

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5571561

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
ADAPTIVE SPECTRUM AND SIGNAL ALIGNMENT, INC.		06/11/2019
RECEIVING PARTY DATA		
Name:	ASSIA SPE, LLC	
Street Address:	1209 ORANGE ST.	
Internal Address:	CORPORATION TRUST CENTER	
City:	WILMINGTON	
State/Country:	DELAWARE	
Postal Code:	19801	
PROPERTY NUMBERS Total: 5		
Property Type	Number	
Application Number:	60723415	
Application Number:	60839093	
Patent Number:	8009665	
Patent Number:	9203724	
Application Number:	14685522	
CORRESPONDENCE DATA		
Fax Number:	(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>		
Phone:	6508567539	
Email:	nmiller@northweber.com	
Correspondent Name:	NORTH WEBER & BAUGH LLP	
Address Line 1:	3260 HILLVIEW AVE., 1ST FL.	
Address Line 4:	PALO ALTO, CALIFORNIA 94304	
ATTORNEY DOCKET NUMBER:	20145-029P, P2, USD, USDC	
NAME OF SUBMITTER:	NITA MILLER	
SIGNATURE:	/Nita Miller/	
DATE SIGNED:	06/13/2019	
Total Attachments: 2		

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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 203 Redwood Shores Parkway, 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 Street, Corporation Trust Center, 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"), entitled, "DSL SYSTEM," Docket No. **20145-029**

☒ CN ZL200680036556.X

☒ PCT/US06/38605

☒ EP06816102.5

☒ US8009665

☒ JP4980362

☒ US9203724

☒ US60/723,415

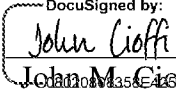
☒ US14/685,522

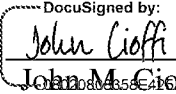
☒ US60/839,093

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 U.S. 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 Name: Adaptive Spectrum And Signal Alignment, Inc.
ASSIGNOR Address: 203 Redwood Shores Parkway
Redwood City, CA 94065
ASSIGNOR Signature: 
John M. Cioffi, Chief Executive Officer
Date of Signature: 6/11/2019

ASSIGNEE Name: ASSIA SPE, LLC
ASSIGNEE Address: 1209 Orange Street, Corporation Trust Center
Wilmington, DE 19801
ASSIGNEE Signature: 
John M. Cioffi, Chief Executive Officer
Date of Signature: 6/11/2019