502169060 12/19/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date		
Kyong-Bong ROUH	12/18/2012		
Yong-Seok EUN	12/18/2012		
Mi-Ri LEE	12/18/2012		

RECEIVING PARTY DATA

Name:	SK hynix Inc.
Street Address:	2091, Gyeongchung-daero, Bubal-eub, Icheon-si
City:	Gyeonggi-do
State/Country:	KOREA, REPUBLIC OF

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13719808

CORRESPONDENCE DATA

Fax Number: 5713275452

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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:	P12H0101/US					
NAME OF SUBMITTER:	Michael S. Brooke					
	This document serves as an Oath/Declaration (37 CFR 1.63).					

Total Attachments: 3

source=IVX000130639_P12H0101US_ASSIGNMENT&DECLARATION#page1.tif source=IVX000130639_P12H0101US_ASSIGNMENT&DECLARATION#page2.tif source=IVX000130639_P12H0101US_ASSIGNMENT&DECLARATION#page3.tif

PATENT REEL: 029500 FRAME: 0389 OF \$40.00 13/19808

FOR UNITED STATES LETTERS PATENT
WHEREAS ROUH, Kyong-Bong , hereinafte
eferred to collectively as the assignor and inventor, has invented a certain improvement relating to
TRANSISTOR WITH RECESS GATE 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
, as Application Serial No and was amend
on(if applicable);] the specification of which was filed under the Patent Cooperation Treaty on,
Serial No, the United States of America being designated.
AND WHEREAS SK hynix Inc.
pereinafter referred to as the assignee or applicant, is desirous of acquiring the entire right, title and interest in and to said
application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents
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 good and valual
consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor herel
assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title at
nterest in and to said application, including any and all divisions and continuations thereof, and in and to said invention a my and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; sa
assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including an
and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefore
ncluding any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages
mywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when grante including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and sa
assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held at
enjoyed the same, if this assignment had not been made.
AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors
issigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissu
and prolongations thereof.
ANTEN CALL COLOR C
AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent and application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors as
issigns, in accordance herewith.
As an above-named inventor, I hereby declare that the above-identified application was made or authorized to nade by me, and that I am the original inventor or an original joint inventor of a claimed invention in the application.
used by the, and that I am the original inventor of an original joint inventor of a claimed invention in the approacion.
Thereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 10
by fine or imprisonment of not more than five (5) years, or both
Acateman antangnan
ASSIGNOR (INVENTOR):
Signature: Rouh Kyoung Bong Date: December 18,2012
Printed or Typed Name: ROUH, Kyong-Bong
7.4

ASSIGNMENT OF AND DECLARATION FOR APPLICATION

Page 1 of 1

Attorney Docket No.:

ASSIGNMENT OF AND DECLARATION FOR APPLICATION FOR UNITED STATES LETTERS PATENT		
WHEREAS EUN, Yong-Seok	, here	inafter
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eferred to collectively as the assignor and inventor, has invented a certain improvement relating to		~
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on(if applicable);		
I the specification of which was filed under the Patent Cooperation Treaty on, Serial No, the United States of America being designated.		
serial IVO, the Officed States of Afficiate being designated.		
AND WHEREAS SK hynix Inc.		
referented 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 any 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 good consideration paid by said assignee to said assignor, 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 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 granted the said invention and any and all patents which may be granted therefor, including any and all patents which may be granted thereof, and the said invention and any and all patents which may be granted divisions and continuations thereof, and the said invention and any and all patents which may be granted thereof, or 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 assignsers in a sample and benefit at manner as the said assignor might or could enjoyed the same, if this assignment had not been made.	d all p d and assigno right, d inver ns ther , inclu ranted d adva when gnee,	valuable or hereby title and ntion and reof; said iding any therefor, ntages in granted, 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 renand prolongations thereof.	s succ iewals	essors or , reissues
AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Lead application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's assigns, in accordance herewith.	etters succe	Patent on ssors and
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	uthori licatio	zed to be n.
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	S.C. 1001
ASSIGNOR (INVENTOR):		
Signature: Ecm, Yong Souk Date: December 18, 2012		

Page 1of 1

Attorney Docket No.:

Printed or Typed Name: <u>EUN, Yong-Seok</u>

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referred to collective										
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NOW THE consideration paid assigns, sells and transfers in and to satisfy and all patents assignee, and said and all divisions are including any and a anywise arising from including any and assignee's successor enjoyed the same, included the same, included the same, including any and assignee's successor enjoyed the same, including any and all patents are successor enjoyed the same, including any and all patents are successor enjoyed the same, including any and all patents are successor enjoyed the same, including any and all patents are successor enjoyed the same, including any and all patents are successor enjoyed the same, including any and all patents are successor enjoyed the same, including any and all patents are successor enjoyed the same, including any and all patents are successor enjoyed the same, including any and all patents are successor enjoyed and all patents are successor enjoyed the same and all patents are successor enjoyed and al	by said as ansfers to id applicat which ma assignee's ad continual an or appe all renewal rs and ass	ssignee to said said assignee, tion, including y be granted the successors and ations thereof, ls, reissues and ertaining therety als, reissues a igns, in as am	assignor and said a any and a anerefor, in d assigns, and the s i prolongato, for and prolongle and b	the recassigneed to have to have to have to during the during ngations	ceipt of which 's successors ons and continuous and all r the hold, exercive tion and an ereof, with all the term or thereof, for	n is here and assi- muations enewals se and y and al the rig terms of the use	gns, the full and thereof, and in, reissues and penjoy the said I patents which hts, powers, prof any and all see and benefit of	ged, said exclust and to a prolonga application may be ivileges uch pate of said a	d assign ive right said investions the on, including granter and advents whe ssignee	nor hereby it, title and ention and ereof; said uding any d therefor antages in m granted and said
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I hereby a by fine or imprison						s declar	ation is punish	able und	er 18 U.	.S.C. 1001
ASSIGNOR (INVI	ENTOR):									
Signature; L	Œ, M	ī-27			Date:D	ecem	ber 18,	2012		
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ASSIGNMENT OF AND DECLARATION FOR APPLICATION



Attorney Docket No.:

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