

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Marc Goldberg</td> <td>08/07/2012</td> </tr> <tr> <td>Philip Bednarz</td> <td>08/08/2012</td> </tr> </tbody> </table>		Name	Execution Date	Marc Goldberg	08/07/2012	Philip Bednarz	08/08/2012
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Marc Goldberg	08/07/2012						
Philip Bednarz	08/08/2012						
RECEIVING PARTY DATA							
Name:	Adaptive Spectrum and Signal Alignment, Inc.						
Street Address:	333 Twin Dolphin Drive						
City:	Redwood City						
State/Country:	CALIFORNIA						
Postal Code:	94065-1417						
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>13610195</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13610195		
Property Type	Number						
Application Number:	13610195						
CORRESPONDENCE DATA							
Fax Number:	5034396073						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	5034398778						
Email:	merissa_anderson@bstz.com						
Correspondent Name:	Spencer K. Hunter						
Address Line 1:	1279 Oakmead Parkway						
Address Line 4:	Sunnyvale, CALIFORNIA 94085						
ATTORNEY DOCKET NUMBER:	8241P048D						
NAME OF SUBMITTER:	Spencer K. Hunter						
Total Attachments: 2 source=20120822_Assignment_8241P048#page1.tif source=20120822_Assignment_8241P048#page2.tif							

CH \$40.00 13610195

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned:

Marc GOLDBURG; Philip BEDNARZ

hereby sell, assign, and transfer to

Adaptive Spectrum and Signal Alignment, Inc.

a Corporation of California, having a principal place of business at 333 Twin Dolphin Drive, Redwood City, California 94065-1417 United States ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions or improvements that are disclosed in the application (provisional or non-provisional) for the United States patent which for the non-provisional application may have a declaration executed by the undersigned prior hereto or concurrently herewith and which application (provisional or non-provisional) is entitled

DEVICE ABSTRACTION PROXY

said patent application also identified as follows (when known):

[I/we hereby authorize an attorney or agent for said Assignee to insert below the application number and filing date of said patent application when known.]

PCT Application Number PCT/US10/55173 filed November 2, 2010,

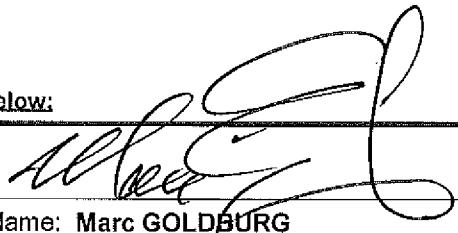
and in and to said application (provisional or non-provisional) and all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions or improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said inventions or improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said inventions or improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said inventions or improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and legal representatives all facts known to the undersigned relating to said inventions or improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or legal representatives in securing and maintaining proper patent protection for said inventions or improvements and for vesting title to said inventions or improvements, and all applications for patents and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each Inventor: Please Sign and Date Below:

8/7/12
Date


Name: Marc GOLDBURG

8/8/12
Date


Name: Philip BEDNARZ

Date

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