

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6435027

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST
CONVEYING PARTY DATA	
Name	Execution Date
MGG CALIFORNIA, LLC	12/04/2020
RECEIVING PARTY DATA	
Name:	ADAPTIVE SPECTRUM AND SIGNAL ALIGNMENT, INCORPORATED
Street Address:	333 TWIN DOLPHIN DRIVE
City:	REDWOOD CITY
State/Country:	CALIFORNIA
Postal Code:	94065
PROPERTY NUMBERS Total: 6	
Property Type	Number
Patent Number:	7428669
Patent Number:	7558315
Patent Number:	7460588
Patent Number:	7606350
Patent Number:	7817745
Patent Number:	7809996
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	47911.2
NAME OF SUBMITTER:	VICTOR SANTOS
SIGNATURE:	/Victor Santos/
DATE SIGNED:	12/07/2020
Total Attachments: 9	

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REASSIGNMENT AND RELEASE OF SECURITY INTEREST – PATENTS

This Reassignment and Release of Security Interest is executed as of December 4, 2020 by MGG CALIFORNIA, LLC, a Delaware limited liability company (the “Assignor”), for the benefit of ADAPTIVE SPECTRUM AND SIGNAL ALIGNMENT, INCORPORATED, a California corporation (the “Assignee”).

RECITALS

A. WHEREAS, Assignee granted to Assignor a security interest in and to the Assignee’s rights under certain of the Assignee’s patents described on Exhibit A (the “Intellectual Property”) pursuant to one or more Security Agreements (the “Security Agreements”), recorded at the United States Patent and Trademark Office at Reel/Frame 040831/0451; and

B. WHEREAS, the obligations secured by the Security Agreements have been paid in full and Assignor wishes to release and reassign all interest that Assignor may have in the Intellectual Property pursuant to the Security Agreements, including the interests granted in the patents listed on Exhibit A.

AGREEMENT

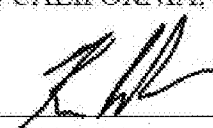
Now, therefore, Assignor agrees that it releases its security interest in the Intellectual Property and reassigns to Assignee, without warranty or recourse, all interest of Assignor in the Intellectual Property granted pursuant to the Security Agreements.

ASSIGNOR:

Address:

One Penn Plaza, 53rd Floor
New York, NY 10119

MGG CALIFORNIA, LLC

By: 

Name: Kevin Griffin

Title: Chief Executive Officer

EXHIBIT A

SCHEDULE A TO GRANT OF A SECURITY INTEREST

Application Number	Patent Number	Country	Priority Date	Filing Date	Issue Date	Owner	Title
1. 10/795,593	7428669	USA	12/07/2003	3/8/2004	9/23/2008	ASSIA	Adaptive FEC Codeword Management
2. 2004298118.00	2004298118	Australia	12/07/2003	12/2/2004	7/1/2010	ASSIA	Adaptive FEC Codeword Management
3. 4801294.20	1700410B	Belgium	12/07/2003	12/2/2004	4/28/2010	ASSIA	Adaptive FEC Codeword Management
4. 10152127.6	2187558B	Belgium	12/07/2003			ASSIA	Adaptive FEC Codeword Management
5. 2,548,743		Canada	12/07/2003	6/5/2006		ASSIA	Adaptive FEC Codeword Management
6. 4801294.2	1700410B	Switzerland	12/07/2003	12/2/2004	4/28/2010	ASSIA	Adaptive FEC Codeword Management
7. 10152127.6	2187558B	Switzerland	12/07/2003			ASSIA	Adaptive FEC Codeword Management
8. 200480040960.5	1906879	China	12/07/2003	7/25/2005	5/26/2010	ASSIA	Adaptive FEC Codeword Management
9. 201010105353.X		China	12/07/2003	1/28/2010		ASSIA	Adaptive FEC Codeword Management

Application Number	Patent Number	Country	Priority Date	Filing Date	Issue Date	Owner	Title
10. 12/185,729	7,809,996	USA	12/07/2003	8/4/2008	10/5/2010	ASSIA	ADAPTIVE FEC CODEWORD MANAGEMENT
11. 4801294.2	1700410B	Germany (3)	12/07/2003	12/2/2004	4/28/2010	ASSIA	Adaptive FEC Codeword Management
12. 10152127.6 / 60 2004 047 191.7		Germany (3)	12/07/2003			ASSIA	Adaptive FEC Codeword Management
13. 4801294.2	1700410B	EPO	12/07/2003	12/2/2004	4/28/2010	ASSIA	Adaptive FEC Codeword Management
14. 10152127.6	2187558B	EPO	12/07/2003	1/29/2010	5/13/2015	ASSIA	Adaptive FEC Codeword Management
15. 4801294.2		France	12/07/2003	12/2/2004	4/28/2010	ASSIA	Adaptive FEC Codeword Management
16. 10152127.6	2187558B	France	12/07/2003			ASSIA	Adaptive FEC Codeword Management
17. 4801294.2		United Kingdom	12/07/2003	12/2/2004	4/28/2010	ASSIA	Adaptive FEC Codeword Management
18. 10152127.6	2187558B	United Kingdom	12/07/2003			ASSIA	Adaptive FEC Codeword Management
19. 2467/CHENP/2006	255545	India	12/07/2003	7/5/2006	3/1/2013	ASSIA	Method and a System for Adaptive FEC Codeword Management
20. 4801294.2	1700410B	Italy	12/07/2003	12/2/2004	4/28/2010	ASSIA	Adaptive FEC Codeword Management

Application Number	Patent Number	Country	Priority Date	Filing Date	Issue Date	Owner	Title
21. 10152127.6	2187558B	Italy	12/07/2003			ASSIA	Adaptive FEC Codeword Management
22. 2006-542049	4718479	Japan	12/07/2003	6/6/2006	4/8/2011	ASSIA	Adaptive FEC Codeword Management
23. 2010-292642	5380427	Japan	12/07/2003	12/28/2010	10/4/2013	ASSIA	Adaptive FEC Codeword Management
24. 4801294.2	1700410B	Netherlands	12/07/2003	12/2/2004	4/28/2010	ASSIA	Adaptive FEC Codeword Management
25. 10152127.6	2187558B	Netherlands	12/07/2003			ASSIA	Adaptive FEC Codeword Management
26. 10/893,826	7,558,315	USA	12/07/2003	7/19/2004	7/7/2009	ASSIA	Adaptive Margin and Band Control
27. GM 191/2013	13387	Austria	12/07/2003	9/24/2010	9/15/2013	ASSIA	Adaptive Margin and Band Control
28. 2004297733	2004297733	Australia	12/07/2003	12/2/2004	7/1/2010	ASSIA	A Method in a Controller Communicably Attached with a Digital Subscriber Line
29. 10179600.1	2259495B	Belgium	12/07/2003	9/24/2010	11/9/2011	ASSIA	Adaptive Margin and Band Control
30. 2,548,561		Canada	12/07/2003	6/6/2006		ASSIA	Adaptive Margin and Band Control
31. 10179600.1	2259495B	Switzerland	12/07/2003	9/24/2010	11/9/2011	ASSIA	Adaptive Margin and Band Control

Application Number	Patent Number	Country	Priority Date	Filing Date	Issue Date	Owner	Title
32. 200480041317.4	1961530	China	12/07/2003	8/3/2006	5/16/2012	ASSIA	Adaptive Margin and Band Control
33. 10179600.1	2259495B	Germany (3)	12/07/2003	9/24/2010	11/9/2011	ASSIA	Adaptive Margin and Band Control
34. 04801293.4		EPO	12/07/2003	12/2/2004		ASSIA	Adaptive Margin and Band Control
35. 10179600.1	2259495B	EPO	12/07/2003	9/24/2010	11/9/2011	ASSIA	Adaptive Margin and Band Control
36. 10179600.1	2259495B	Spain	12/07/2003	9/24/2010	11/9/2011	ASSIA	Adaptive Margin and Band Control
37. 10179600.1	2259495B	France	12/07/2003	9/24/2010	11/9/2011	ASSIA	Adaptive Margin and Band Control
38. 10179600.1	2259495B	United Kingdom	12/07/2003	9/24/2010	11/9/2011	ASSIA	Adaptive Margin and Band Control
39. 2466/CHENP/2006	255459	India	12/07/2003	7/5/2006	2/25/2013	ASSIA	Method and Controller for Monitoring a Plurality of Digital Subscriber Line (DSL) Modem Pairs
40. 10179600.1	2259495B	Italy	12/07/2003	9/24/2010	11/9/2011	ASSIA	Adaptive Margin and Band Control
41. 2006-542048	4891779	Japan	12/07/2003	6/6/2006	12/22/2011	ASSIA	Adaptive Margin and Band Control

Application Number	Patent Number	Country	Priority Date	Filing Date	Issue Date	Owner	Title
42. 10179600.1	2259495B	Netherlands	12/07/2003	9/24/2010	11/9/2011	ASSIA	Adaptive Margin and Band Control
43. 11/071,762	7,460,588	USA	03/03/2005	3/3/2005	12/2/2008	ASSIA	DSL State and Line Profile Control
44. 06755837.9	1869790	Austria	03/03/2005	2/28/2006	5/23/2012	ASSIA	DSL State and Line Profile Control
45. 2006228424	2006228424	Australia	03/03/2005	8/29/2007	5/12/2011	ASSIA	DSL State and Line Profile Control
46. 06755837.9	1869790	Belgium	03/03/2005	2/28/2006	5/23/2012	ASSIA	DSL State and Line Profile Control
47. 2,599,895	2,599,895	Canada	03/03/2005	2/28/2006	4/15/2014	ASSIA	DSL State and Line Profile Control
48. 06755837.9	1869790	Switzerland	03/03/2005	2/28/2006	5/23/2012	ASSIA	DSL State and Line Profile Control
49. 200680007001.2	101133564	China	03/03/2005	9/3/2007	6/27/2012	ASSIA	METHODS AND APPARATUS FOR TRANSITIONS BETWEEN PROFILES AND STATES IN A DIGITAL SUBSCRIBER LINE SYSTEM
50. 06755837.9	1869790	Czech Republic	03/03/2005	2/28/2006	5/23/2012	ASSIA	DSL State and Line Profile Control
51. 06755837.9	1869790	Germany (3)	03/03/2005	2/28/2006	5/23/2012	ASSIA	DSL State and Line Profile Control
52. 06755837.9	1869790	Denmark	03/03/2005	2/28/2006	5/23/2012	ASSIA	DSL State and Line Profile Control
53. 06755837.9	1869790	EPO	03/03/2005	2/28/2006	5/23/2012	ASSIA	DSL State and Line Profile Control
54. 11155157.8		EPO	03/03/2005	2/21/2011		ASSIA	DSL State and Line Profile Control
55. 06755837.9	1869790	Spain	03/03/2005	2/28/2006	5/23/2012	ASSIA	DSL State and Line Profile Control

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56. 06755837.9		France	03/03/2005	2/28/2006	5/23/2012	ASSIA	DSL State and Line Profile Control
57. 06755837.9		United Kingdom	03/03/2005	2/28/2006	5/23/2012	ASSIA	DSL State and Line Profile Control
58. 06755837.9	1869790	Italy	03/03/2005	2/28/2006	5/23/2012	ASSIA	DSL State and Line Profile Control
59. 2007-557625	4913758	Japan	03/03/2005	8/31/2007	1/27/2012	ASSIA	DSL State and Line Profile Control
60. 2011-255444	5417415	Japan	03/03/2005	11/22/2011	11/22/2013	ASSIA	DSL State and Line Profile Control
61. 06755837.9	1869790	Netherlands	03/03/2005	2/28/2006	5/23/2012	ASSIA	DSL State and Line Profile Control
62. 06755837.9	1869790	Sweden	03/03/2005	2/28/2006	5/23/2012	ASSIA	DSL State and Line Profile Control
63. 11/122,428	7,606,350	USA	05/18/2004	5/5/2005	10/20/2009	ASSIA	Incentive-based DSL System
64. 200580018591.4	1965546	China	05/18/2004	5/18/2005	8/15/2012	ASSIA	Incentive-based DSL System
65. 05747117.9	1757042B	Germany (3)	05/18/2004	5/18/2005	1/14/2009	ASSIA	Incentive-based DSL System
66. 05747117.9	1757042B	EPO	05/18/2004	5/18/2005	1/14/2009	ASSIA	Incentive-based DSL System
67. 05747117.9		France	05/18/2004	5/18/2005	1/14/2009	ASSIA	Incentive-based DSL System
68. 05747117.9		United Kingdom	05/18/2004	5/18/2005	1/14/2009	ASSIA	Incentive-based DSL System
69. 2007-517506	4637177	Japan	05/18/2004	5/18/2005	12/3/2010	ASSIA	Incentive-based DSL System
70. 11/336,666	7,817,745	USA	06/02/2005	1/20/2006	10/19/2010	ASSIA	Tonal Precoding

Application Number	Patent Number	Country	Priority Date	Filing Date	Issue Date	Owner	Title
71. 2006253893	2006253893	Australia	06/02/2005	3/16/2006	6/30/2011	ASSIA	Tonal Precoding with Multi-User Vectored DSL Transmission
72. 2,610,814		Canada	06/02/2005	3/16/2006		ASSIA	Tonal Precoding with Multi-User Vectored DSL Transmission
73. 06727405.0		EPO	06/02/2005	3/16/2006		ASSIA	Tonal Precoding with Multi-User Vectored DSL Transmission
74. 11153605.8		EPO	06/02/2005	2/7/2011		ASSIA	Tonal Precoding
75. 2013-081528	5638653	Japan	06/02/2005	4/9/2013	10/31/2014	ASSIA	Tonal Precoding with Multi-User Vectored DSL Transmission