November 11, 1947.

Dear Dr. Green,

In setting up my laboratory, I am approaching the problem of a bacterial grinding device, concerning which I should like your advice.

The problem concerns the grinding of E. coli in order to facilitate the extraction of nucleoproteins, the genetic functions of which are being investigated. Is the "Booth-Green" Mill still the last word in bacterial grinding? Is any comparable apparatus commercially available? How does it compare in cost and in efficiency with ultra-sonic disintegration apparatus? Have you any suggestions as to the probable cost of such a mill built to order at present price levels? Tour comments, and where available publications, on these questions would be greatly appreciated. I hope to be seeing you on this campus before teo long.

Yours sincerely,

Joshua Lederberg
Ass't Professor of Genetics.