

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>Sungho Yun</td> <td>12/11/2012</td> </tr> <tr> <td>Marc Goldberg</td> <td>12/11/2012</td> </tr> <tr> <td>Carlos Garcia</td> <td>12/11/2012</td> </tr> <tr> <td>Wonjong Rhee</td> <td>12/11/2012</td> </tr> </tbody> </table>		Name	Execution Date	Sungho Yun	12/11/2012	Marc Goldberg	12/11/2012	Carlos Garcia	12/11/2012	Wonjong Rhee	12/11/2012
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Adaptive Spectrum and Signal Alignment, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>333 Twin Dolphin Drive</td> </tr> <tr> <td>City:</td> <td>Redwood City</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>94065-1417</td> </tr> </table>		Name:	Adaptive Spectrum and Signal Alignment, Inc.	Street Address:	333 Twin Dolphin Drive	City:	Redwood City	State/Country:	CALIFORNIA	Postal Code:	94065-1417
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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>PCT Number:</td> <td>US2012059395</td> </tr> </tbody> </table>		Property Type	Number	PCT Number:	US2012059395						
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PCT Number:	US2012059395										
CORRESPONDENCE DATA											
<p>Fax Number: 5034396073 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 5034398778 Email: merissa_anderson@bstz.com Correspondent Name: Spencer K. Hunter Address Line 1: 1279 Oakmead Parkway Address Line 4: Sunnyvale, CALIFORNIA 94085</p>											
ATTORNEY DOCKET NUMBER:	8241P068PCT										
NAME OF SUBMITTER:	Spencer K. Hunter										
<p>Total Attachments: 2 source=20130122_Assignment_8241P068PCT#page1.tif source=20130122_Assignment_8241P068PCT#page2.tif</p>											

CH \$40.00 US2012059395

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, the below-named inventor(s):

Sungho Yun; Marc Goldberg; Carlos Garcia; Wonjong Rhee

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

METHOD AND SYSTEM FOR LATENCY MEASUREMENT IN COMMUNICATION SYSTEMS

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.]

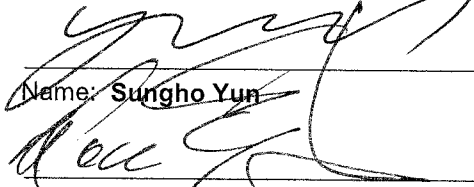
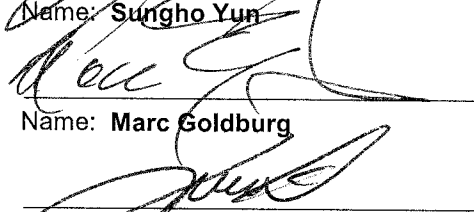
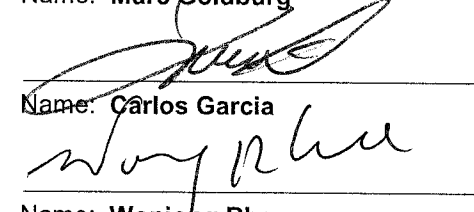
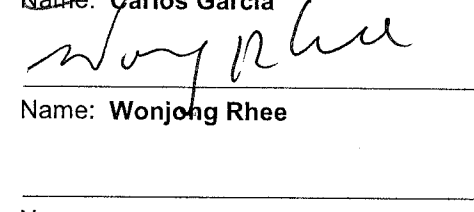
PCT Application Number PCT/US12/59395 filed October 9, 2012,

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:

12/11/12	
Date	Name: Sungho Yun
12/11/12	
Date	Name: Marc Goldberg
12/11/12	
Date	Name: Carlos Garcia
12/11/12	
Date	Name: Wonjong Rhee
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Date	Name:
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Date	Name:
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Date	Name:

Assignment Document Return Address:
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