

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	NUNC PRO TUNC ASSIGNMENT						
EFFECTIVE DATE:	08/01/2007						
CONVEYING PARTY DATA							
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>John E. Scharf</td><td>06/06/2003</td></tr><tr><td>Bhavin B. Shah</td><td>06/09/2003</td></tr></tbody></table>		Name	Execution Date	John E. Scharf	06/06/2003	Bhavin B. Shah	06/09/2003
Name	Execution Date						
John E. Scharf	06/06/2003						
Bhavin B. Shah	06/09/2003						
RECEIVING PARTY DATA							
Name:	Dolphin Medical, Inc.						
Street Address:	12525 Chadron Avenue						
City:	Hawthorne						
State/Country:	CALIFORNIA						
Postal Code:	90250						
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>11343914</td></tr></tbody></table>		Property Type	Number	Application Number:	11343914		
Property Type	Number						
Application Number:	11343914						
CORRESPONDENCE DATA							
Fax Number:	(425)657-7205						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	425-657-7200						
Email:	clay.west@spacelabs.com						
Correspondent Name:	Clarence F. West						
Address Line 1:	5150 220th Ave SE						
Address Line 4:	Issaquah, WASHINGTON 98029						
NAME OF SUBMITTER:	Clarence F. West						
Total Attachments: 3 source=w-o cover 7020507 inventor assignment file for11343914#page1.tif source=w-o cover 7020507 inventor assignment file for11343914#page2.tif source=w-o cover 7020507 inventor assignment file for11343914#page3.tif							

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PATENT
REEL: 021490 FRAME: 0214

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, we, JOHN E. SCHARF AND BHAVIN SHAH, citizens of THE UNITED STATES (hereinafter referred to as "ASSIGNOR"), have invented and own a certain invention entitled SEPARATING MOTION FROM CARDIAC SIGNALS USING SECOND ORDER DERIVATIVE OF THE PHOTOPLETHYSMOGRAM AND FAST FOURIER TRANSFORMS for which application for Letters Patent of the United States of America has been filed on January 30, 2003 and has been assigned Serial No. 10/356,697; and

WHEREAS, DOLPHIN MEDICAL, INC., a corporation organized and existing under and by virtue of the laws of the State of California and having its place of business at 12525 Chadron Avenue, Hawthorne, CA 90250 (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the exclusive right, title and interest in, to and under said invention and in, to and under any Patent or similar legal protection to be obtained therefor in the United States of America, its territorial possessions and in any and all countries foreign thereto.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns, transfers and sets over unto the said ASSIGNEE, its successors and assigns, the full and exclusive right, title and interest to said invention and to all Letters Patent or application or similar legal protection, not only in the United States and its territorial possessions, but in all countries foreign thereto, to be obtained for said invention by said application, and to any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in the United States or a foreign country for the full term or terms for which the same may be granted, including all priority rights under the International Convention; and ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent or any legal equivalent thereof to said ASSIGNEE, its successors and assigns, in accordance with this Assignment.

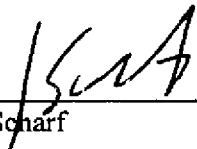
ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Agreement;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to

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ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents in the United States or in any foreign country, which may be necessary or desirable to carry out the purposes thereof.

WITNESS my hand at Tampa, Florida, this 6th day of
June, 2003.



John E. Scharf

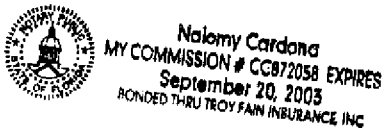
STATE OF _____)
COUNTY OF _____) ss

On 6/6/03 before me, Naiomy Cardona, personally appeared
John E. Scharf ☐ personally known to me - OR - ☐ proved to me on the basis of satisfactory
evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that
he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the
instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.



Notary Public in and for said County and State



ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents in the United States or in any foreign country, which may be necessary or desirable to carry out the purposes thereof.

WITNESS my hand at WEST LAFAYETTE, INDIANA, this 9th day of JUNE, 2003.

Bhavin Shah
Bhavin Shah

STATE OF Indiana)
COUNTY OF Tippecanoe) ss

On June 9, 2003 before me, Michelle Gustin, personally appeared Bhavin Shah ☐ personally known to me - OR - ☒ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Michelle Gustin
Notary Public in and for said County and State

