504093519 11/14/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4140188

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHUFAN CHAN	11/03/2016
CHAE KUN LEE	10/22/2016
KISUN LEE	10/22/2016
NICHOLAS SEROFF	10/21/2016

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:	15331581

CORRESPONDENCE DATA

Fax Number: (408)518-5557

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: 408-518-5500 Email: lynn.miller@nxp.com

Correspondent Name: INTELLECTUAL PROPERTY AND LICENSING NXP

Address Line 1: 411 EAST PLUMERIA DRIVE, MS41
Address Line 4: SAN JOSE, CALIFORNIA 95134

ATTORNEY DOCKET NUMBER:	82018246US01
NAME OF SUBMITTER:	LYNN MILLER
SIGNATURE:	/Lynn Miller/
DATE SIGNED:	11/14/2016

Total Attachments: 4

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PATENT 504093519 REEL: 040302 FRAME: 0613

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Docket No. 82018246US01

JOINT ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we, as a below-named Assignor, 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) our invention relating to "SYSTEM AND METHOD FOR POWER MANAGEMENT" 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>	Application No.	Filing Date (mm/dd/yyyy)	Claims Priority of
US	15/331581	10/21/2016	
and			

- (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.

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.

We will provide 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, 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.

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

Nov 3 2016	Jan San Clan	, Assignor
Date	Shufan Chan	, 1
		, Assigno
Date	Nicholas Seroff	
		, Assignor
Date	Kisun Lee	
		, Assignor
Date	Chae Kun Lee	

Docket No. 82018246US01

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

Date	Shufan Chan	Assignor
Date	Nicholas Scroff	Assignor
Date	Kisun Lee	, Assignor
<u>/0/22/20/6</u> Date	Mac Kun Lee	, Assignor

Docket No. 82018246US01

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Country Application No. Filing Date (mm/dd/vyyx) Claims Priority of US 15/331581 10/21/2016

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- (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
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We certify that we have the full right to convey the above rights.

Date	Shufan Chan , Assigno
Date	Nicholas Segoff Assignor
<u>/0/22-/25/6</u> Bate	Assignor Kissin Lee
Date	Chan Van Yan

PTO/AIA/01 (06-12)
Approved for use through 01/31/2014. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

SYSTEM AND METHOD FOR POWER MANAGEMENT Invention
As the below named inventor, I hereby declare that:
This declaration The attached application, or is directed to:
United States application or PCT international application number 15/331581 filed on October 21, 2016
The above-identified application was made or authorized to be made by me.
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
I 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 five (5) years, or both.
WARNING:
Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.
LEGAL NAME OF INVENTOR
Inventor: Nicholas Seroff Date (Optional): 10/21/16 Signature:
γ Note: An application data sheet (PTO/AIA/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use an additional PTO/SB/AIA01 form for each additional inventor.

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1 minute to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PATENT REEL: 040302 FRAME: 0618

RECORDED: 11/14/2016