

## PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Stephen R. Quake</td><td>06/18/2002</td></tr><tr><td>Carl L. Hansen</td><td>06/11/2002</td></tr></tbody></table>	Name	Execution Date	Stephen R. Quake	06/18/2002	Carl L. Hansen	06/11/2002					
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RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>California Institute of Technology</td></tr><tr><td>Street Address:</td><td>1200 East California Blvd.</td></tr><tr><td>City:</td><td>Pasadena</td></tr><tr><td>State/Country:</td><td>CALIFORNIA</td></tr><tr><td>Postal Code:</td><td>92115</td></tr></table>	Name:	California Institute of Technology	Street Address:	1200 East California Blvd.	City:	Pasadena	State/Country:	CALIFORNIA	Postal Code:	92115	
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Application Number:	11668263										
CORRESPONDENCE DATA											
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NAME OF SUBMITTER:	Eugene J. Bernard										
Total Attachments: 1 source=assignment-20174C-004921-CalTech#page1.tif											

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PATENT  
REEL: 019549 FRAME: 0989

ASSIGNMENT OF PROVISIONAL PATENT APPLICATION

JOINT

WHEREAS, Stephen R. Quake of 744 Plymouth Road, San Marino, CA 91108; Carl L. Hansen of 438 S. Catalina #204, Pasadena, CA 91106; hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified provisional patent application:

Title of Invention: HIGH THROUGHPUT SCREENING OF  
CRYSTALLIZATION OF MATERIALS

Filing Date: April 5, 2002

Application No.: 10/117,978; and


WHEREAS, California Institute of Technology of 1200 East California Blvd., Pasadena, CA, 92115, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on any patent application claiming priority from the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on any patent application claiming priority from the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 16 June 02

  
Stephen R. Quake

Dated: 11/06/02

  
Carl L. Hansen

PA 3227349 v1