504994872 07/09/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

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EPAS ID: PAT5041620

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOHN WALLEY	04/04/2018
BENG HUAT CHUA	04/04/2018
VAMSHIKRISHNA YAKKALA	04/04/2018
XIN JIN	04/04/2018

RECEIVING PARTY DATA

Name: AVAGO TECHNOLOGIES GENERAL IP (SINGAPORE) PTE. LTD.	
Street Address:	1 YISHUN AVENUE 7
City:	SINGAPORE
State/Country:	SINGAPORE
Postal Code:	768923

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15942693

CORRESPONDENCE DATA

Fax Number: (703)413-2220

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: (703) 413-3000 **Email:** JYKim@oblon.com

Correspondent Name: OBLON, ET AL.

Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER: 510559US

NAME OF SUBMITTER: JUNG-YON KIM

SIGNATURE: /Jung-Yon Kim/

DATE SIGNED: 07/09/2018

Total Attachments: 8

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PATENT 504994872 REEL: 046297 FRAME: 0241



WHEREAS, I (WE) John WALLEY, of Ladera Ranch, CA;	
Beng Huat CHUA, of Singapore, Singapore;	
VamshiKrishna YAKKALA, of Bangalore, India; and	
Xin JIN, of Irvine, CA	
-	
	, respectively,
have invented certain new and useful improvements in: VOICE ENERGY DETECTION	
(Application No. 15/942.693 filed April 2, 2018), and
WHEREAS, Avago Technologies General IP (Singapore) Pte. Ltd.	
	Beng Huat CHUA, of Singapore, Singapore; VamshiKrishna YAKKALA, of Bangalore, India; and Xin JIN, of Irvine, CA

AND ADDRESS OF COMPANY OR OTHER ASSIGNEE

(hereinafter referred to as "ASSIGNEE") having a place of business at: 1 Yishun Avenue 7, Singapore, Singapore 768923 is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application(s)) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

The undersigned hereby grant(s) the firm of Oblon, McClelland, Maier & Neustadt, L.L.P. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: 4/4//8	<u> </u>	_ Dohn Walley		
	(Signature of Inventor)	John WALLEY		
Date:				
	(Signature of Inventor)	Beng Huat CHUA		
Date:				
	(Signature of Inventor)	VamshiKrishna YAKKALA		
Date:				
	(Signature of Inventor)	Xin IIN		

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

INSERT NAMES AND RESIDENC ADDRESS OF THE INVENTOR	Έ

WHEREAS, I (WE) John WALLEY, of Ladera Ranch, CA;	
Beng Huat CHUA, of Singapore, Singapore;	
VamshiKrishna YAKKALA, of Bangalore, India; and	
Xin JIN, of Irvine, CA	
	, respectively,
have invented certain new and useful improvements in: VOICE ENERGY DETECTION	
(Application No. 15/942,693 , filed April 2, 2018), and
(Application No. 13/342,093 , flict April 2, 2016	
WHEREAS, Avago Technologies General IP (Singapore) Pte. Ltd.	

INSERT NAME AND ADDRESS OF COMPANY OR OTHER ASSIGNEE

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Date:	
Date: 4 Apr 2018	(Signature of Inventor) John WALLEY
	(Signature of Inventor) Beng Huat CHUA
Date:	_
	(Signature of Inventor) VamshiKrishna YAKKALA
Date:	
	(Signature of Inventor) Yin IIN

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

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	(Application No. 15/942.693
	(Application No. 15/942,693 , filed April 2, 2018), and
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Date:			
		(Signature of Inventor)	John WALLEY
Date:			
		(Signature of Inventor)	Beng Huat CHUA
Date:	4-A9811-2018	(Signature of Irregular) No. 107	
		(Signature of Inventor)	VamshiKrishna YAKKALA
Date:			
		(Signature of Inventor)	Xin JIN

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

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(Application No	. 15/942,693	, filed _April 2, 2018), and
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	_	(Signature of Inventor)	John WALLEY
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		(Signature of Inventor)	Beng Huat CHUA
Date:			
		(Signature of Inventor)	VamshiKrishna YAKKALA
Date: _	Apr. 4, 2018		Wan Jan
	<u> </u>	(Signature of Inventor)	Xin IIN

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

07/09