#### 503974725 08/24/2016

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4021381

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
HONG JUNE PARK	07/06/2016
SOO MIN LEE	07/06/2016
YONG JU KIM	07/12/2016
HAE KANG JUNG	07/06/2016

### **RECEIVING PARTY DATA**

Name:	SK HYNIX INC.	
Street Address:	2091, GYEONGCHUNG-DAERO, BUBAL-EUB, GYEONGGI-DO	
City:	ICHEON	
State/Country:	KOREA, REPUBLIC OF	
Postal Code:	467-734	
Name:	POSTECH ACADEMY-INDUSTRY FOUNDATION	
Street Address:	77 CHEONGAM-RO, NAM-GU, GYEONGSANGBUK-DO	
City:	POHANG	
State/Country:	KOREA, REPUBLIC OF	
Postal Code:	790-784	

# **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15245514

## **CORRESPONDENCE DATA**

Fax Number: (425)348-3299

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: 425-348-3500

Email: docketing@ampacc.com

**Correspondent Name:** AMPACC LAW GROUP, PLLC

6100 219TH ST. SW Address Line 1:

Address Line 2: SUITE 580

Address Line 4: MOUNTLAKE TERRACE, WASHINGTON 98043

ATTORNEY DOCKET NUMBER: K100GD-067700US

> **PATENT REEL: 039525 FRAME: 0465**

503974725

NAME OF SUBMITTER:	STEVE Y. CHO	
SIGNATURE:	/STEVE Y. CHO/	
DATE SIGNED:	08/24/2016	
Total Attachments: 5		
source=2016_08_24_ASSGMT_K100GD-067700US#page1.tif		
source=2016_08_24_ASSGMT_K100GD-067700US#page2.tif		
source=2016_08_24_ASSGMT_K100GD-067700US#page3.tif		

source=2016\_08\_24\_ASSGMT\_K100GD-067700US#page4.tif source=2016\_08\_24\_ASSGMT\_K100GD-067700US#page5.tif

PATENT REEL: 039525 FRAME: 0466

Attorney Docket No.: K100GD-067700US Client Reference No.: S16-1037US

#### DECLARATION AND ASSIGNMENT OF PATENT APPLICATION

As a below named inventor, I hereby declare that:

This declaration is directed to the application attached hereto, or if not attached hereto, the below-identified application:

Title of Invention: DATA TRANSMISSION APPARATUS, DATA

RECEPTION APPARATUS, DATA

TRANSMISSION AND RECEPTION SYSTEM

Filing Date: August 24, 2016

Application No.: 15/245,514

Attorney Docket No.: K100GD-067700US

The 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 statements 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.

WHEREAS, the below named individual(s), hereinafter referred to as "Assignors," are the inventor(s) of the invention described and set forth in the above-identified application for United States Letters Patent;

WHEREAS, SK hynix Inc., located at 2091, Gyeongchung-daero, Bubal-eub, Gyeonggi-do, Icheon, 467-734, Republic of Korea, and POSTECH ACADEMY-INDUSTRY FOUNDATION, located at 77 Cheongam-ro, Nam-gu, Gyeongsangbuk-do, Pohang, 790-784, Republic of Korea, hereinafter referred to as "ASSIGNEE," is desirous of acquiring ASSIGNORS' interest in the said invention and application and in any U.S. Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said Assignee, and Assignee's successors and assigns, all their right, title and interest in and to the said invention and application including any corresponding foreign application, and in and to any Letters Patent which may hereafter be granted on the same in the United States and any corresponding foreign application, the said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignors had this Assignment and transfer not been made, to the full end and term of any Letters Patent which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Attorney Docket No.: K100GD-067700US Chem Reference No.: \$16-1037US

Page 2

Assignors hereby authorize and request AMPACC Law Group, PLLC, 6100.219th Street SW, Suite 580, Mountlake Terrace, WA 98043, to insert herein above the title, application number, and filing date of said application when known.

July 6 <sup>6</sup> , 2016	Yorg
Date:	Inventor's Name: Hong Julie ARK.
Date:	Inventor's Name: Soo Min LEE
Date:	Inventor's Name: Yong Ju KIM
Date:	Iñventor's Name: Hae Kang JUNG

Attorney Docket No.: K100GD-067700US Client Reference No.: \$16-1637US

Page 2

Assignors hereby authorize and request AMPACC Law Group, PLLC, 6100 219th Street SW, Suite 580, Mountlake Terrace, WA 98043, to insert herein above the title, application number, and filing date of said application when known.

Date:	Inventor's Name: Hong June PARK
July 6, 2016 Date:	Inventor's Name: Soo Min LEE
Date:	inventor's Name: Yong Ju KIM
Date:	Inventor's Name: Hae Kang JUNG

Attorney Docket No.: K100GD-067700US Client Reference No.: S16-1037US

Page 2

Assignors hereby authorize and request AMPACC Law Group, PLLC, 6100 219th Street SW, Suite 580, Mountlake Terrace, WA 98043, to insert herein above the title, application number, and filing date of said application when known.

				and the second		
Date:			***************************************		Inventor's Name: Hong June PARK	
Date:					Inventor's Name: Soo Min LEE	
	2016	n.	12		Yong 54 152M	
Date:			,		Inventor's Name: Yong Ju KIM	ing the second s
Date:		************		•	Inventor's Name: Hae Kang JUNG	

Attorney Docket No.: K100GD-067700US

Client Reference No.: \$16-1037US

Page 2

Assignors hereby authorize and request AMPACC Law Group, PLLC, 6100 219th Street SW, Suite 580, Mountlake Terrace, WA 98043, to insert herein above the title, application number, and filing date of said application when known.

Date:	Inventor's Name: Hong June PARK
Date:	Inventor's Name: Soo Min LEE
Date:	Inventor's Name: Yong Ju KIM
July 6, 2016	Hackay Fug