

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>Tatsuro YOSHIDA</td> <td>11/03/2010</td> </tr> <tr> <td>Paul J. VERNUCCI</td> <td>11/03/2010</td> </tr> </tbody> </table>		Name	Execution Date	Tatsuro YOSHIDA	11/03/2010	Paul J. VERNUCCI	11/03/2010						
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RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>New Health Sciences, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>6903 Rockledge Drive</td> </tr> <tr> <td>Internal Address:</td> <td>Suite 230</td> </tr> <tr> <td>City:</td> <td>Bethesda</td> </tr> <tr> <td>State/Country:</td> <td>MARYLAND</td> </tr> <tr> <td>Postal Code:</td> <td>20817-1818</td> </tr> </table>		Name:	New Health Sciences, Inc.	Street Address:	6903 Rockledge Drive	Internal Address:	Suite 230	City:	Bethesda	State/Country:	MARYLAND	Postal Code:	20817-1818
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CORRESPONDENCE DATA													
Fax Number:	2029425999												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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Email:	sandra.tartisel@aporter.com												
Correspondent Name:	Arnold & Porter LLP												
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Address Line 4:	Washington, DISTRICT OF COLUMBIA 20004												
ATTORNEY DOCKET NUMBER:	25577.014												
NAME OF SUBMITTER:	Curtis R. Altmann												
Signature:	/Curtis R. Altmann/												

CH \$80.00 12901350

Date:

04/25/2013

Total Attachments: 3

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JOINT ASSIGNMENT

The ASSIGNORS, **Tatsuro YOSHIDA**
 1736 Commonwealth Avenue
 West Newton, Massachusetts 02465
 United States of America

Paul J. Vernucci
7 Dyer Street
Billerica, Massachusetts 01862
United States of America

have invented certain new and useful improvements in

**BLOOD STORAGE BAG SYSTEM AND DEPLETION DEVICES WITH OXYGEN AND CARBON
DIOXIDE DEPLETION CAPABILITIES**

an invention which is fully described in an International Application, filed with the United States Receiving Office on **October 8, 2010** and assigned International Application No. **PCT/US2010/052084**; and

The ASSIGNEE, **NEW HEALTH SCIENCES, INC.**, a Delaware corporation having its principal office at 6903 Rockledge Drive, Suite 230, Bethesda, Maryland, 20817-1818, United States of America, wishes to acquire the entire right, title and interest in and to the invention and under Letters Patent which may be obtained for this invention.

For valuable and legally sufficient considerations, receipt of which are hereby acknowledged, the Assignors sell, assign and transfer to Assignee, its successors and assigns that was filed in the United States Receiving Office, the entire right, title and interest in and to the above-identified invention and application, divisionals, continuations, and continuation-in-part and for the full term of any Letters Patent of the United States that may issue for the invention.


The Assignors also sell, assign and transfer to Assignee the entire right, title and interest in and to the invention and application for Letters Patent and Letters Patent therefor in all countries foreign to the United States, including all rights under the International Convention. The Assignors further authorize Assignee to apply for Letters Patent in foreign countries in the name of Assignee, and to claim the priority of the filing date of the United States Application under the provisions of the International Convention.

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The Assignors further agree, for themselves and their legal representatives, they will assist Assignee in the prosecution before the United States Patent Office and the Federal Courts of this application, and other applications for Letters Patent including renewals, continuations, divisions, reissues and substitutions, that the Assignee elects to make covering the invention. The Assignors vest in Assignee like exclusive title in and to all such other applications and Letters Patent. The Assignors will execute and deliver to Assignee any documents which may be requested by Assignee to carry out the terms of this Assignment.

The Commissioner of Patents of the United States is authorized and requested to issue Letters Patent of the United States to Assignee. The Assignors also authorize and request the equivalent authorities in foreign countries to issue the patents of foreign countries to Assignee.

Date: Nov 3, 2010

By: 
Tatsuhiro YOSHIDA

Date: Nov 3, 2010


Witness Signature

Paul Vernucci
Witness Printed Name
790 Street
Witness Address
Billerica MA 01862

322.8945WOU1

Date: Nov 3, 2010

Paul J. Vernucci
By: Paul J. VERNUCCI

Date: Nov 3, 2010

Tatsuro Yoshida
Witness Signature

Tatsuro Yoshida
Witness Printed Name

Witness Address
1736 Commonwealth Ave
W. Newton MA 02465