

Chemistry Department



Brigham Young University

Professor Dennis Elwell
Center for Materials Research
McCullough Building
Stanford University
Stanford, California 94305

16 May 1978

Dear Prof. Elwell:

Thank you for your letter of May 9th and for your interest in my research in the field of diamond synthesis and high pressure/high temperature research.

I am sending the article in "The Chemist" 47(1970) 276 that you requested and am also sending with this letter some additional articles that may be of interest. In addition, two photographs of one of my recent high pressure/high temperature machines is enclosed. This machine will generate routine pressures of sixty-five thousand atmospheres simultaneously with a temperature of eighteen hundred degrees celsius. Machines of this size are suitable for commercial diamond synthesis and are also used in research.

Sincerely yours,

H. Tracy Hall

H. Tracy Hall
Distinguished Professor
of Chemistry

Good luck on your book!

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May 9, 1978.

Prof. H.T. Hall,
Dept. of Chemistry,
Brigham Young University,
Provo, Utah.

Dear Prof. Hall,

I read with great interest the article in "Lapidary Journal" by Kurt Nassau on the synthesis of diamond.

The synthesis of gemstones has been a long-term interest of mine and I am currently writing a book on the subject, which will be published by Ellis Horwood and marketed through the John Wiley group.

I understand that your own account of the first synthesis of diamond appeared in "The Chemist" 47(1970)276 and I should be very grateful for a reprint of this article, assuming that you still have a copy.

Sincerely,



Dennis Elwell.

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