

Heaton Road  
Withington  
W. Manchester  
Dec 28<sup>th</sup> 1894

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Dear Professor Fitzgerald,

Thank you very much  
for your kind wishes. I did  
not know that you were a  
Candidate as I never saw a  
list of them & only heard of those  
who were connected either with  
Cambridge or the Owens College.  
Now that I hear you were  
a Candidate I feel very  
much ashamed of the electors.  
I see that local feeling must  
be much stronger than I had  
hoped as no man would

dream of electing me before you  
who was not blinded by local  
prejudice.

I have been thinking a good deal  
about the way of rendering those  
rapidly alternating currents apparent  
at present I am inclined to make  
the magnetic force as strong as  
I can & see if pieces of steel  
become permanently magnetized  
as I have found that when  
a magnet piece of steel is acted  
on by a periodic magnetizing  
force it does become permanently  
magnetized, the opposite magnetic  
forces do not seem to destroy  
each others effects. I hope to  
make Prof. Ramsays acquaintance  
some day, if he ever comes to  
Cambridge I hope he will  
look me up & I will show  
him over the Laboratory. I hope

you will come to Cambridge soon  
if you will let me know a  
day beforehand I will at your  
rooms in Collyer & you will be  
able to compare the Dublin series  
with the Cambridge one

Believe me

Yours very sincerely

J. J. Thomson

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