

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	NUNC PRO TUNC ASSIGNMENT
EFFECTIVE DATE:	12/10/2018

CONVEYING PARTY DATA

Name	Execution Date
S. AQUA SEMICONDUCTOR, LLC	12/14/2018

RECEIVING PARTY DATA

Name:	INTELLECTUAL VENTURES ASSETS 115 LLC
Street Address:	251 LITTLE FALLS DRIVE
City:	WILMINGTON
State/Country:	DELAWARE
Postal Code:	19808

PROPERTY NUMBERS Total: 3

Property Type	Number
Patent Number:	6163495
Patent Number:	6493283
Patent Number:	6674682

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	CASSANDRA BRAGET
SIGNATURE:	/Cassandra Braget/
DATE SIGNED:	01/22/2019

Total Attachments: 4

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ASSIGNMENT OF PATENT RIGHTS

For good and valuable consideration, the receipt of which is hereby acknowledged, S. Aqua Semiconductor, LLC, a Delaware limited liability company, with an address at 251 Little Falls Drive, Wilmington, DE 19808 (“*Assignor*”), does hereby sell, assign, transfer, and convey unto Intellectual Ventures Assets 115 LLC, a Delaware limited liability company, with an address at 251 Little Falls Drive, Wilmington, DE 19808 (“*Assignee*”), all of Assignor’s right, title, and interest in and to the following (collectively, the “*Assigned Patent Rights*”):

- (a) the patents and patent applications listed in the table below (the “*Patents*”);

<u>Patent/ Application Number</u>	<u>Country</u>	<u>Issue Date/ Filing Date</u>	<u>Title of Patent and Inventors</u>
6163495 (09/398735)	US	12/19/2000 (9/17/1999)	ARCHITECTURE, METHOD(S) AND CIRCUITRY FOR LOW POWER MEMORIES Keith A. Ford; Iulian C. Gradinariu; Bogdan I. Georgescu; Sean B. Mulholland; John J. Silver; Danny L. Rose
DE60035115.7 (DE60035115.7)	DE	6/6/2007 (9/15/2000)	ARCHITECTURE, METHOD(S) AND CIRCUITRY FOR LOW POWER MEMORIES ROSE DANNY L; SILVER JOHN J; MULHOLLAND SEAN B; GRADINARIU IULIAN C; FORD KEITH A; GEORGESCU BOGDAN I
FR1214713 (FR00963517.8)	FR	6/6/2007 (9/15/2000)	ARCHITECTURE, METHOD(S) AND CIRCUITRY FOR LOW POWER MEMORIES ROSE DANNY L; SILVER JOHN J; MULHOLLAND SEAN B; GRADINARIU IULIAN C; FORD KEITH A; GEORGESCU BOGDAN I

<u>Patent/ Application Number</u>	<u>Country</u>	<u>Issue Date/ Filing Date</u>	<u>Title of Patent and Inventors</u>
GB1214713 (GB00963517.8)	GB	6/6/2007 (9/15/2000)	ARCHITECTURE, METHOD(S) AND CIRCUITRY FOR LOW POWER MEMORIES ROSE DANNY L; SILVER JOHN J; MULHOLLAND SEAN B; GRADINARIU IULIAN C; FORD KEITH A; GEORGESCU BOGDAN I
JP5105680 (JP2001-524103)	JP	10/12/2012 (9/15/2000)	Architecture, method(s) and circuitry for low power memories FORD KEITH A; GRADINARIU IULIAN C; GEORGESCU BOGDAN I; MULHOLLAND SEAN B; SILVER JOHN J; ROSE DANNY L
KR10-0765157 (KR10-2002-7003582)	KR	10/2/2007 (9/15/2000)	ARCHITECTURE, METHOD(S) AND CIRCUITRY FOR LOW POWERMEMORIES FORD KEITH A; GRADINARIU IULIAN C; GEORGESCU BOGDAN I; MULHOLLAND SEAN B; SILVER JOHN J; ROSE DANNY L
6493283 (09/721324)	US	12/10/2002 (11/22/2000)	ARCHITECTURE, METHOD(S) AND CIRCUITRY FOR LOW POWER MEMORIES Keith A. Ford; Iulian C. Gradinariu; Bogdan I. Georgescu; Sean B. Mulholland; John J. Silver; Danny L. Rose

<u>Patent/ Application Number</u>	<u>Country</u>	<u>Issue Date/ Filing Date</u>	<u>Title of Patent and Inventors</u>
6674682 (10/199560)	US	1/6/2004 (7/19/2002)	ARCHITECTURE, METHOD(S) AND CIRCUITRY FOR LOW POWER MEMORIES Keith A. Ford; Iulian C. Gradinariu; Bogdan I. Georgescu; Sean B. Mulholland; John J. Silver; Danny L. Rose

(b) any future reissues, reexaminations, extensions, continuations, continuing prosecution application, requests for continuing examinations, divisions, and registrations of any of the Patents;

(c) rights to apply in any or all countries of the world for future patents, certificates of invention, utility models, industrial design protections, design patent protections, or other future governmental grants or issuances of any type related to the Patents; and

(d) causes of action and enforcement rights of any kind under, or on account of, any of the Patents and/or any of the items described in either of the foregoing categories (b) or (c), including, without limitation, all causes of action, enforcement rights and all other rights to seek and obtain any other remedies of any kind for past, current and future infringement.

Assignor hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all future patents, certificates of invention, utility models or other governmental grants or issuances that may be granted upon any of the Assigned Patent Rights in the name of Assignee, as the assignee to the entire interest therein. This Assignment of Patent Rights will inure for the benefit of any permitted successors or assigns of Assignee.

Assignor will, at the reasonable request of Assignee, take all reasonable steps necessary and proper, to confirm the assignment to Assignee of the Assigned Patent Rights pursuant to this Assignment of Patent Rights, including without limitation, the execution, acknowledgment, and recordation of specific assignments, oaths, declarations, and other documents on a country-by-country basis, to assist Assignee in obtaining and perfecting the Assigned Patent Rights.

IN WITNESS WHEREOF this Assignment of Patent Rights is executed on 14 Dec, 2018, to be effective as of 10 December 2018.

ASSIGNOR:

S. Aqua Semiconductor, LLC

By: 

Name: Rocky Adornato

Title: Authorized Person

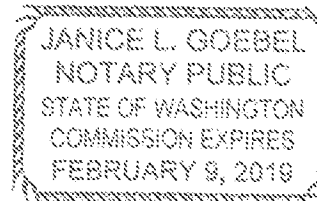
STATE OF WASHINGTON)
)ss.
COUNTY OF KING)

On Dec. 14, 2018, before me, Janice L. Goebel, Notary Public in and for said State, personally appeared Rocky Adornato, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature Janice L. Goebel
Notary Public, State of Washington

(Seal)



My Commission expires: Feb. 9, 2019

ASSIGNEE:

Intellectual Ventures Assets 115 LLC

By: [Signature]
Name: Rocky Adornato
Title: Authorized Person

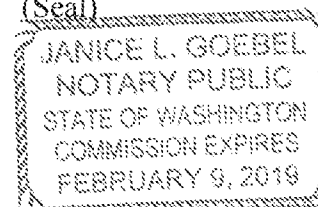
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WITNESS my hand and official seal.

Signature Janice L. Goebel
Notary Public, State of Washington

(Seal)



My Commission expires: Feb. 9, 2019