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(Rev. 03/ 01) OMB No. 0851-0027 (exp. 5/31/2002) PATENTS ONLY U.S. Patent and Trademark Office		
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof		
Name of conveying party(ies):	Name and address of receiving party(ies)	
Scott MAKEIG (07/27/2004) and Jörn ANEMÜLLER (07/26/2004)	Name: The Salk Institute for Biological Studies	
	Internal Address:	
Additional name(s) of conveying party(les) Yes X No	Street Address:	
3. Nature of Conveyance:	10010 North Torrey Pines Road	
X Assignment Merger		
Security Agreement Change of Name	City: La Jolia	
Other	State: California Zip: 92037-1099	
Execution Date: see Box 1, conveying parties	Additional name(s) & Yes x No address(es) attached:	
Application number(s) or patent number(s):		
A. Patent Application No.(s): 10/816,568 Additional numbers attache	B. Patent No.(s):	
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:	
Name: Robert E. Scheid MORRISON & FOERSTER LLP	7. Total fee (37 CFR 3.41) \$ 40.00	
Internal Address: Atty. Dkt.: 532792000700	Enclosed	
Street Address: 425 Market Street	X Authorized to be charged to deposit account	
420 Market Greet	Authorized to be charged to credit card (Form 2038 enclosed)	
	8. Deposit account number:	
City: State: Zip: CA 94105	03-1952 (Attach duplicate copy of this page if paying by deposit account)	
DO NOT USE THIS SPACE		
9. 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.		
Robert E. Scheid (Reg. No. 42,126) Name of Person Signing	September 14, 2004 Signature Date	
Total number of pages including cover sheet, attachments, and documents:		

PATENT REEL: 015138 FRAME: 0778

ASSIGNMENT JOINT

THIS ASSIGNMENT, by Scott MAKEIG and Jörn ANEMÜLLER (hereinafter referred to as the assignors), residing at 1003 Sandcastle, Cardiff, California 92007 and 7825 Exchange Place, La Jolla, California 92037, respectively, witnesseth:

WHEREAS, said assignors have invented certain new and useful improvements in MONITORING AND REPRESENTING COMPLEX SIGNALS, set forth in an application for Letters Patent of the United States, bearing Serial No. 10/816,568 and filed on March 31, 2004; and

WHEREAS, The Salk Institute for Biological Studies, a corporation duly organized under and pursuant to the laws of California and having its principal place of business at 10010 North Torrey Pines Road, La Jolla, California 92037-1099 (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto said assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignors are the sole and lawful owners of the entire right, title and interest in and to said inventions and the application for Letters Patent above-mentioned, and that the same are unencumbered and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-inpart of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said inventions and the Letters Patent to be issued thereon for the sole use of said assignee, its successors, legal representatives and assigns.

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Jörn ANEMÜLLER

PATENT REEL: 015138 FRAME: 0779

STATE OF CALIFORNIA)
COUNTY OF)
subscribed to the within in evidence to be the person v acknowledged to me that h	before me, the undersigned Notary Public in and for said Scott Makeig known to me to be the person whose name is strument, or proved to me on the basis of satisfactory whose name is subscribed to the within instrument and se executed the same in his authorized capacity, and that by ment the person or the entity upon behalf of which the instrument.
WITNESS my hand and of	ficial seal.
(Signature of Notary)	

STATE OF CALIFORNIA)
COUNTY OF Ser Diego)

On July 27, 2004 before me, the undersigned Notary Public in and for said State, personally appeared Jörn Anemüller known to me to be the person whose name is subscribed to the within instrument, or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

(Signature of Notary)



STATE OF CALIFORNIA)
COUNTY OF)
On <u>Jugust 31, 2004</u> before me, the undersigned Notary Public in and for said State, personally appeared Scott Makeig known to me to be the person whose name is subscribed to the within instrument, or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person or the entity upon behalf of which the person acted, executed the instrument.
WITNESS my hand and official seal.
(Signature of Notary) CONSTANCE MUELLER Commission # 1486270 Notary Public - California San Diego County My Comm. Biplies Apr 27, 2008
STATE OF CALIFORNIA)
COUNTY OF)
On before me, the undersigned Notary Public in and for said State, personally appeared Jörn Anemüller known to me to be the person whose name is subscribed to the within instrument, or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person or the entity upon behalf of which the person acted, executed the instrument. WITNESS my hand and official seal.

PATENT REEL: 015138 FRAME: 0781

(Signature of Notary)