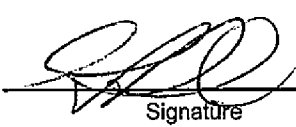
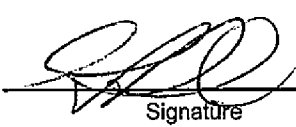
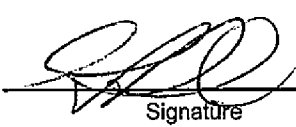


Based on FORM **PTO-1595** (Rev. 08/05)
as modified by Blakely, Sokoloff, Taylor & Zafman (wlr) 11/30/2005

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3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: <u>4/2/08; 3/28/08; 3/28/08; 3/20/08;</u> <u>3/26/08; 3/28/08</u>	4. Application number(s) or patent number(s): <input type="checkbox"/> This document is being filed together with a new application. <table style="width: 100%;"> <tr> <td style="width: 50%; text-align: center;"> A. Patent Application No.(s) 12/089,044 </td> <td style="width: 50%; text-align: center;"> B. Patent No.(s) </td> </tr> </table> Additional numbers attached? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	A. Patent Application No.(s) 12/089,044	B. Patent No.(s) 	
A. Patent Application No.(s) 12/089,044	B. Patent No.(s) 			
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Blakely, Sokoloff, Taylor & Zafman LLP Internal Address: _____ Street Address: 1279 Oakmead Parkway City: Sunnyvale State: CA ZIP: 94085 Phone Number: (503) 439-8778 Fax Number: (503) 439-6073 E-mail Address: greg.d.caldwell@bstz.com	6. Total number of applications and patents involved: 1 7. Total Fee (37 CFR 3.41).....\$ 40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit Account Number: 02-2666 (Attach duplicate copy of this page if paying by deposit account)			
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9. Statement and signature. <i>To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.</i> <table style="width: 100%;"> <tr> <td style="width: 40%;"> Gregory D. Caldwell Name of Person Signing </td> <td style="width: 30%; text-align: center;">  Signature </td> <td style="width: 30%; text-align: center;"> 4/7/08 Date </td> </tr> </table> Total number of pages including cover sheet, attachments, and document: 5		Gregory D. Caldwell Name of Person Signing	 Signature	4/7/08 Date
Gregory D. Caldwell Name of Person Signing	 Signature	4/7/08 Date		

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Docket No. 8241P029

700366947

PATENT
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CH \$40.00 022666 12089044

Attorney's Docket No.: 8241P029

ASSIGNMENT

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

**John M. Cioffi; Wonjong Rhee; Georgios Ginis; Sumanth Jagannathan; Peter Silverman;
Mehdi Mohseni**

hereby sell, assign, and transfer to

Adaptive Spectrum and Signal Alignment, Inc.

a Corporation of California, having a principal place of business at 303 Twin Dolphin Drive, Suite 203, Redwood City, California 94065-1417 USA ("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 may have a declaration executed by the undersigned prior hereto or concurrently herewith and is entitled

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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.]

United States Patent Application Number Unassigned filed _____,

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:

4/2/08 [Signature]
Date Name: **John M. Cioffi**

3/28/2008 [Signature]
Date Name: **Wonjong Rhee**

3/28/2008 [Signature]
Date Name: **Georgios Ginis**

03/20/2008 [Signature]
Date Name: **Sumanth Jagannathan**

Date Name: **Peter Silverman**

03-28-2008 [Signature]
Date Name: **Mehdi Mohseni**

Date Name:

Date Name:

Date Name:

Date Name:

Date Name:

Date Name:

Assignment Document Return Address:

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
1279 Oakmead Parkway
Sunnyvale, CA 94085-4040
Telephone: (503) 439-8778

Attorney's Docket No.: 8241P029

ASSIGNMENT

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

John M. Cioffi; Wonjong Rhee; Georgios Ginis; Sumanth Jagannathan; Peter Silverman;
Mehdi Mohseni

Peter Joshua Silverman
3/28/08

hereby sell, assign, and transfer to

Adaptive Spectrum and Signal Alignment, Inc.

a Corporation of California, having a principal place of business at 303 Twin Dolphin Drive, Suite 203, Redwood City, California 94065-1417 USA ("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 may have a declaration executed by the undersigned prior hereto or concurrently herewith and is entitled

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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.]

United States Patent Application Number Unassigned filed

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:

Date

Name: **John M. Cioffi**

Date

Name: **Wonjong Rhee**

Date

Name: **Georgios Ginis**

Date

Name: **Sumanth Jagannathan**

3/26/2008

Date

Name: **Peter Silverman**

Peter Joshua Silverman
3/28/08

Date

Name: **Mehdi Mohseni**

Date

Name:

Date

Name:

Date

Name:

Date

Name:

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Name:

Date

Name:

Assignment Document Return Address:

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
1279 Oakmead Parkway
Sunnyvale, CA 94085-4040
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