# 506805575 08/06/2021 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6852394

		NEW ASSIGNMENT		
ATURE OF CONVEY	ANCE:	ASSIGNMENT		
CONVEYING PARTY	DATA			
		Name	Execution Date	
DONGSUK KANG			05/31/2021	
JAEWOO PARK			05/31/2021	
JUNG-HOON CHUN			05/31/2021	
KYU DONG HWANG			06/15/2021	
DAE HAN KWON			06/15/2021	
City: State/Country: Postal Code:		ICHEON KOREA, REPUBLIC OF		
Name:		RESEARCH & BUSINESS FOUNDATION SUNGKYUNKWAN UNIVERSITY		
Street Address:		2066, SEOBU-RO, JANGAN-GU, GYEONGGI-DO		
City:	SUWOI	SUWON		
Unit in the second seco		KOREA, REPUBLIC OF		
State/Country:	KOREA	A, REPUBLIC OF		

## CORRESPONDENCE DATA

**Application Number:** 

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.Email:docketing@ampacc.comCorrespondent Name:AMPACC LAW GROUP, PLLCAddress Line 1:6100 219TH ST SW #580Address Line 4:MOUNTLAKE TERRACE, WASHINGTON 98043

17395288

ATTORNEY DOCKET NUMBER: 100KP1051US

PATENT REEL: 057103 FRAME: 0345

506805575

NAME OF SUBMITTER:	AUTUMN DIAZ			
SIGNATURE:	/AUTUMN DIAZ/			
DATE SIGNED:	08/06/2021			
Total Attachments: 4 source=DeclarationAssignment#page1.tif source=DeclarationAssignment#page2.tif source=DeclarationAssignment#page3.tif source=DeclarationAssignment#page4.tif				

Attorney Docket No.: 100KP1051US Client Reference No.: 20210331.002

#### 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:

TRANSMITTER FOR TRANSMITTING A DUOBINARY SIGNAL

Filing Date:

Application No.:

Attorney Docket No.: 100KP1051US

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-eub, Gyeonggi-do, Icheon, 17336 Republic of Korea and Research & Business Foundation SungKyunKwan University, located at 2066, Scobu-to, Jangan-gu, Suwon-si, Gyeonggi-do, 16419, Republic of Korea, hereinafter referred to as "ASSIGNEES," 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, THEREPORE, 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 Assignees, and Assignees' 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 Assignees 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 Assignees, but at Assignees' expense, cooperate with Assignees 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 Assignees lawfully may request, to obtain or maintain Letters Patent for said invention and improvement, and to vest title thereto in Assignees, or Assignees successors and assigns.



PATENT REEL: 057103 FRAME: 0347 Declaration and Assignment

Attorney Docket No.: 100KP1051U8 Client Reference No.: 20210331.002

Page 2

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

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

(Signature)

Date: 2021. 05. 31

(Signature) Kourg

Inventor's Name: Dongsuk KANG

Date: 2021 05.31

Inventor's Name, Jaewoo PARK (Signature) /

Inventor's Name, June Hoon CHUN

Date: 2021, 05, 3]

### PATENT REEL: 057103 FRAME: 0348

#### 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:

TRANSMITTER FOR TRANSMITTING A DUOBINARY SIGNAL

Filing Date:

Application No.:

Attorney Docket No.: 100KP1051US

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, 17336 Republic of Korea and Research & Business Foundation SungKyunKwan University, located at 2066, Seobu-ro, Jangan-gu, Suwon-si, Gyeonggi-do, 16419, Republic of Korea, hereinafter referred to as "ASSIGNEES," 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 Assignees, and Assignees' 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 Assignees 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 Assignces, but at Assignces' expense, cooperate with Assignces 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 Assignces lawfully may request, to obtain or maintain Letters Patent for said invention and improvement, and to vest title thereto in Assignces, or Assignces successors and assigns.

Page 1 of 2

Intersection (See Section 2)

PATENT

REEL: 057103 FRAME: 0349

Declaration and Assignment Attorney Docket No.: 100KP1051US

Client Reference No.: 20210331.002

Page 2

Assignors hereby authorize and request AMPACC Law Group, PLLC, 6100 219<sup>th</sup> Street SW, Suite 380, Mountlake Terrace, WA 98043, to insert herein above the title, application number, and filing date of said application when known.

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

June, 15, 2021

Date:

June 15, 2021

(Signature) Kyn Dang HWAN 67 Inventor's Name: Kyn Dong HWANG

NAZHAN KWON (Signature)

Inventor's Name: Dae Han KWON

Date:



Page 2 of 2

₩₽₩/Oustom Design

PATENT REEL: 057103 FRAME: 0350 17.12