

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT4415659

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT	
NATURE OF CONVEYANCE:	Corrective Assignment to correct the ASSIGNOR NAME previously recorded on Reel 042315 Frame 0966. Assignor(s) hereby confirms the ASSIGNMENT.	
CONVEYING PARTY DATA		
	Name	Execution Date
	SHUO-WEI CHEN	03/21/2017
RECEIVING PARTY DATA		
Name:	UNIVERSITY OF SOUTHERN CALIFORNIA	
Street Address:	USC STEVENS INSTITUTE FOR INNOVATION	
Internal Address:	1150 SOUTH OLIVE STREET, SUITE 2300	
City:	LOS ANGELES	
State/Country:	CALIFORNIA	
Postal Code:	90015	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	15507704
CORRESPONDENCE DATA		
Fax Number:	(714)427-7799	
<i>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.</i>		
Phone:	7144277405	
Email:	ipocdocket@swlaw.com	
Correspondent Name:	SNELL & WILMER LLP	
Address Line 1:	600 ANTON BLVD., SUITE 1400	
Address Line 4:	COSTA MESA, CALIFORNIA 92626	
ATTORNEY DOCKET NUMBER:	71523-03600	
NAME OF SUBMITTER:	KETAN S. VAKIL	
SIGNATURE:	/Ketan S. Vakil/	
DATE SIGNED:	05/16/2017	
Total Attachments: 3		
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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT4379992

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	SHOU-WEI CHEN	03/21/2017
RECEIVING PARTY DATA		
Name:	UNIVERSITY OF SOUTHERN CALIFORNIA	
Street Address:	USC STEVENS INSTITUTE FOR INNOVATION	
Internal Address:	1150 SOUTH OLIVE STREET, SUITE 2300	
City:	LOS ANGELES	
State/Country:	CALIFORNIA	
Postal Code:	90015	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	15507704
CORRESPONDENCE DATA		
Fax Number:	(714)427-7799	
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Phone:	714-427-7405	
Email:	ipocdocket@swlaw.com	
Correspondent Name:	SNELL & WILMER LLP	
Address Line 1:	600 ANTON BLVD., SUITE 1400	
Address Line 4:	COSTA MESA, CALIFORNIA 92626	
ATTORNEY DOCKET NUMBER:	71523-03600	
NAME OF SUBMITTER:	KETAN S. VAKIL	
SIGNATURE:	/Ketan S. Vakil/	
DATE SIGNED:	04/21/2017	
Total Attachments: 2		
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**IN THE UNITED STATES PATENT
AND TRADEMARK OFFICE**
**COMBINED DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN
APPLICATION USING AN APPLICATION DATA SHEET**

Inventor(s): Shuo-Wei Chen

Docket No.: 71523-03600

Serial No.: 15/507,704

Filing Date: February 28, 2017

Title: **WIDEBAND NYQUIST VCO-BASED ANALOG-TO-DIGITAL
CONVERTER**

Pursuant to 35 U.S.C. § 115(e), Applicant(s) herewith submit for recordation a combined declaration and assignment.

Declaration

As the below named inventor, I/we hereby declare that:

The captioned application was made or authorized to be made by me/us.

I/we believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I/we hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than (5) years, or both.

I/we acknowledge that a person may not execute an oath or declaration for an application unless that person has reviewed and understands the contents of the application, including the claims, and is aware of the duty to disclose to the U.S. Patent and Trademark Office all information known to the person to be material to patentability as defined in 37 CFR 1.56.

Assignment

WHEREAS, the undersigned inventors of the addresses indicated below ("ASSIGNOR") has invented subject matter disclosed and/or claimed in the captioned patent application;

AND WHEREAS, University of Southern California, an entity organized and existing under and by virtue of the laws of California, having a place of business and mailing address at USC Stevens Institute for Innovation, 1150 South Olive Street, Suite 2300, Los Angeles, CA 90015, hereinafter, "ASSIGNEE", is desirous of obtaining an interest or memorializing its interest therein;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR by these presents does sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives, any and all of ASSIGNOR'S rights, title, and interest to the subject matter and inventions, as described in the aforesaid

application, including patent, copyright and any other intellectual property rights, any provisional, non-provisional, continuation, continuation in part, divisional, reissue, reexamination, foreign, PCT or other patent application or like document, or any other application which claims priority to said application, including the rights to sue for all past and future causes of action related to said inventions and subject matter, in the United States and all foreign countries, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States adheres, and hereby authorizes and requests all countries to issue said patents to ASSIGNEE, including all renewals, extensions, and reissue and reexamination certificates for the sole use and benefit of ASSIGNEE, its successors, assigns and legal representatives;

AND HEREBY AGREES, without further remuneration, to transfer to ASSIGNEE, its successors, assigns and legal representatives a like interest in and to any improvements, related new matter, and derivative works, and applications based thereon, growing out of or relating to the inventions or subject matter, and to provide all reasonable assistance and execute any papers, if accurate, desired by ASSIGNEE, its successors, assigns and legal representatives, to preserve, acquire and/or perfect ASSIGNEE'S full rights, title and interest in and to the invention(s) and subject matter and any improvements and to file any of the aforementioned applications, or to further memorialize ASSIGNEE'S prior agreement to do so; ASSIGNOR authorizes ASSIGNEE and its appointed patent counsel to insert on this document any further identification that may be necessary or desirable by any patent office.

EXECUTED as of the date(s) written below by DECLARANT/ASSIGNOR:

Full name of inventor: Shuo-Wei Chen

Inventor's signature:  Date: 3/21/17

Residence: South Pasadena, CA/US
City State/Country

Post Office Address: 2024 La France Avenue, South Pasadena, CA 91030, US