

is  
and I suppose due to the particles of  
glass driven off which become red hot.  
It seems to be quite different from  
the flash you would get by ~~rubbing~~  
iron on the stone.

I am sending you a translation  
of Wien's paper on the "distribution of energy  
in the spectrum of a black body." ~~It~~  
~~translation~~ is Dr. A. Harker's, who is about the  
best German scholar here, as he has been a  
considerable time in Germany. It is  
better than anything I could attempt  
though one or two passages are not  
quite so clear as they might be.  
He gives me lectures on German now &  
again.

The calculations, I think are all right  
except that in one place he talks of the  
mean velocity - instead of the mean square  
that it is so in the original paper.

Yours sincerely  
John F. Burke



THE OWENS COLLEGE,  
MANCHESTER.

15/85

10<sup>th</sup> Dec 1896

My dear Dr. FitzGerald  
I received your letter on  
Tuesday. Dr. Schuster has  
written to Ramsay for some of  
the Uranium Carbide. The  
Uranium glass you got from  
Baird & Tatlock and which I  
have been working with gives a  
bright flash when rubbed on a  
grinding stone; but the light is  
of a different colour from  
the fluorescent light excited by  
violet or ultraviolet rays. The  
colour of the flash is an orange-red.

