502015937 08/07/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Lifestream Technology Corporation	02/17/2011

RECEIVING PARTY DATA

Name:	IxStage Medical Inc.	
Street Address:	350 Merrimack Street	
City:	Lawrence	
State/Country:	MASSACHUSETTS	
Postal Code:	01843	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	12390180	

CORRESPONDENCE DATA

Fax Number: 7036108686 703-903-9000 Phone:

ipdocketing@milesstockbridge.com Email:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: Mark A. Catan, Esq. Address Line 1: Miles & Stockbridge, PC Address Line 2: 1751 Pinnacle Drive, Suite 500 Address Line 4: McLean, VIRGINIA 22102

ATTORNEY DOCKET NUMBER:	T6858-18394US01
NAME OF SUBMITTER:	Cheryl Gibson

Total Attachments: 3

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Assignment

WHEREAS, Lifestream Technology Corporation, an Illinois corporation whose address is 701 Pike Street, Suite 1625, Seattle, Washington 98101 ("Assignor"), is the true and record owner of the patents and patent applications listed on Schedule I attached hereto ("Patents and Applications");

WHEREAS, NxStage Medical, Inc., a Delaware corporation whose address is 350 Merrimack Street, Lawrence, MA 01843 ("Assignee"), desires to acquire the entire right, title, and interest in and to the Patents and Applications;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) paid to Assignor, and other good and valuable consideration, the receipt and sufficiency of which is acknowledged, Assignor has sold, assigned, transferred, and set over, and does hereby sell, assign, transfer, and set over unto Assignee, its successors, legal representatives, and assigns, the entire right, title, and interest, including the right to sue and collect damages for infringement, sue for and receive injunctive relief, and sublicense rights, in and to the Patents and Applications, the applications, all applications claiming benefit of the Patents and Applications, including, but not limited to, all divisions and continuations of the applications, and all Letters Patent that may be granted on inventions disclosed therein in all countries, and all reissues thereof, together with the right to claim priority under the International Convention in all member countries; and Assignor authorizes and requests the Director of the United States Patent and Trademark Office and all foreign patent offices to issue all Letters Patent for the inventions to Assignee, its successors, legal representatives, and assigns in accordance with the terms of this Assignment;

AND Assignor covenants and agrees that it has the full right to convey the entire right, title, and interest herein assigned and that Assignor has not executed and will not execute any assignment or other instrument in conflict with this Assignment;

AND Assignor further covenants and agrees that upon request by Assignee, its successors, legal representatives, and/or assigns, and without further consideration, Assignor will do all lawful acts that may be necessary or desirable to assist Assignee, its successors, legal representatives, and/or assigns to obtain and enforce patent protection for the inventions in the United States and in all foreign countries, including, but not limited to, communicate with Assignee, its successors, legal representatives, and/or assigns any facts known to Assignor regarding the inventions, testify in any legal proceeding, sign all lawful papers, execute and deliver all papers that may be necessary or desirable to perfect the title to the inventions in Assignee, its successors, legal representatives, and/or assigns, execute all divisional, continuation, and reissue applications, and make all rightful oaths, it being understood that any expense incident to the rendering of such assistance will be borne by Assignee, its successors, legal representatives, and/or assigns.

AND Assignor further hereby authorizes Assignee or its attorneys or agents to insert the correct application number and filing date into this Assignment, if none is indicated on that date of execution of this Assignment.

PATENT REEL: 028735 FRAME: 0596

IN WITNESS WHEREOF, the executed as of the dates written below.	undersigned have caused this Assignment to be
	ASSIGNOR:
	LIFESTREAM TECHNOLOGY CORPORATION an Illinois Corporation
	By: Name: David S. Utterberg Title:
	Date: 657/730/
ASSIGNEE:	
NXSTAGE MEDICAL, INC. a Delaware Corporation	
By: Name: Jeffrey H. Burbank Title: Chief Executive Officer	

Date:

Schedule I

Patents and Applications

References	Title	Country	Serial #	Filed Date
T6858-18394US01	Medical Devices and Methods for Assisting in Sub- Scab Access	US	12/390,180	02/20/2009
T6858-18394US02	Medical Devices and Methods for Assisting in Sub- Scab Access	US	12/945,485	11/12/2010

PATENT REEL: 028735 FRAME: 0598

RECORDED: 08/07/2012