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If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

09/327,043

B. Patent No.(s)

Filed: 6/7/99

Issued:

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concerning document should be mailed:

Name: Timothy D. Stanley

Internal Address: Sandia National Laboratories

Patent & Licensing, 11500

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Street Address: P. O. Box 5800

6. Total number of applications and patents
involved: one (1)

7. Total fee (37 CFR 3.41) \$40.00

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01 FC:581 40.00 CH 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any
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Timothy D. Stanley

Signature

Date

Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231PATENT
REEL: 010073 FRAME: 0755

May 10, 1999

ASSIGNMENT

WHEREAS, **Steven E. Gianoulakis**, of Albuquerque, New Mexico, has made an invention relating to **CRYSTAL GROWTH AND ANNEALING METHOD AND APPARATUS** in the course of the work authorized by Contract DE-AC04-94AL85000 between SANDIA CORPORATION and the UNITED STATES DEPARTMENT OF ENERGY, said invention being disclosed and claimed in an application for United States patent, identified as DOE Docket No: **S-91957**, duly executed by **Steven E. Gianoulakis** on **June 7, 1999**.

WHEREAS Inventor(s), in consideration of employment by Sandia Corporation, has(have) agreed, among other things, to assign to Sandia Corporation, its successors and assigns, all rights to inventions, discoveries, or improvements made or conceived in the course of their employment; and

WHEREAS, the Government of the United States, as represented by the U.S. Department of Energy has granted a waiver of Government rights in the above-identified invention to Sandia Corporation under Class Waiver W(C)93-012, effective October 1, 1993, and

THEREFORE, Inventor(s) hereby sells, assigns, and transfers unto Sandia Corporation their entire right, title, and interest in and to said invention and in and to all resulting patents, wherever they may be granted, as well as reissues or extensions of said patents.

Inventor(s) covenants with Sandia Corporation that, except for the rights, if any, of the Government, his/her interest in the rights and property herein conveyed is free and clear of any encumbrance and that they have full right to convey the same as herein expressed. They agree, at the request of Sandia corporation, to make, execute, and deliver to Sandia Corporation, the Government, or other party prosecuting patent applications on this invention, any and all papers, documents, affidavits, applications, statements or other instruments relating to said invention, take all rightful oaths and do all acts as may reasonably be required of them in or incident to the prosecution of any or all applications on said invention or in the adjustment or settlement of any interferences or other actions or proceedings that said applications or patents thereon may encounter or in which they may become involved.

Signed at Albuquerque, New Mexico.

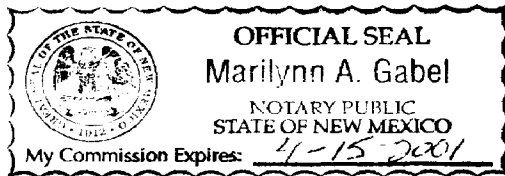


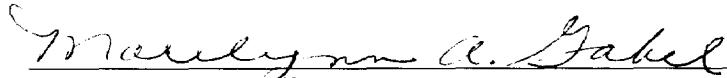
Steven E. Gianoulakis

Date: 6/7/99

STATE OF NEW MEXICO)
) ss:
COUNTY OF BERNALILLO)

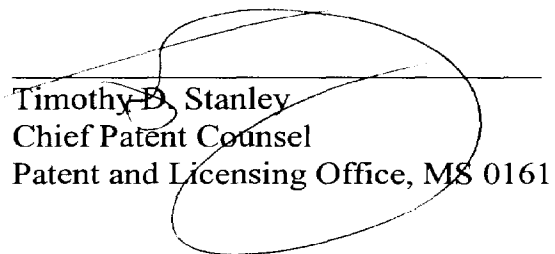
On the the dates listed above, personally appeared before me, Marilynn A. Gabel, Notary Public, **Steven E. Gianoulakis**, to me known to be the individuals described in and who executed the foregoing instrument, and who acknowledged to me that they executed the same.




Notary Public

Approved and consented to this 21st day of June, 1999.

SANDIA CORPORATION


Timothy B. Stanley
Chief Patent Counsel
Patent and Licensing Office, MS 0161