

## PATENT ASSIGNMENT

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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>Kathryn Roberts</td> <td>09/24/2009</td> </tr> <tr> <td>Randall L. Carpenter</td> <td>09/22/2009</td> </tr> <tr> <td>Mark F. Bear</td> <td>09/14/2009</td> </tr> </tbody> </table>		Name	Execution Date	Kathryn Roberts	09/24/2009	Randall L. Carpenter	09/22/2009	Mark F. Bear	09/14/2009		
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Kathryn Roberts	09/24/2009										
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>SeaSide Therapeutics, LLC</td> </tr> <tr> <td>Street Address:</td> <td>840 Memorial Drive</td> </tr> <tr> <td>City:</td> <td>Cambridge</td> </tr> <tr> <td>State/Country:</td> <td>MASSACHUSETTS</td> </tr> <tr> <td>Postal Code:</td> <td>02139</td> </tr> </table>		Name:	SeaSide Therapeutics, LLC	Street Address:	840 Memorial Drive	City:	Cambridge	State/Country:	MASSACHUSETTS	Postal Code:	02139
Name:	SeaSide Therapeutics, LLC										
Street Address:	840 Memorial Drive										
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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13362985</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13362985						
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Application Number:	13362985										
CORRESPONDENCE DATA											
Fax Number:	(978)341-0136										
Phone:	978-341-0036										
Email:	iris.fennell@hbsr.com										
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>											
Correspondent Name:	Mary K. Murray, Ph.D.										
Address Line 1:	Hamilton, Brook, Smith & Reynolds, P.C.										
Address Line 2:	530 Virginia Road, P.O. Box 9133										
Address Line 4:	Concord, MASSACHUSETTS 01742-9133										
ATTORNEY DOCKET NUMBER:	3933.1008-009										
NAME OF SUBMITTER:	Iris Fennell										
Total Attachments: 9											

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JointASSIGNMENT

WHEREAS, we, **Kathryn Roberts, Randall L. Carpenter and Mark F. Bear**, have invented a certain improvement in **METHODS OF TREATING MENTAL RETARDATION, DOWN'S SYNDROME, FRAGILE X SYNDROME AND AUTISM** described in an application for Patent,

- the specification of which is about to be filed in the United States Patent Office (*use for utility (37 CFR § 1.53(b)) and design filings only*);
- is about to be filed in the United States Patent Office as a Provisional Application;
- the specification of which is United States Application No. 12/454,202, filed May 14, 2009;
- the specification of which is a Patent Cooperation Treaty Application, International Application No. [    ], filed [    ], which designates the United States of America [and is assigned United States Application No. [    ]];
- which was patented under United States Patent No. [    ].

WHEREAS, **SeaSide Therapeutics, LLC** (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the **Commonwealth of Massachusetts**, and having a usual place of business at **840 Memorial Drive, Cambridge, MA 02139** desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue on said invention; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein; we hereby expressly authorize the filing of an International Patent Application under the Patent

Cooperation Treaty which corresponds to and claims the priority of the above-identified application;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of any future applications including substitution, reissue, divisional or continuation applications, and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request each Patent Office and the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said invention to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

Inventor's Signature: \_\_\_\_\_  
Kathryn Roberts

State/Commonwealth  
of \_\_\_\_\_  
County of \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_, before me, the undersigned notary public, personally appeared Kathryn Roberts,

- personally known to me, or
- proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL) Notary Public \_\_\_\_\_  
\_\_\_\_\_  
(print name)  
My Commission expires \_\_\_\_/\_\_\_\_/\_\_\_\_

Inventor's Signature: \_\_\_\_\_  
Randall L. Carpenter

State/Commonwealth  
of \_\_\_\_\_  
County of \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me, the undersigned notary public, personally appeared Randall L. Carpenter,

- personally known to me, or
- proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL) Notary Public \_\_\_\_\_  
\_\_\_\_\_  
(print name)  
My Commission expires \_\_\_\_/\_\_\_\_/\_\_\_\_

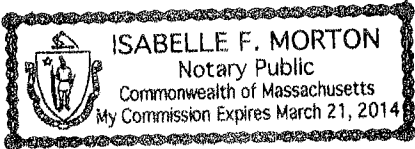
Inventor's Signature: \_\_\_\_\_  
Mark F. Bear

State/Commonwealth  
of Massachusetts  
County of Bristol

On this 14th day of September, 2009, before me, the undersigned notary public, personally appeared Mark F. Bear,

- personally known to me, or
- proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL)  Notary Public Isabelle F. Morton  
Isabelle F. Morton (print name)  
My Commission expires 3/21/2014

JointASSIGNMENT

WHEREAS, we, **Kathryn Roberts, Randall L. Carpenter and Mark F. Bear**, have invented a certain improvement in **METHODS OF TREATING MENTAL RETARDATION, DOWN'S SYNDROME, FRAGILE X SYNDROME AND AUTISM** described in an application for Patent,

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NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue on said invention; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein; we hereby expressly authorize the filing of an International Patent Application under the Patent

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IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

Inventor's Signature: Kathryn Roberts  
Kathryn Roberts

State/Commonwealth  
of CONNECTICUT  
County of FAIRFIELD

On this 24TH day of SEPTEMBER 2009, before me, the undersigned notary public, personally appeared Kathryn Roberts,

- personally known to me, or
- proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL) Notary Public Sharon Lee Lyman  
(print name)

My Commission expires      /      /     

**Sharon Lee Lyman**  
**NOTARY PUBLIC**  
State of Connecticut  
My Commission Expires 8/31/2014

Inventor's Signature: \_\_\_\_\_

Randall L. Carpenter

State/Commonwealth  
of \_\_\_\_\_  
County of \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_, before me, the undersigned notary public, personally appeared Randall L. Carpenter,

- personally known to me, or
- proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL) Notary Public \_\_\_\_\_  
 \_\_\_\_\_ (print name)  
 My Commission expires \_\_\_\_/\_\_\_\_/\_\_\_\_

Inventor's Signature: \_\_\_\_\_

Mark F. Bear

State/Commonwealth  
of \_\_\_\_\_  
County of \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_, before me, the undersigned notary public, personally appeared Mark F. Bear,

- personally known to me, or
- proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL) Notary Public \_\_\_\_\_  
 \_\_\_\_\_ (print name)  
 My Commission expires \_\_\_\_/\_\_\_\_/\_\_\_\_



Joint

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IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

Inventor's Signature: \_\_\_\_\_  
Kathryn Roberts

State/Commonwealth  
of \_\_\_\_\_  
County of \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_, before me, the undersigned notary public, personally appeared Kathryn Roberts,

- personally known to me, or
- proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL) Notary Public \_\_\_\_\_  
\_\_\_\_\_  
(print name)  
My Commission expires \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Inventor's Signature: [Signature]  
Randall L. Carpenter

State/Commonwealth of Massachusetts  
County of Middlesex

On this 22nd day of September 2009, before me, the undersigned notary public, personally appeared Randall L. Carpenter,

- personally known to me, or
- proved to me through satisfactory evidence of identification, which was drivers license

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL) Notary Public C. Crasnick-Maloney  
CARYN L. CRASNICK-MALONEY (print name)  
NOTARY PUBLIC  
My Commission Expires 02/08/2013  
My Commission Expires February 8, 2013

Inventor's Signature: \_\_\_\_\_  
Mark F. Bear

State/Commonwealth of \_\_\_\_\_  
County of \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_, before me, the undersigned notary public, personally appeared Mark F. Bear,

- personally known to me, or
- proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL) Notary Public \_\_\_\_\_  
\_\_\_\_\_  
(print name)  
My Commission expires \_\_\_\_/\_\_\_\_/\_\_\_\_