

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5998090

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
FIO SEMICONDUCTOR TECHNOLOGIES, LLC	02/17/2020

RECEIVING PARTY DATA

Name:	ACACIA RESEARCH GROUP LLC
Street Address:	6136 FRISCO SQ. BLVD.
Internal Address:	SUITE 400
City:	FRISCO
State/Country:	TEXAS
Postal Code:	75034

PROPERTY NUMBERS Total: 57

Property Type	Number
Application Number:	12468041
Application Number:	13321484
Application Number:	14480599
Application Number:	15089957
Application Number:	15596939
Application Number:	16030232
Application Number:	13607486
Application Number:	13600077
Application Number:	13566471
Application Number:	12711113
Application Number:	13830652
Application Number:	13730602
Application Number:	13784705
Application Number:	13925410
Application Number:	11952095
Application Number:	14309751
Application Number:	15228893
Application Number:	15253334
Application Number:	15266486

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Property Type	Number
Application Number:	15284019
Application Number:	15402936
Application Number:	15460126
Application Number:	14569021
Application Number:	12098431
Application Number:	12098434
Application Number:	12098427
Application Number:	12273532
Application Number:	12981394
Application Number:	13461628
Application Number:	16204947
Application Number:	16245233
Application Number:	16543464
Application Number:	12098433
Application Number:	11952113
Application Number:	11952091
Application Number:	11952109
Application Number:	13442638
Application Number:	11952101
Application Number:	14045605
Application Number:	16177688
Application Number:	11133214
Application Number:	11167984
Application Number:	11444353
Application Number:	11341341
Application Number:	11327321
Application Number:	11657650
Application Number:	11798947
Application Number:	12923497
Application Number:	12726014
Application Number:	12437209
Application Number:	13349181
Application Number:	12651727
Application Number:	13109230
Application Number:	14152440
Application Number:	14635588
Application Number:	13798419
Application Number:	16752458

CORRESPONDENCE DATA**Fax Number:**

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.

Phone: 8178063816
Email: matthew@nbafirm.com
Correspondent Name: MATTHEW C JUREN
Address Line 1: 3131 W. 7TH ST.
Address Line 2: SUITE 300
Address Line 4: FORT WORTH, TEXAS 76107

ATTORNEY DOCKET NUMBER:	FIO-ARG
NAME OF SUBMITTER:	MATTHEW C JUREN
SIGNATURE:	/Matthew C Juren/
DATE SIGNED:	03/05/2020

Total Attachments: 6

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ASSIGNMENT OF PATENT RIGHTS

THIS ASSIGNMENT OF PATENT RIGHTS (the "Assignment") is executed, acknowledged and delivered by FIO Semiconductor Technologies, LLC, a Delaware limited liability company, 1717 McKinney Avenue, Suite 1050, Dallas, TX 75202 ("Assignor"), in accordance with, and pursuant to the terms and conditions of the Patent Purchase Agreement having an Effective Date of February 4, 2020 (the "Agreement"), between Assignor, as the Seller, and Acacia Research Group LLC, a company organized under the laws of Texas, with its principal place of business at 6136 Frisco Sq. Blvd., Suite 400, Frisco, TX 75034 ("Assignee"), as the Buyer. Capitalized terms used herein and not expressly defined shall have the meaning ascribed to such terms in the Agreement.

"Patents" means the patents identified in the Patent Annex attached hereto.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: For good and valuable consideration, the receipt of which is hereby acknowledged, Assignor agrees to and does hereby irrevocably sell, assign, transfer and convey unto said Assignee, and Assignee hereby accepts, all of Assignor's right, title, and interest (i) in and to the Patents, the same to be held and enjoyed by said Assignee for its own use, and for the use of its successors, assigns, or other legal representatives to the end of the term or terms for which said Patents may be granted as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment had not been made; and (ii) in and to causes of action and enforcement rights for the Patents including all rights to pursue damages, injunctive relief and other remedies for past and future infringement of the Patents. Notwithstanding anything to the contrary herein, Assignor is executing and delivering this Assignment in accordance with and subject to all of the terms and provisions of the Agreement.

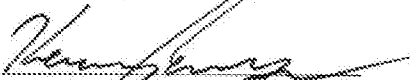
In the event of any conflict between the terms of this Assignment and those of the Agreement, the terms of the Agreement shall be controlling. This Assignment shall be binding upon and shall inure to the benefit of the parties and their respective successors and assigns. This Assignment shall be governed by, and construed in accordance with, the laws of the United States in respect to patent issues and in all other respects by the laws of the State of Delaware as provided in the Agreement.

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IN WITNESS WHEREOF, Assignor and Assignee have caused this instrument to be executed by their respective duly authorized representative as of the Effective Date.


Assignor:

FIO Semiconductor Technologies, LLC

By: 
Name: Kenneth McClure
Title: Vice President Patent Development

Assignee:

Acacia Research Group LLC

By: 
Name: Mark Booth
Title: CEO

Patent Annex

List of Assigned Patents

Country	Application No.	Filed Date	Patent No.	Grant Date
US	12/468041	2009-05-18	8281227	2012-10-02
US	13/321484	2010-05-18	8832528	2014-09-09
US	14/480599	2014-09-08	9304853	2016-04-05
US	15/089957	2016-04-04	9684560	2017-06-20
US	15/596939	2017-05-16		
CN	200780050970.0	2007-12-06	101622594	2013-03-13
CN	200980121161.3	2009-04-06	102084332	2015-01-07
CN	201210539998.3	2007-12-06	103049058	2018-01-02
DE	09731243.3	2009-04-06	602009034340.8	2015-10-21
FR	09731243.3	2009-04-06	2271978	2015-10-21
GB	09731243.3	2009-04-06	2271978	2015-10-21
IN	3892/CHENP/2009	2006-12-06		
JP	2009-540489	2007-12-06	5611597B	2014-09-12
JP	2011-504112	2009-04-06	5431453B	2013-12-13
KR	10-2010-7024894	2009-04-06	10-1628675	2016-06-02
KR	10-2015-7037046	2009-04-06	10-1804034	2017-11-27
US	16/030232	2018-07-09		
US	13/607486	2012-09-07	8533406	2013-09-10
US	13/600077	2012-08-30	8533569	2013-09-10
US	13/566471	2012-08-03	8762658	2014-06-24
US	12/711113	2010-02-23	8935302	2015-01-13
US	13/830652	2013-03-14	9116823	2015-08-25
US	13/730602	2012-12-28	9454492	2016-09-27
US	13/784705	2013-03-04	9495241	2016-11-15
US	13/925410	2013-06-24	10019353	2018-07-10
US	11/952095	2007-12-06	9575902	2017-02-21
US	14/309751	2014-06-19	9632727	2017-04-25
US	15/228893	2016-08-04	10387327	2019-08-20
US	15/253334	2016-08-31		
US	15/266486	2016-09-15	10146700	2018-12-04
US	15/284019	2016-10-03	10216569	2019-02-26
US	15/402936	2017-01-10		
US	15/460126	2007-03-15	10387328	2019-08-20

US	14/569021	2014-12-12	10558371	2020-02-11
US	12/098431	2008-04-06	8161353	2012-04-17
US	12/098434	2008-04-06	8195912	2012-06-05
US	12/098427	2008-04-05	8316277	2012-11-20
US	12/273532	2008-11-18	8074011	2011-12-06
US	12/981394	2010-12-29	8189407	2012-05-29
US	13/461628	2012-05-01	8482993	2013-07-09
US	16/204947	2018-11-29		
US	16/245233	2019-01-11		
US	16/543464	2019-08-16		
US	12/098433	2008-04-06	8151082	2012-04-03
US	11/952113	2007-12-06	8261005	2012-09-04
US	11/952091	2007-12-06	8266496	2012-09-11
US	11/952109	2007-12-06	8296337	2013-10-23
US	13/442638	2012-04-09	8392798	2013-03-05
US	11/952101	2007-12-06	8402201	2013-03-19
US	14/045605	2013-10-03	10133663	2018-11-20
US	16/177688	2018-11-01		
JP	2005-206135	2005-07-14	4948795	2012-06-06
KR	10-2004-0107934	2004-12-17	10-0597788	2006-06-30
US	11/133214	2005-05-20	7224624	2007-05-29
CN	200510092346.X	2005-08-29	100593820	2010-03-10
KR	10-2004-0080080	2004-10-07	10-0645046	2006-11-03
US	11/167984	2005-06-27	7286411	2007-10-23
CN	200610108021.0	2006-07-24	1901093	2010-12-08
KR	10-2005-0066884	2005-07-22	10-0648288	2006-11-14
US	11/444353	2006-06-01	7315480	2008-01-01
CN	200610008628.1	2006-02-20	1909111	2010-12-01
DE	102006008872.7	2006-02-21	102006008872.7	2009-12-17
JP	2006-191918	2006-07-12	5196340	2013-02-15
KR	10-2005-0071844	2005-08-05	10-0704033	2007-03-29
US	11/341341	2006-01-26	7342827	2008-03-11
KR	10-2005-0003356	2005-01-13	10-0655289	2006-12-01
US	11/327321	2006-01-09	7348267	2008-03-25
KR	10-2006-0044832	2006-05-18	10-0729364	2007-06-11
TW	096113622	2007-04-18	1341594	2011-05-01
US	11/657650	2007-01-25	7626230	2009-12-01
US	11/798947	2007-05-18	7825461	2010-11-02
US	12/923497	2010-09-24	8012829	2011-09-06

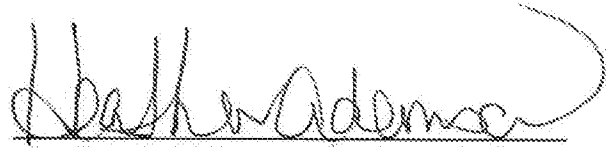
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KR	10-2009-0023338	2009-03-19	10-1595790	2016-02-15
US	12/726014	2010-03-17	8097531	2012-01-17
KR	10-2008-0052251	2008-06-03	10-1463580	2014-11-13
US	12/437209	2009-05-07	8116111	2012-02-14
US	13/349181	2012-01-12	8404578	2013-03-26
KR	10-2009-0000396	2009-01-05	10-1524823	2015-05-22
US	12/651727	2010-01-04	8110834	2012-02-07
KR	10-2010-0048795	2010-05-25	10-1660483	2016-09-21
US	13/109230	2011-05-17	9111799	2015-08-18
CN	201410012777.X	2014-01-10	103971722	2018-09-14
CN	201810918723.8	2014-01-10		
JP	2014-004117	2014-01-14	6351980	2018-07-04
KR	10-2013-0003277	2013-01-11	10-2059196	2019-12-18
TW	103100309	2014-01-06	1618066	2018-03-11
US	14/152440	2014-01-10	9019739	2015-04-28
US	14/635588	2015-03-02	9224429	2015-12-29
KR	10-2013-0018804	2013-02-21		
US	13/798419	2013-03-13	9318216	2016-04-19
US	16/752458	2020-01-24		

State of Texas
County of DALLAS

Before me, a notary public, on this day personally appeared Kenneth A. McClure, known to me to be the person whose name is subscribed to the foregoing document and, being by me first duly sworn, declared that the statements therein contained are true and correct.

Given under my hand and seal of office this 17th day of FEBRUARY, 2020.



Notary Public's Signature

(Personalized Seal)

