Electronic Version v1.1

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SUBMISSION TYPE:			NEW ASSIGNMENT		
NATURE OF CONVEYANCE:			ASSIGNMENT		
CONVEYING PARTY DATA					
N			ame	Execution Date	
Christopher N Daly				09/18/2005	
Kerrie Plant				09/21/2005	
Mary-Ann Law				09/21/2005	
Peter Seligman				09/23/2005	
RECEIVING PARTY DATA					
Name:	Cochlear Limited				
Street Address:	P.O. Box 629				
City:	Lane Cove, NSW				
State/Country:	AUSTRALIA				
Postal Code:	2066				
PROPERTY NUMBERS Total: 1					
Property Type			Number		
Application Number: 112		11219	9823		
CORRESPONDENCE DATA					
Fax Number:(703)591-5907Correspondence will be sent via US Mail when the fax attempt is unsuccessful.Phone:7035912664Email:janet.wright@jagtiani.comCorrespondent Name:Jagtiani + GuttagAddress Line 1:10363-A Democracy LaneAddress Line 4:Fairfax, VIRGINIA 22030					
ATTORNEY DOCKET NUMBER:			COCH-0063-UT1		
NAME OF SUBMITTER:			Ajay A Jagtiani		
Total Attachments: 4 source=COCH-0063-UT1 11,219,823 (all)#page1.tif F000C20E2					
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PATENT REEL: 016837 FRAME: 0312

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COCH-0063-UT1-1

ASSIGNMENT

WHEREAS, CHRISTOPHER N. DALY, whose post office address appears below (hereinafter referred to as ASSIGNOR), has invented certain new and useful improvements in a MULTIPLE CHANNEL-ELECTRODE MAPPING (hereinafter referred to as THE INVENTION) for which an application for United States Letters Patent was filed on September 7, 2005, and assigned Serial Number 11/219,823

WHEREAS, COCHLEAR LIMITED, whose post office address is P. O. Box 629, Lane Cove, NSW 2066 Australia, (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire right, title and interest in and to the same in the United States and throughout the world;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNOR, by these presents does sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said invention and application throughout the United States of America, including any and all United States Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application; and the entire right, title and interest in and to said invention throughout the world, including the right to apply for patents and inventor certificates in respect thereof and to claim priority pursuant to rights accorded ASSIGNOR under the terms of the Paris International Convention and all other available international conventions and treaties; and the entire right, title and interest in and to any and all patents of addition, utility models, patents of importation, revalidation patents and inventor certificates which may be granted throughout the world in respect of said invention.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) or inventor certificate(s) in the United States and in foreign countries for said invention, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said invention, all without further consideration. Assigner also agrees, without further consideration and at ASSIGNEE's expense, to identify and communicate to ASSIGNEE at ASSIGNEE's request documents and information concerning the invention that are within ASSIGNOR's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument.

ASSIGNOR also agrees, without further consideration and at ASSIGNEE'S expense, to transfer the right to sue for past infringement to ASSIGNEE and at ASSIGNEE'S request documents and information concerning the enforcement of the right to sue within ASSIGNOR'S possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the right to sue of any patent encompassed within the terms of this instrument.

ASSIGNOR'S obligations under this instrument shall extend to ASSIGNOR'S heirs, executors, administrators and other legal representatives.

ASSIGNOR'S hereby grants the firm of Jagtiani + Guttag of Fairfax, VA (Registration No. 35,205) the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent referred to above to ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and behalf; and for the use and behalf of ASSIGNEE's legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

Christopher N. Daly 95 Cheryl Crescent Bigola Plateau, NSW 2107 Australia

Signatur

15 SEP	2æ5.
Date	

PATENT REEL: 016837 FRAME: 0313

ASSIGNMENT

WHEREAS, KERRIE PLANT, whose post office address appears below (hereinafter referred to as ASSIGNOR), has invented certain new and useful improvements in a MULTIPLE CHANNEL-ELECTRODE MAPPING (hereinafter referred to as THE INVENTION) for which an an application for United States Letters Patent was filed on September 7, 2005, and assigned Serial Number 11/219,823

WHEREAS, COCHLEAR LIMITED, whose post office address is P. O. Box 629, Lane Cove, NSW 2066 Australia, (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire right, title and interest in and to the same in the United States and throughout the world;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNOR, by these presents does sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said invention and application throughout the United States of America, including any and all United States Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application; and the entire right, title and interest in and to said invention throughout the world, including the right of apply for patents and inventor certificates in respect thereof and to claim priority pursuant to rights accorded ASSIGNOR under the terms of the Paris International Convention and all other available international conventions and treaties; and the entire right, title and interest in and to any and all patents, patents of addition, utility models, patents of importation, revalidation patents and inventor certificates which may be gramed throughout the world in respect of said invention.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) or inventor certificate(s) in the United States and in foreign countries for said invention, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said invention, all without further consideration and at ASSIGNEE's expense, to identify and communicate to ASSIGNEE's request documents and information concerning the invention that are within ASSIGNOR's possession or control, and to provide further assurances and testinony on behalf of ASSIGNEE that lawfully may be required of ASSIGNE in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument.

ASSIGNOR also agrees, without further consideration and at ASSIGNEE'S expense, to transfer the right to sue for past infringement to ASSIGNEE's request documents and information concerning the enforcement of the right to sue within ASSIGNEE's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the right to sue of any patent encompassed within the terms of this instrument.

ASSIGNOR'S obligations under this instrument shall extend to ASSIGNOR'S heirs, executors, administrators and other legal representatives.

Assignors's hereby grants the firm of Jagtiani + Guttag of Fairfax, VA (Registration No. 35,205) the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

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Kerrie Plant 22 Churchill Avenue Cheltenham, VIC 3192 Australia

Kerne ben (Signature

2 : 1 05 Date

> PATENT REEL: 016837 FRAME: 0314

ASSIGNMENT

WHEREAS, MARY-ANN LAW, whose post office address appears below (hereinafter referred to as ASSIGNOR), has invented certain new and useful improvements in a MULTIPLE CHANNEL-ELECTRODE MAPPING (hereinafter referred to as THE INVENTION) for which an an application for United States Letters Patent was filed on September 7, 2005, and assigned Serial Number 11/219,823

WHEREAS, COCHLEAR LIMITED, whose post office address is P. O. Box 629, Lane Cove, NSW 2066 Australia, (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire right, title and interest in and to the same in the United States and throughout the world;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNOR, by these presents does sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said invention and application throughout the United States of America, including any and all United States Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application; and the entire right, title and interest in and to said invention throughout the world, including the right of apply for patents and inventor certificates in respect thereof and to claim priority pursuant to rights accorded ASSIGNOR under the terms of the Paris International Convention and all other available international conventions and treaties; and the entire right, title and interest in and to any and all patents, patents of addition, utility models, patents of importation, revalidation patents and inventor certificates which may be granted throughout the world in respect of said invention.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) or inventor certificate(s) in the United States and in foreign countries for said invention, including additional documents that may be required to affirm the rights of AssiGNEE in and to said invention, all without further consideration and at ASSIGNEE is not control, all without further consideration and at ASSIGNEE's expense, to identify and continuncate to ASSIGNEE at ASSIGNEE's request documents and information concerning the invention that are within ASSIGNOR's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of AssiGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument.

ASSIGNOR also agrees, without further consideration and at ASSIGNEE'S expense, to transfer the right to sue for past infringement to ASSIGNEE and at ASSIGNEE's request documents and information concerning the enforcement of the right to sue within ASSIGNER's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the right to sue of any patent encompassed within the terms of this instrument.

ASSIGNOR'S obligations under this instrument shall extend to ASSIGNOR'S heirs, executors, administrators and other legal representatives.

Assignments hereby grants the firm of Jagtiani + Guttag of Fairfax, VA (Registration No. 35,205) the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent referred to above to ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE'S sole use and behalf; and for the use and behalf of ASSIGNEE'S legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been typed.

Mary-Ann Law Level 1, 174 Victoria Parade East Melbourne, VIC 3002 Australia

PATENT REEL: 016837 FRAME: 0315

ASSIGNMENT

WHEREAS, PETER SELIGMAN, whose post office address appears below (hereinafter referred to as ASSIGNOR), has invented certain new and useful improvements in a MULTIPLE CHANNEL-REFERENCE MARPING (bereinafter referred to as THE INVENTION) for which as an application for United States Letters Patent was filed on September 7, 2005, and assigned Serial Number 11/219,823

WHEREAS, COCHLEAR LIMITED, whose post office address is P. O. Box 629, Lane Cove, NSW 2066 Australia, (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire right, title and interest in and to the same in the United States and throughout the world;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNOR, by these presents does sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said invention and application throughout the United States of America, including any and all United States Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application; and the entire right, title and interest in and to said invention throughout the world, including the right oapply for patents and inventor certificates in respect thereof and to claim priority pursuant to rights accorded ASSIGNOR under the terms of the Paris International Convention and all other available international conventions and treaties; and the entire right, title and interest in and to any and all patents, patents of addition, utility models, patents of importation, revalidation patents and inventor certificates which may be granted throughout the world in respect of said invention.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) or inventor cortificate(s) in the United States and in foreign countres for said invention, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said invention, all without further consideration. ASSIGNEE is equest documents and information concerning the invention that are within ASSIGNEE's request documents and information concerning the invention that are within ASSIGNEA's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNER in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument.

ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to transfer the right to sue for past infringement to ASSIGNEE and at ASSIGNEE's request documents and information concerning the enforcement of the right to sue within ASSIGNOR's possession or control, and to provide further assurances and restimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the right to sue of any patent encompassed within the terms of this instrument.

ASSIGNOR'S obligations under this instrument shall extend to ASSIGNOR'S heirs, executors, administrators and other legal representatives.

AssiGNOR'S hereby grants the firm of Jagtiani + Guttag of Fairfax, VA (Registration No. 35,205) the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent referred to above to ASSIGNED of the entire right, title and interest in and to the same, for ASSIGNED's sole use and behalf; and for the use and behalf of ASSIGNED's legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been heid by ASSIGNOR had this assignment and sale not been made.

Peter Seligman 107 Fawkner Street Essendon VIC 3040 Australia

Peter Cely

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RECORDED: 12/01/2005