

September 29, 1947

Dr. Duncan McConnell
Box 2038
Pittsburgh 30, Pennsylvania

Dear Duncan:

Thank you for your letter of September 18. You are right we did talk about a dielectric separation apparatus. However, I doubt whether I ever received a diagram of your model. At any rate I have not had any opportunity to check its usefulness. There should be a separation apparatus for microfossils. The University of Wisconsin has a magnetic separation that is used to separate glauconite out of washed residue. Such a magnetic separation is of great help. I suppose a dielectric separation apparatus would be useful in other cases. There is also a great need for various etching acids, that is, acids that will attract calcite but not dolomite, glauconite but not calcite, etc. If you ever run across useful chemicals that would help in etching out fossils out of various rocks, it would be a great benefit.

With best regards,

Sincerely yours,

H. B. STENZEL
Geologist

HBS:hrb