

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SEOKHYEONG KANG	07/30/2021
SUNMEAN KIM	07/30/2021
SUNGHYE PARK	07/30/2021
SUNGYUN LEE	07/30/2021
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Postal Code:	37673
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17489629
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NAME OF SUBMITTER:	SOYEON P. LAUB, REG. #39,266
SIGNATURE:	/Soyeon P. Laub/
DATE SIGNED:	10/01/2021
Total Attachments: 2	

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Docket No.: 125995-5004

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which are hereby acknowledged, the undersigned,

(1) <u>Seokhyeong KANG</u>	(4) <u>SungYun LEE</u>
(2) <u>Sunmean KIM</u>	(5) _____
(3) <u>Sunghye PARK</u>	(6) _____

who have made a certain new and useful invention, hereby sell, assign and transfer to

Postech Research and Business Development Foundation
77, Cheongam-ro, Nam-gu
Pohang-si, Gyeongsangbuk-do
37673 Republic of Korea

and its successors, assigns and legal representatives (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in and to the invention entitled

TERNARY LOGIC CIRCUIT DEVICE

for which an application for United States Letters Patent was filed on September 29, 2021, and identified by United States Application No. 17/489,629, including any and all United States Letters Patent and certificates which may be granted therefor, including any and all extension, divisional, reissue, substitute, renewal, continuation, continuation-in-part, re-examination, inter partes review, post grant review and covered business method applications, requests, patents, grants and certificates thereof in the United States;

and the undersigned hereby authorize and request the practitioners appointed in said application to insert the filing date and application number of said application as necessary;

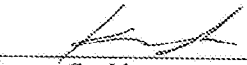
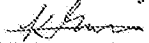
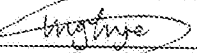
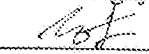
and the undersigned hereby authorize and request the United States Commissioner for Patents and Trademarks to issue any and all such United States Letters Patent and certificates which may be granted therefor, and any and all such extension, divisional, reissue, substitute, renewal, continuation, continuation-in-part, re-examination, inter partes review, post grant review and covered business method patents, grants and certificates thereof, and the right to all benefits under the International Convention for the

Protection of Industrial Property to said ASSIGNEE, for its interest as ASSIGNEE; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

and the undersigned hereby agree to transfer a like interest, to render all necessary assistance in making application for and obtaining original, extended, divisional, reissued, substituted, renewed, continued, continued-in-part, re-examined, inter partes review, post grant review and covered business method Letters Patent and certificates of the United States, upon request of said ASSIGNEE and without further remuneration, in and to any improvements and applications for patent based thereon, growing out of or related to said invention, and to execute any papers by or for said ASSIGNEE, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred;

and the undersigned agree that this assignment may be (i) executed in multiple counterparts, each of which will be deemed an original and all of which together will constitute one and the same instrument and (ii) executed or delivered by facsimile, electronic PDF file, DocuSign or other means of an electronic signature process.

SIGNED on the dates indicated aside the signature(s):

INVENTORS	DATE SIGNED
1)  Name: Seokhyeong KANG	July 30, 2021
2)  Name: Sunmean KIM	July 30, 2021
3)  Name: Sunghye PARK	July 30, 2021
4)  Name: SungYun LEE	July 30, 2021
5) _____ Name: _____	_____
6) _____ Name: _____	_____