast veterinary interest from Charlatans.
grasses of various sorts. There are usually from fifty to eighty students. Course is quite thorough, beginning with a good foundation in Natural Sciences.

Dr. Hering was so kind as to give me a letter to Prof. Ruff of the Royal Agricultural College at Hohenheim, which was the institution I most wished to see. The ride from Stuttgart just over the hills, about six miles, was delightful. Vineyards on all sides of us. Beyond them rich valleys and old mountains. 

Very kindly received at Hohenheim and through the fine German had grown rather dusty from long distance tour, soon able to set along perfectly well by lying in a little French box there.

Hohenheim is an old palace.
built on a splendid scale in the last century, situated in the midst of a domain of over five hundred acres. Like all other old palaces, it had an immense extent of stables, paddocks, and outbuildings of various kinds, which form an excellent farm now. All the accommodations needed in the various departments of an agricultural college. For example, the former riding hall—a vast saloon decorated with statuary and rich moulding—lighted by fine windows, set in a large Mansard roof—is now a farm, partly filled with hay!

As usual in such cases, I got hold of one of the headmen and got a view of the institution from his standpoint. He was really interested and especially delighted with the liberty alluvial...
Students here. They study what they please. Working out a course for themselves and write an examination. He did not know of a student in the institution who cared for this privilege.

The full course is two years, but a student can take less time if he chooses and on going away receive a certificate stating what he has studied (Year 2).

I have underscored the words where their practice is a working out of my theory.

They have also a large workshop where agricultural machines are made as samples - and where Captain's own models are made for collection in Agriculture.

I was intensely interested in their collection of models of all sorts relating to Agriculture.
among the others a complete collection of models of ploughs used in all nations at times. One hundred and eighty-seven in number. They were on a small scale of natural size. I think it so perfectly made that every bolt, screw and even every cord (as in the American plough) were exactly given from the earliest plough used in Bible times to earlier to the English Howard plough. An American improved plough is all important modern. Catalogues are given. Some are exceedingly curious. Some wonderful but to me of most interest is the model of the star which the Master Mechanic of the College...
Shoes in existence - of all times, countries, or all superiority, conditions - of the animal.

If anyone had told me a year or two ago that I could ever be interested in a collection of those shoes, I should have laughed heartily at the idea - but I have come to consider anything of late more interesting acting on a hint from Mr. Armit, Mechanic at Rotterdam. I started off next day from Stuttgart to Carlsruhe, intending to pay Prof. Pamin's friend that he had there his complete collection of Nogla models - even with complete blown that at Rotterdam, which he had exhibited at the recent Paris Exhibition.

In about an hour it was bought. Heard for at Sofranc less than the set. He sold the French foot. I insisted that one set in the U.S. was worth a dozen in Europe - an advertisement - Mr. Frank...
we demonstrate - if you don't like them I will take them off your hands at an advance. They will be shipped in mediates.

Visited also the Polytechnic Institution at Stuttgart who is I think the finest in Europe. How I wished that you were here with me that we might study these collections together and live into the various points in their very successful organization!

Visited also the Polytechnic at Karlsruhe who boast the finest collection of models of machines to in Germany. It was wonderful! but we can do as well.

Next a day and a half in Heidelberg delightfully of course but would love for you all to see the famous Medst Tower and the famous Paulaner and other wonderful old inns.

I added two or three valuable
piece, not on the German list. 
Specially a complete Photometer
(Kerns) + the famous instrument
for spectrum analysis. Complete.
Also cheaper than American
prices + things like. We must have
to maintain any standing of a
high sort.
Near to Darmstadt bought a new
a thousand dollar worth of chemi-
cal apparatus + was for Labora-
tory, adding one fine piece here.
Fried also the establishment
of Schröder the most noted maker
of models of all sorts in Europe.
Here I found among others then
which I had so much admired
at the Technological institute in
Boston — conducted by President Rogers,
selected several samples +
bought a complete collection of
photographs of the entire number
of models to the number of over
100. Some are in iron, some in
bronze. Some in copper — from
the wood. Wheel-work of all sorts
— models of bridge, roofs — arches
— towers — ships — steam engines — too.
Fine, to make wheels of all kinds.

I have selected also some books at Stuttgart & Heidelberg which are especially valuable.

I have been last night and paid to my regret that the Consul General and my old friend, Ruggles of Michigan is absent. His telegraph was from the President saying that he will visit us here tomorrow night for dinner. I have nothing to do but to wait. Have been to the Consulate to make out a lot of declarations; but said that the war news had come. For my friends, are free of duty. The law form.

I declared all apparatus involved to be an institution of instruction free of duty. But it appears that the philosophical instrument maker of N. Y. and Boston claimed to be "protected" & so they got a law passed which imposes a duty of 15% on philosophical apparatus. Models are free - so are models cast in. But a Caller who I procured from the Dept. of the Treasury in Washington declare that the instrument makers are free of a duty. I suppose that you or an ancient protectionist will rejoice at this. You will be perfectly glad that...
Mr. Tony Pike of U.S. & Murchy, Chamberlain & Ritchie, of Boston, are "protected," even though there is hardly any of their officials we have ordered U.S. They even pretend to make some there. I shall give you a regular going over about this, that one or two secret interests - this from interest of Spaniards need the hand of fort between the organized warfare of English capitalists + iron masters, may be true - but to suppress a club of personal officials, raising every college + school to "protect." Pike + Son, whose nature by the way consists in their association with every college + school, I shall do what I can to get them to do the duties of the I know that myself will do as they may for our interest. Why, he can do the same thing. By the way, it seems to me that you ought to have an agent in U.S. Look after your packages; they will be coming thick + fast very soon. There will be several eight boys from Darmstadt alone. It's soon as I set this matter straightened out, here I shall go on to East of Leipzig + Berlin.
In such a case is hunting a necessity worse as you clearly are aware.

And now a little joke. Do you remember our dear friend Mr. X who addressed the U.S. by Cornell? I remembered your words on an unknown subject: "Nothing the Colleges of this State are saying a word more..." Because to your own selfishness, etc.

Said something about studying in Berlin is clear. "Paging" in a newspaper at Cornell University!

You still have been asked whether the U.S. is going to annex Expenditures College of Syracuse. Answer: I don't know.

Hope to reach Berlin early next week.

Arrange regarding Mr. Y and Mr. Z.

Please try these actions a week or ten days, perhaps two weeks. Do not fail to lean it down at first mention from the what I had better do regarding order of the company or model, etc. Whether I can leave 40 or 300 dollars, were just questions.

How far have you advanced in the new building? For the all particulars, more than I shall say from this point or June 27 or July 4. My wife is writing in letters urging to you all to return. I am they [illegible].

A.D. White
P.S. Received the printed slip containing notice of our purchase of the Bopp Library. It was well to give the Public a hint that we are working in that direction, but I sometimes fear that we shall be thought neglectful of the other parts of our Educational plan on which so much relies is left to Congress. Might it not be well to give a Public hint that in addition to preparatory, the largest four-thousand of Historical & Scientific books ever made from Europe to America at one time, general Agricultural Congress outfit for the Chemical fostering with all the most approved apparatus?

I have purchased the Rare Collection of Models of October 1873 from Mr. Roux, for the German Agricultural College at Stuttgart, which attracted much attention at the late Universal Exhibition at Paris - a large number of the Anatomic Models for Illustration in Human, Veterinary & Comparative Anatomy - and a number of the Adorable Models of Machines made by Schroeder at- Carlstadt.

[May 25, 1849]
The idea for the reason that I have feared lest the men who are dissatisfied with existing colleges should be fearful that I am not doing enough for them; special diets, which they long to see established and well maintained. I am more than ever impressed with the importance of establishing the highest grade in agriculture in this country. I present to join a field for it as our own, and I wish the people to understand that I attend to that part of our equipment and organization not-Corn. What more which it might naturally be done, I cared more about.