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Correspondent Name and Address

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Application Number(s) or Patent Number(s)

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Patent Application Number(s)

09/254309

Patent Number(s)

5,616,304

5,744,105

5,779,996

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number

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PCT

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Number of Properties

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4

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Barbara S. Pedersen, #36,237

Name of Person Signing

Signature

Date

ASSIGNMENT OF INVENTIONS

Innovative Biosystems, Inc. ("Seller") and Keith Stormo, Ph.D. ("Inventor"), in consideration of good and valuable consideration, hereby assign, transfer and set over to NEWBIO, Inc., a corporation of the State of Minnesota, whose address is 15500 Wayzata Boulevard, Suite 920, Wayzata, MN 55391-1498 (hereinafter designated as the "Assignee"), the entire right, title and interest in and to the inventions listed in attached Schedule A held beneficially or of record by Seller or Inventor, including trade secrets, technique and know-how, trademarks, copyrights, designs and plans relating thereto and all proprietary rights therein or based thereon.

Furthermore, Seller, for itself and its officers, employees and agents, and Inventor agree to:

- 1) execute all papers necessary or convenient in connection with each application to protect the inventions, and any continuation, continuation-in-part, or divisional applications thereof, and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient;
- 2) execute all papers necessary or convenient in connection with any interference which may be declared concerning any application relating to the inventions, or any continuation, continuation-in-part, or division thereof, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with any such interference;
- 3) execute all papers and documents and perform any act which may be necessary or convenient in connection with claims or provisions of foreign patent offices, including those operating under the Patent Cooperation Treaty, the International Convention for Protection of Industrial Property, or similar treaties or agreements;
- 4) perform all affirmative acts which may be necessary or convenient to obtain grants of valid patents to the Assignee relating to the inventions;
- 5) authorize and request the Commissioner of Patents and Trademarks, and all equivalent foreign patent office officials, to issue any and all Letters Patents resulting from said applications or any continuation, continuation-in-part, or divisional applications thereof, to the said Assignee, as Assignee of the entire interest
- 6) execute all papers necessary or convenient in connection with the recordation of this Assignment in the U.S. Office of Patents and Trademarks and elsewhere as may be requested by Assignee.

Seller and Inventor hereby represent and warrant that each of them has full right to convey the entire interest herein assigned, and that neither of them has executed, and will not execute, any agreement in conflict herewith. Seller and Inventor further represent and warrant

that they are the sole and exclusive record and beneficial owners of all right, title and interest in the inventions, that neither of them has granted any licenses or rights in the inventions to third parties, and that neither of them knows of any statutory bar or prior art which would prevent any of the inventions from being the subject of one or more U.S. Letters Patent.

Seller and Inventor hereby grant the Assignee and its duly authorized representatives the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office, and any equivalent foreign patent office, for recordation of this document.

IN WITNESS WHEREOF, the parties have executed this Assignment to be effective on

July 7, 2000 :
Date

ASSIGNEE:

NEWBIO, INC.

By [Signature]
Its President

SELLER:

INNOVATIVE BIOSYSTEMS, INC.

By [Signature]
Its President/CEO

INVENTOR:

[Signature]
Keith E. Stormo, Ph.D.

Schedule A

<u>U.S. Patent No.</u>	<u>Date of Issue</u>	<u>Description</u>	<u>Expiration Date</u>	<u>Due Dates of Maintenance Fee Payments</u>
5,616,304	April 1, 1997	"Slurry Reactor" (Blade, Slurry Reactor, and Method of operating reactor)	April 21, 2015	October 1, 2000 October 1, 2004 October 1, 2008
5,744,105	April 28, 1998	"Slurry Reactor" (Blade, Slurry Reactor, and Method of operating reactor)	April 21, 2015	October 28, 2001 October 28, 2005 October 28, 2009
5,779,996	July 14, 1998	"Microbial Remediation Reactor and Process"	April 21, 2015	January 14, 2002 January 14, 2006 January 14, 2010

* * *

Pending national patent applications derived from Patent Cooperation Treaty system:

U.S. Patent Application: Serial Number 09/254,309;
Australian Patent Application: Number 719,698 (43,326/97);
Canadian Patent Application: Serial No. 2,264,144;
Japan Patent Application: derived from PCT/US97/15558, filed on March 1, 1999; and
European Patent Application (Austria, Belgium, Switzerland and Liechtenstein, Germany,
Denmark, Spain, France, United Kingdom, Italy, The Netherlands, and Sweden):
97941414.1.

* * *

All improvements, applications, renewals, extensions, provisional patents, and non-U.S. intellectual property rights relating to the patents and/or inventions covered by the above-mentioned patents.