### PATENT ASSIGNMENT

### Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Daniel Z. Wetmore	02/20/2013
Todd O. Anderson	02/22/2013
Robert J. Barretto	03/19/2013
Alexander F. A. Butterwick	02/20/2013
Lia Siebert	02/21/2013

### **RECEIVING PARTY DATA**

Name:	Sheepdog Sciences, Inc.
Street Address:	2565 3rd Street, #315
City:	San Francisco
State/Country:	CALIFORNIA
Postal Code:	94107

### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13770826

### **CORRESPONDENCE DATA**

**Fax Number**: 6502127562

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: (650) 212-1700

Email: info@shayglenn.com

Correspondent Name: Shay Glenn LLP

Address Line 1: 2755 Campus Drive, Suite 210
Address Line 4: San Mateo, CALIFORNIA 94403

ATTORNEY DOCKET NUMBER:	12303-700.500
NAME OF SUBMITTER:	Mary Buggie
Signature:	/Richard D. Shoop, Reg. No. 45,763/

502378257 REEL: 030579 FRAME: 0319

13776

Date:	06/10/2013
Total Attachments: 9 source=12303-700-500_RecordationCS_Assgn#page1.tif source=12303-700-500_RecordationCS_Assgn#page2.tif source=12303-700-500_RecordationCS_Assgn#page3.tif source=12303-700-500_RecordationCS_Assgn#page4.tif source=12303-700-500_RecordationCS_Assgn#page5.tif source=12303-700-500_RecordationCS_Assgn#page6.tif source=12303-700-500_RecordationCS_Assgn#page7.tif source=12303-700-500_RecordationCS_Assgn#page8.tif source=12303-700-500_RecordationCS_Assgn#page9.tif	

PATENT REEL: 030579 FRAME: 0320

U.S. DEPARTMENT OF COMMERCE

### RECORDATION FORM COVER SHEET

PATENTS ONLY	
TO THE HONORABLE DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE. PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.	
Name of conveying party(ies):	Name and address of receiving party(ies):
<ul> <li>(1) Daniel Z. WETMORE</li> <li>(2) Todd O. ANDERSON</li> <li>(3) Robert J. BARRETTO</li> <li>(4) Alexander F. A. BUTTERWICK</li> <li>(5) Lia SIEBERT</li> <li>Additional name(s) of conveying party(ies) attached? Yes No</li> </ul>	Name: Sheepdog Sciences, Inc. 2565 3 <sup>rd</sup> Street, #315 San Francisco, CA 94107
3. Nature of Conveyance:	Name and address of receiving party(ies):
Assignment Merger	Name:
Security Agreement Change of Name	Street Address:
Other	City: State: Zip:
EXECUTION DATE(S): (1) 02/20/2013, (2) 02/22/2013, (3) 03/19/2013, (4) 02/20/2013, (5) 02/21/2013	Country: Additional name(s) & address(es) attached?  Yes No
4. Application number(s) or patent number(s):	
If this document is being filed together with a new application, the	ne execution date of the application is:
A. Patent Application No.(s) – <b>13/770,826</b>	B. Patent No.(s)
Title: APPARATUS, SYSTEM, AND METHOD FOR MODULATING CONSOLIDATION OF MEMORY DURING SLEEP	
Additional num	bers attached? Yes No
Name and address of party to whom correspondence concerning document should be mailed:	Total number of applications and patents involved:
Richard D. Shoop	
Shay Glenn LLP	
2755 Campus Drive, Suite 210 San Mateo, CA 94403	7. Total fee (37 CFR 3.41): \$40.00
	A check is enclosed that includes the total fee.
	Charge the \$40 fee to <b>Deposit Account 50-4050</b> .
DO NOT USE THIS SPACE	
8. Statement and signature.	
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.	
Richard D. Shoop, Reg. No. 45,763	June 10, 2013 Signature Date
Name of Person Signing  Total number of pages including cover sheet, attachments, and documer	-

**PATENT REEL: 030579 FRAME: 0321** 

**Docket Number:** 

12303-700.500

This Assignment of Patent Application is between: **Daniel Z. WETMORE** of San Francisco, CA; **Todd O. ANDERSON** of San Francisco, CA; **Robert J. BARRETTO** of New York, NY; **Alexander F. A. BUTTERWICK** of San Francisco, CA; and **Lia SIEBERT** of San Francisco, CA, (hereinafter referred to as "Inventor") and **Sheepdog Sciences, Inc.** a corporation of the State of Delaware, having a place of business at 2565 3<sup>rd</sup> Street, #315, San Francisco, CA, 94107, (hereinafter termed "Assignee").

WHEREAS Inventor has invented certain new and useful improvements in:

### "APPARATUS, SYSTEM, AND METHOD FOR MODULATING CONSOLIDATION OF MEMORY DURING SLEEP"

for which an application for the United States Patent was filed on February 19, 2013, Application No. 13/770,826.

WHEREAS, Assignee is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered by said Inventor (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventor to have been received in full from said Assignee:

- 1. Said Inventor does hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said application and said invention: (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.
- 2. Said Inventor hereby covenants and agrees to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventor shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of the said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contest, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor in providing such cooperation shall be paid for by said Assignee.
- 3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor, his heirs, legal representatives and assigns.
- 4. Said Inventor hereby warrants and represents that he has not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

**Docket Number:** 

12303-700.500

IN WITNESS WHEREOF, said Inventor has executed and delivered this instrument to said Assignee:

2/20/13	Dad Witco
Date	Daniel Z. WETMORE
_2/22/13 Date	Todd O. ANDERSON
Date	Robert J. BARRETTO
Date	Alexander F. A. BUTTERWICK
Date	Lia SIEBERT

**Docket Number:** 

12303-700.500

This Assignment of Patent Application is between: **Daniel Z. WETMORE** of San Francisco, CA; **Todd O. ANDERSON** of San Francisco, CA; **Robert J. BARRETTO** of New York, NY; **Alexander F. A. BUTTERWICK** of San Francisco, CA; and **Lia SIEBERT** of San Francisco, CA, (hereinafter referred to as "Inventor") and **Sheepdog Sciences, Inc.** a corporation of the State of Delaware, having a place of business at 2565 3<sup>rd</sup> Street, #315, San Francisco, CA, 94107, (hereinafter termed "Assignee").

WHEREAS Inventor has invented certain new and useful improvements in:

# "APPARATUS, SYSTEM, AND METHOD FOR MODULATING CONSOLIDATION OF MEMORY DURING SLEEP"

for which an application for the United States Patent was filed on February 19, 2013, Application No. 13/770,826.

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NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventor to have been received in full from said Assignee:

- 1. Said Inventor does hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said application and said invention: (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.
- 2. Said Inventor hereby covenants and agrees to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventor shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of the said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contest, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor in providing such cooperation shall be paid for by said Assignee.
- 3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor, his heirs, legal representatives and assigns.
- 4. Said Inventor hereby warrants and represents that he has not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

ASSIGNMENT OF PATENT APPLICAT
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**Docket Number:** 

12303-700.500

IN WITNESS WHEREOF, said Inventor has executed and delivered this instrument to said Assignee:

Date	Daniel Z. WETMORE
Date	Todd O. ANDERSON
03/19/2013  Date	Robert J. BARRETTO
Date	Alexander F. A. BUTTERWICK
Date	Lia SIEBERT

**Docket Number:** 

12303-700.500

This Assignment of Patent Application is between: **Daniel Z. WETMORE** of San Francisco, CA; **Todd O. ANDERSON** of San Francisco, CA; **Robert J. BARRETTO** of New York, NY; **Alexander F. A. BUTTERWICK** of San Francisco, CA; and **Lia SIEBERT** of San Francisco, CA, (hereinafter referred to as "Inventor") and **Sheepdog Sciences**, **Inc.** a corporation of the State of Delaware, having a place of business at 2565 3<sup>rd</sup> Street, #315, San Francisco, CA, 94107, (hereinafter termed "Assignee").

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**Docket Number:** 

12303-700.500

IN WITNESS WHEREOF, said Inventor has executed and delivered this instrument to said Assignee:

Date	Daniel Z. WETMORE
Date	Todd O. ANDERSON
Date	Robert J. BARRETTO
2/20/2013 Date	Akexander F. A. BUTTERWICK
Date	Lia SIEBERT

**Docket Number:** 

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ASSIGNMENT OF PATENT APPLICATION	Docket Number: 12303-700.500
IN WITNESS WHEREOF, said Inventor has ex	ecuted and delivered this instrument to said Assignee:
Date	Daniel Z. WETMORE
Date	Daniel 2. WETHORE
Date	Todd O. ANDERSON
Date	Robert J. BARRETTO
Date	Alexander F. A. BUTTERWICK
2/21/13	Q:VA: