502895095 07/16/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2941692

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HEON-JOON KIM	06/13/2014
JAE-HO HWANG	07/11/2014

RECEIVING PARTY DATA

Name:	SK HYNIX INC.
Street Address:	2091, GYEONGCHUNG-DAERO, BUBAL-EUB, ICHEON-SI
City:	GYEONGGI-DO
State/Country:	REPUBLIC OF KOREA

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14333329

CORRESPONDENCE DATA

Fax Number: (571)327-5452

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: 571-327-5450

Email: ipntlaw@ipntlaw.com

Correspondent Name: IP & T GROUP LLP

Address Line 1: 8230 LEESBURG PIKE

Address Line 2: SUITE 650

Address Line 4: VIENNA, VIRGINIA 22182

ATTORNEY DOCKET NUMBER:	P14H0028/US
NAME OF SUBMITTER:	MYUNG SOO KIM
SIGNATURE:	/Myung Soo KIM/
DATE SIGNED:	07/16/2014
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 2

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PATENT 502895095 REEL: 033327 FRAME: 0975

SHINSUNG: IVX000133714

Attorney Docket No.:

ASSIGNMENT OF AND DECLARATION FOR APPLICATION FOR UNITED STATES LETTERS PATENT	
WHEREAS KIM, Heon-Joon	hereinafter
referred to collectively as the assignor and inventor, has invented a certain improvement relating to	
DC-to-DC CONVERTER AND METHOD FOR FABRICATING THE SAME	
[X] said application being attached hereto; [] said application having been filed in the United States Patent and Trademark Office on	was amended
on	
AND WHEREAS <u>SK hynix Inc.</u> hereinafter referred to as the assignee or applicant, is desirous of acquiring the entire right, title and interest in application, including any and all divisions and continuations thereof, and in and to said invention and any ar which may be granted therefor, including any and all renewals, reissues and prolongations thereof;	
NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other god consideration paid by said assignee to said assigner, the receipt of which is hereby acknowledged, said assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive interest in and to said application, including any and all divisions and continuations thereof, and in and to sai any and all patents which may be granted therefor, including any and all rerewals, reissues and prolongation assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application and all divisions and continuations thereof, and the said invention and any and all patents which may be gaincluding any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges an anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents including any and all renewals, reissues and prolongations thereof, for the use and benefit of said ass assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could enjoyed the same, if this assignment had not been made.	assignor hereby e right, title and id invention and ons thereof; said a, including any tranted therefor, d advantages in s when granted, ignee, and said
AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all related prolongations thereof.	
AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue L said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's assigns, in accordance herewith.	
As an above-named inventor, I hereby declare that the above-identified application was made or a made by me, and that I am the original inventor or an original joint inventor of a claimed invention in the app	authorized to be olication.
I hereby acknowledge that any willful false statement made in this declaration is punishable under by fine or imprisonment of not more than five (5) years, or both.	18 U.S.C. 1001
ASSIGNOR (INVENTOR):	
Signature: Bj Date: 13 June 2014	
Printed or Typed Name: KIM, Heon-Joon	**************************************
Page 1 of 1	

SHINSUNG:	IVX000133714
Attorney Docket No.:	

ASSIGNMENT OF AND DECLARATION FOR APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS HWANG, Jae-Ho	, hereinafter
referred to collectively as the assignor and inventor, has invented a certain improvement relating to	
DC-to-DC CONVERTER AND METHOD FOR FABRICATING THE SAME	
The second secon	
[X] said application being attached hereto; [] said application having been filed in the United States Patent and Trademark Office on, as Application Serial No, on	and was amended
AND WHEREAS SK hynix Inc.	. ,
hereinafter referred to as the assignee or applicant, is desirous of acquiring the entire right, title and i application, including any and all divisions and continuations thereof, and in and to said invention at which may be granted therefor, including any and all renewals, reissues and prolongations thereof;	nterest in and to said and any and all patents
NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledge assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and interest in and to said application, including any and all divisions and continuations thereof, and in a any and all patents which may be granted therefor, including any and all renewals, reissues and proposed and said assignee's successors and assigns, to have, hold, exercise and enjoy the said and all divisions and continuations thereof, and the said invention and any and all patents which rincluding any and all renewals, reissues and prolongations, thereof, with all the rights, powers, privanywise arising from or apportaining thereto, for and during the term or terms of any and all suc including any and all renewals, reissues and prolongations thereof, for the use and benefit of assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might enjoyed the same, if this assignment had not been made.	ed, said assignor hereby exclusive right, title and and to said invention and colongations thereof; said oplication, including any may be granted therefor, ileges and advantages in h patents when granted, said assignee, and said
AND said assignor hereby agrees to perform, upon the request of said assignee, or said assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any a and prolongations thereof.	assignee's successors or nd all renewals, reissues
AND said assignor authorizes and requests the Commissioner of Patents and Trademarks t said application, and on any and all divisions and continuations thereof, to said assignee, and said assigns, in accordance herewith.	o issue Letters Patent on assignee's successors and
As an above-named inventor, I hereby declare that the above-identified application was made by me, and that I am the original inventor or an original joint inventor of a claimed invention	made or authorized to be in the application.
I hereby acknowledge that any willful false statement made in this declaration is punishably fine or imprisonment of not more than five (5) years, or both.	le under 18 U.S.C. 1001
	୍ର ଜୁନ୍ତ ଅଧିକ୍ର
ASSIGNOR (INVENTOR):	
Signature: Date: July 11,2014	Marian and an individual supplementation of the supplement of the supplementation of the su
Deleted on Toron 4 November 1994 No. 100 Ho	
Printed or Typed Name: <u>HWANG, Jae-Ho</u>	MARKETTEN PROPERTY OF THE PROP
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PATENT REEL: 033327 FRAME: 0977

RECORDED: 07/16/2014