

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5526380

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	ADAPTIVE SPECTRUM AND SIGNAL ALIGNMENT, INC.	05/15/2019
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	ASSIA SPE, LLC	
<b>Street Address:</b>	1209 ORANGE ST.	
<b>Internal Address:</b>	CORPORATION TRUST CENTER	
<b>City:</b>	WILMINGTON	
<b>State/Country:</b>	DELAWARE	
<b>Postal Code:</b>	19801	
<b>PROPERTY NUMBERS Total: 2</b>		
	<b>Property Type</b>	<b>Number</b>
	<b>Application Number:</b>	15028932
	<b>Application Number:</b>	16383214
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(650)856-0542	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
<b>Phone:</b>	6508567539	
<b>Email:</b>	nmiller@northweber.com	
<b>Correspondent Name:</b>	NORTH WEBER & BAUGH LLP	
<b>Address Line 1:</b>	3260 HILLVIEW AVE., 1ST FL.	
<b>Address Line 4:</b>	PALO ALTO, CALIFORNIA 94304	
<b>ATTORNEY DOCKET NUMBER:</b>	20145-083US, 083USC	
<b>NAME OF SUBMITTER:</b>	NITA MILLER	
<b>SIGNATURE:</b>	/Nita Miller/	
<b>DATE SIGNED:</b>	05/16/2019	
<b>Total Attachments: 2</b>		
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## ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, Adaptive Spectrum And Signal Alignment, Inc., having a place of business at 333 Twin Dolphin Dr., Redwood City, CA 94065, (hereinafter "ASSIGNOR") has sold, assigned, transferred, and set over, and hereby sells, assigns, transfers and sets over, to ASSIA SPE, LLC, a corporation of the State of Delaware, having a place of business at 1209 Orange St., Wilmington, DE 19801, (hereinafter "ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

1. The full and exclusive worldwide right, title, and interest in and to all inventions and improvements ("SUBJECT MATTER") that are disclosed in the following patents and or applications ("PATENT")

A. Docket #**20145-083**, entitled "AUTOMATIC BROADBAND INFORMATION CORRELATION & RECORD GENERATION"

☒ PCT/US2013/064994

☒ US15/028,932

☒ US16/383,214

2. The entire worldwide right, title, and interest in and to the PATENT and all applications claiming priority to the PATENT or having related SUBJECT MATTER to the PATENT, including all such utility, divisional, continuation, substitute, renewal, reissue, international, or other related applications and all rights of priority in the PATENT, together with all rights to recover damages for infringement.

ASSIGNOR hereby authorizes and requests the Commissioner of the US Patent and Trademark Office, and Patent Office Officials in all foreign countries, to issue to the ASSIGNEE any and all patents which have been or may be granted.

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. ASSIGNOR and ASSIGNEE signature blocks are located on the following page.

ASSIGNOR: Adaptive Spectrum And Signal Alignment, Inc.  
333 Twin Dolphin Dr.  
Redwood City, CA 94065  
DocuSigned by:  
John Cioffi  
08020808358E425  
John M. Cioffi, Chief Executive Officer

Date: 5/15/2019

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ASSIGNEE: ASSIA SPE, LLC  
1209 Orange St.  
Wilmington, DE 19801  
DocuSigned by:  
John Cioffi  
08020808358E425  
John M. Cioffi, Chief Executive Officer

Date: 5/15/2019