

Technical College, Finsbury.

Leonard Street, City Road.

London, E.C.

12/72

2nd Oct. 1894

Dr. Fitzgerald

Just when I was sitting down to write you a letter of congratulation some days ago, it was put aside ^{it has been} forgotten since) by my wife's suggestion that we ought to go off for a two days walk in Surrey.

On the 25th of July we took R^y tickets for 60 days & left England. We stayed away 59 $\frac{7}{8}$ days

over
3 weeks at Homburg. 2 weeks at Friedrichroda (in Thuringia). Then a loaf through Gotha, Leipzig, Dresden, Prague, Nuremberg, Ratisbon, Munich, Constance, Zurich, Lucerne, Schaffhausen, Triberg ~~St~~ (where we stayed 5 days) & home. The most satisfactory trip we have ever had. If ever you want to take a round on the Continent, ask me for advice as to your tickets. I know how to get them cheap.

When are you coming to London? My old meter is now quite right & everything promises well as to one's reward for

four years work - but I am on
a beautiful new thing now
a cheap accurate alternating
curr. energy meter. If I were
not so poor (I have had no profit
yet from the old one) I would offer
Heaviside a big fee for advice

I am not at all sure that Lord
Kelvin's Cooling of the Earth problem
has been properly criticized. His
conditions are certainly wrong
but I find much difficulty in solving
the problem as I would put it.

I am worrying over this & over
novels when I know that I ought
to be doing nothing except figuring

out the best conditions for my
new meter 12/72
I write this at luncheon (sandwiches)
& when waiting for a class - the
first lecture of the session. I began
to write because you asked me a
question. ^{R.E.,} General Webber C.B.
17 Egerton Gardens, South Kensington SW
was the promoter of that E.L. Railway
which raised so much ore in the
breasts of Ayrton & Rüchler
& got me into hot water

If you have a really good solution
of the problem - tell me & I will
get you a provisional protection
It only costs 20/- & I will
negotiate with Webber

for you. He is the keenest man
of business you can meet with
& if your idea is a good one I can
arrange that Webber will pay
for all sorts of patenting - but
you are so innocent and reckless
that you will let yourself be
shorn like a lamb in March

Write out a clear account
of what you would do. Your idea
of two weeks ago can be carried
out by the use of a Four Pole
dynamo. I have written to
Trotter asking him how one
can best get opinions as to
whether Ship Captains find
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the El. Light to be a nuisance -

~~to~~ magnetically -

I have no more time & I rather
think that you may have no
more patience.

My wife asked me to send
her kind regards & congratulations
with mine to you & Mrs. Fitz-
gerald.

Yours U
12/72 J Perry