

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT																		
NATURE OF CONVEYANCE:	ASSIGNMENT																		
CONVEYING PARTY DATA																			
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr><td>Frederik Nagel</td><td>04/19/2011</td></tr> <tr><td>Sascha Disch</td><td>04/19/2011</td></tr> <tr><td>Max Neuendorf</td><td>04/28/2011</td></tr> <tr><td>Stefan Bayer</td><td>04/19/2011</td></tr> <tr><td>Marc Gayer</td><td>04/20/2011</td></tr> <tr><td>Markus Lohwasser</td><td>04/19/2011</td></tr> <tr><td>Nikolaus Rettelbach</td><td>04/19/2011</td></tr> <tr><td>Ulrich Kraemer</td><td>02/23/2011</td></tr> </tbody> </table>		Name	Execution Date	Frederik Nagel	04/19/2011	Sascha Disch	04/19/2011	Max Neuendorf	04/28/2011	Stefan Bayer	04/19/2011	Marc Gayer	04/20/2011	Markus Lohwasser	04/19/2011	Nikolaus Rettelbach	04/19/2011	Ulrich Kraemer	02/23/2011
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CORRESPONDENCE DATA																			
<p>Fax Number: (650)474-8401 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 650-474-8400 Email: ptomatters@glenn-law.com Correspondent Name: Glenn Patent Group Address Line 1: 3475 Edison Way, Suite L Address Line 4: Menlo Park, CALIFORNIA 94025</p>																			
ATTORNEY DOCKET NUMBER:	SCHO0495C																		

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PATENT
REEL: 026344 FRAME: 0490

NAME OF SUBMITTER:

Michael A. Glenn

Total Attachments: 4

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ASSIGNMENT

WHEREAS, We/I, Frederik NAGEL, Sascha DISCH, Max NEUENDORF, Stefan BAYER, Marc GAYER, Markus LOHWASSER, Nikolaus RETTELBACH, Ulrich KRAEMER, hereinafter referred to as "ASSIGNOR(S)", have invented certain new and useful improvements, as described and set forth in the below-identified application for United States Letters Patent entitled:

APPARATUS AND METHOD FOR GENERATING A BANDWIDTH EXTENDED SIGNAL

Filing Date: January 11, 2011

Serial No. 13/004,314

WHEREAS, Fraunhofer-Gesellschaft zur Foerderung der angewandten Forschung e.V., a corporation duly organized under and pursuant to the laws of the country of Germany, having its principal place of business at Hansastrasse 27c, 80686 Munich, Germany, hereinafter referred to as "ASSIGNEE", is desirous of acquiring the entire right, title, and interest in the said invention and application and in any Letters Patent which may be granted with regard to the same.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for One Dollar (\$1.00) and other good and valuable consideration, ASSIGNOR(S) have sold, assigned, and transferred, and by these presents does sell, assign, and transfer unto the said ASSIGNEE, and ASSIGNEE'S successors and assigns, all right, title, and interest in and to said invention, said application for United States Letters Patent and any Letters Patent which may be hereafter granted on the same in the United States and all countries throughout the world, including any divisions, renewals, continuations in whole or part, substitutions, conversions, reissues, revivals, prolongation, or extensions thereof, said interest to be held and enjoyed by said ASSIGNEE as fully and exclusively as it would have been held and enjoyed by said ASSIGNOR(S) had this assignment and transfer not been made, for all time.

ASSIGNOR(S) further agrees that they will, without charge to said ASSIGNEE, but at ASSIGNEE'S expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications, execute, verify, acknowledge, and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as ASSIGNEE may lawfully request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE, or ASSIGNEE'S successors and assigns.

ASSIGNOR(S) grants the attorney of record the power to insert on this Assignment any further identification that 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.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.


IN TESTIMONY WHEREOF, ASSIGNOR(S) has hereunto signed his name to the assignment on the date indicated below.


Frederik NAGEL

19.4.2011
Date


Sascha BISCH

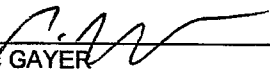
19.4.2011
Date


Max NEUENDORF


28.4.2011
Date


Stefan BAYER

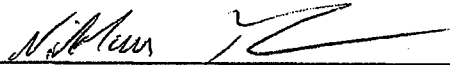
19.04.2011
Date


Marc GAYER

20.04.2011
Date


Markus LOHWASSER

19.4.2011
Date


Nikolaus RETTELBACH

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Ulrich KRAEMER

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23-FEB-2011
Date