

15/1

Owens Coll.

1/2/96.

My dear Dr. Fitzerald.

My tube broke a few days ago & the experiments were consequently delayed. I was able to-day to photograph a pair of scissors inside a box. I have a Tesla apparatus working. Very remarkable phosphorescent effects are produced by it. Instead of having a small patch of green phosphorescence at the neighborhood of Kathode, I get the whole tube green. I was in hopes of thus getting a brighter source of light by holding the tube at an angle to the photographic plate. I am of course assuming that the Roentgen rays are generated at the green portions of the glass when the Kathode rays strike it. Some air has got into the tube & I shall not be able to try this until it is completely exhausted again. I will drop you a line whenever I get anything remarkable. Some men on the Continent I believe are getting wonderful results. I would be glad to have the loan of the Baltimore lecture if you can get them easily. Yours sincerely  
John Burke.

