503654060 01/19/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

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Name	Execution Date
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JEROME BECKMANN	01/19/2016

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14997901

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NAME OF SUBMITTER:	MATTHEW R. ELLSWORTH	
SIGNATURE:	/Matthew R. Ellsworth/	
DATE SIGNED:	01/19/2016	

Total Attachments: 2

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PATENT 503654060 REEL: 037520 FRAME: 0278

Avago File No.: 150080US01	
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ASSIGNMENT OF PATENT APPLICATION					
WHEREAS, I am an inventor or joint inventor of an Invention entitled:					
AUTOMATIC DELAY-LIN	E CALIBRATION USING A REPLICA ARRAY				
which Invention January 18, 20 Application); and	is described and claimed in a 016 as US application serial nu			application	filed (the
No. 200512430D No. 1 Yishun Av	ago Technologies General IP (Sing), a company incorporated under the law enue 7, Singapore 768923 (hereinafter on, and any patent that may be grante	vs of Singa r AVAGO),	pore whose reg desires to acq	istered office uire the Inve	is at
hereby acknowle assigns, the entir applications for pa for the Invention, therefore, and all	ORE, for good and valuable consideral dged. I hereby sell, assign, convey are right, title and interest, in and to the atent which have been or shall be filed in and all continuations, continuations-in the rights and privileges under any and sues, reexaminations and extensions the	nd transfer Invention in the Unite i-part, divis id all paten	to AVAGO, its and the Applica d States and all ionals, renewal	s successors ition and all of I foreign cour s and substi	and other itries tutes
I authorize AVAGO to make applications for patent or other form of protection for the Invention in AVAGO's own name in any and all countries, and to invoke and claim the benefit of all rights of priority provided by any and all treaties, conventions or agreements without further written or oral authorization.					
I agree to communicate to AVAGO or to its nominee all known facts respecting the Invention, to testify in any legal proceedings, to execute all oaths, declarations, assignments, powers of attorney and other papers, and generally to do all acts which may be necessary, desirable or convenient for securing and maintaining patents or other forms of protection for the Invention in any and all countries and for vesting title thereto in AVAGO, its successors and assigns, in any and all countries provided the expenses which may be incurred by me in lending such cooperation and assistance are paid by AVAGO;					
I hereby authorize and request the Patent and Trademark Office officials in the United States and in any foreign countries to issue any and all patents, inventor's certificates, utility certificates, utility models, or certificates of addition for the Invention to AVAGO as assignee of the entire interest.					
I hereby covenant that I have full right to convey the entire interest herein assigned, and that I have not executed and will not execute any agreement in conflict herewith.					
I hereby grant AVAGO attorneys the power to insert on this document any further information necessary or desirable to comply with the rules of the United States Patent and Trademark Office.					
IN WITNESS WHEREOF, executed by me on the date below.					
INVENTOR					
Name: Ste	ven Affleck	Date:	1-18-16		
Signature:					
Additional i	inventors listed on supplemental page.				

Assignment of Patent Application- US

20150706

Supplemental Page to Assignment of Patent Application Additional Inventors

INVENTOR			
Name:	Jerome Beckmann	Date:	19Jan 2011
Signature:	My John	÷	
INVENTOR			
Name:		Date:	manufacture and the second sec
Signature:			
INVENTOR			
Name:		Date:	
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INVENTOR			
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Signature:			
INVENTOR			
Name:	Q	Date:	
Signature:	***************************************		
INVENTOR			
Name:		Date:	MANUFACTURE TO THE MANUFACTURE T
Signature:			

Assignment of Patent Application- US

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PATENT REEL: 037520 FRAME: 0280