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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHUL WOO KIM	10/12/2017
SANG GEUN BAE	10/12/2017
HYUN SU PARK	10/11/2017
CHOONG HWAN LEE	10/11/2017

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15797772

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ATTORNEY DOCKET NUMBER: 100GD0752US

> **PATENT** REEL: 044348 FRAME: 0947

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NAME OF SUBMITTER:	ME OF SUBMITTER: STEVE Y. CHO		
SIGNATURE: /STEVE Y. CHO/			
DATE SIGNED:	11/01/2017		
Total Attachments: 2			
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source=3102537#page2.tif			

PATENT REEL: 044348 FRAME: 0948

Attorney Docket No.: 100GD0752US Client Reference No.: 517-1088US

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:

OPTICAL TRANSCRIVER

Filing Date:

October 30, 2017

Application No.:

15/797,772

Attorney Docket No.:

100GD0752US

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, Gyeongehung-daero, Bubal-cub, Gyeonggi-do, Icheon 17336 Republic of Korea, and Korea University Research and Business Foundation, located at 145 Anam-ro, Seonghuk-gu, Seoul 02841 Republic of Korea, bereinafter 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 grunted 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 is 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 Umted 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.

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.

Declaration and Assignment Attorney Docket No.: 100GD0752US Client Reference No.: S17-1088US

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IN TESTIMONY WHEREOF, each below named inventor, collectively Assignors, has signed on the dates indicated.

08 12, 20/1	chilos al-
	Inventor's Name: Chul Woo KIM
Date: 17, 18, 12,	Invertor's Name: Sang Geun BAE ((水))
Date: 70 - 11	Inventor's Name: Hyun Su PAKK
Date: 1/\ , \Q \(\)	Inventor's Name: Choong Hwan LEE

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