PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT

EPAS ID: PAT3501975

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YUAN GAO	08/25/2015
FRANK LEONG	08/20/2015
ROBERT BOGDAN STASZEWSKI	08/25/2015

RECEIVING PARTY DATA

Name:	NXP B.V.
Street Address:	HIGH TECH CAMPUS 60
City:	EINDHOVEN
State/Country:	NETHERLANDS
Postal Code:	5656-AG

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14836823

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	ROBERT J. CRAWFORD
SIGNATURE:	/Robert J. Crawford/
DATE SIGNED:	08/27/2015

Total Attachments: 3

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PATENT 503455350 REEL: 036438 FRAME: 0967

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, I/we, as below-named Assignor/s, hereby sell, assign, and transfer the entire and exclusive right, title, and interest in the following to **NXP B.V.**, having a place of business at High Tech Campus 60, NL-5656 AG, Eindhoven, NL, its successors, assigns, and legal representatives, including any nominees (collectively "the Assignee"):

(1) my/our invention relating to "FREQUENCY SYNTHESIZERS WITH AMPLITUDE CONTROL" for which the following patent application(s) has/have been filed (I/we hereby authorize and request my/our attorneys associated with U.S. Patent & Trademark Office Customer Number 65913 to insert below the filing date and application number of the U.S. application when known):

<u>Country</u> <u>Application No.</u> <u>Filing Date (mm/dd/yyyy)</u> <u>Claims Priority of</u> US

- (2) the foregoing application(s) and all other United States, foreign and international patent applications associated therewith, based thereon, or claiming priority there from including, but not limited to, any and all provisionals, non-provisionals, divisions, continuations, continuations-in-part, re-examinations, reissues, and extensions thereof, and
- (3) the right to claim priority thereto, and the entire and exclusive right, title, and interest in and to any and all patents granted on these applications.

I/we authorize and request that the Patent Office officials in the United States and in any and all foreign countries to issue any and all Letters Patent when granted, solely to **NXP B.V.**, for its sole use, and that of its successors, assigns, and legal representatives.

I/we will provide my/our cooperation to enable the Assignee to enjoy the foregoing right, title, and interest to the fullest extent. Upon request at the expense of the Assignee, I/we agree to execute all papers, take all rightful oaths, testify in all legal proceedings including patent prosecutional actions and infringement actions, and do all other such acts which may be necessary, desirable, or convenient for securing and maintaining patents on the foregoing invention or for perfecting title thereto in the Assignee.

I/we certify that I/we have the full right to convey the above rights.

		, Assignor
Date	Frank Leong	
		, Assignor
Date	Robert Bogdan Staszewski	-
08/25/2015	Yyan Gao	, Assignor
Date	Yuan Gao	

PATENT REEL: 036438 FRAME: 0968

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I/we certify that I/we have the full right to convey the above rights.

Frank Leong	, Assignor
Robert Bogdan Staszewski	, Assignor
Yuan Gao	, Assignor

PATENT REEL: 036438 FRAME: 0969

ASSIGNMENT

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- (3) the right to claim priority thereto, and the entire and exclusive right, title, and interest in and to any and all patents granted on these applications.

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92-10-10-10-10-10-10-10-10-10-10-10-10-10-		, Assignor
Date	Frank Leong	
2015-08-25		, Assignor
Date	Robert Bogdan Staszewski	
		, Assignor
Date	Yuan Gao	

PATENT REEL: 036438 FRAME: 0970

RECORDED: 08/27/2015