

PATENT ASSIGNMENT

Electronic Version v07
 Stylesheet Version v02

SUBMISSION TYPE:	NEW ASSIGNMENT				
NATURE OF CONVEYANCE:	ASSIGNMENT OF ASSIGNOR'S INTEREST				
CONVEYING PARTY DATA					
Name	Execution Date				
Allen J. Bard	1999-07-12				
RECEIVING PARTY DATA					
Name	Street Address	Internal Address	City	State/Country	Postal Code
Integrated Chemical Synthesizers, Inc.	16020 Industrial Drive		Gaithersburg	MARYLAND	20877
PROPERTY NUMBERS Total: 1					
Property Type	Number				
Patent Number	5580523				
CORRESPONDENCE DATA					
FAX NUMBER: 212-715-8000 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> When the customer number has been provided, the Office of Public Records will obtain the correspondence data from the official record on file at the USPTO. CUSTOMER NUMBER: 035745					
NAME OF PERSON SIGNING:	Albert B. Chen				
DATE SIGNED:	2004-04-26				
Total Attachments: 2 source=5580523a.TIF source=5580523b.TIF					

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EXHIBIT A

PATENT ASSIGNMENT


WHEREAS, Dr. Allen J. Bard of 6202 Mountainclimb Drive Austin, Texas 78731 ("Assignor"), owns certain patents and patent applications that are listed and described in Schedule 1 attached hereto, collectively known as the "Patents"; and

WHEREAS, Integrated Chemical Synthesizers, Inc., a Delaware corporation having its principal place of business at 16020 Industrial Drive, Gaithersburg, MD 20877 ("Assignee") desires to acquire the entire right, title and interest in and to the Patents;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor does hereby sell, assign and transfer unto Assignee, its legal successors and permitted assigns, all of the Assignor's right, title and interest in and to the Patents and any continuations or divisions thereof, and all patents and reissues thereof issued on said Patents, and all convention and treaty rights, in the United States and all other countries for all such subject matter.

Assignor agrees to execute any further papers and to do such other acts as may be necessary and proper to vest all right, title and interest in and to the Patents in Assignee. In the event that Assignee is unable, after reasonable effort, to secure Assignor's signature on any further papers necessary to do so, Assignor hereby designates Assignee as its agent and attorney-in-fact, to act for and in its stead to execute and file any such papers and to do all other lawfully permitted acts, and things to accomplish such purpose with the same legal force and effect as if done by Assignor.

IN WITNESS WHEREOF, Assignor has caused these presents to be duly executed in a manner appropriate thereto as of the 12 day of July, 1999.



Allen J. Bard, Ph.D.

SCHEDULE 1

Patents and Patent Applications

Country	Patent or Patent Application Serial Number	Issue Date or Filing Date	Inventor(s)	Title
US	5,580,523 (08/221,931)	12/03/1996 (04/01/1994)	Bard et al.	Integrated Chemical Synthesizers
PCT	US95/03873	03/25/1995	Bard et al	Integrated Chemical Synthesizers
EPO	95914943.6	03/25/1995	Bard et al	Integrated Chemical Synthesizers
AU	22001/95	03/29/1995	Bard et al	Integrated Chemical Synthesizers
CA	2186896	09/30/1996	Bard et al	Integrated Chemical Synthesizers
JP	525811/95	10/01/1996	Bard et al	Integrated Chemical Synthesizers
US	08/660,955	06/10/1996	Bard et al	Nanoscale Chemical Synthesizers