505736479 10/23/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5783293

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DONG HA SHIN	09/20/2019
JE MAN LEE	09/20/2019
SEUNG-CHUL LEE	09/20/2019
KANG HO KIM	09/20/2019

RECEIVING PARTY DATA

Name:	SANGMYUNG UNIVERSITY INDUSTRY-ACADEMY COOPERATION FOUNDATION
Street Address:	20, HONGJIMUN 2-GIL,
City:	JONGNO-GU, SEOUL
State/Country:	KOREA, REPUBLIC OF
Postal Code:	03016
Name:	ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE
Name: Street Address:	ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE 218, GAJEONG-RO,
Street Address:	218, GAJEONG-RO,

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16659761

CORRESPONDENCE DATA

Fax Number:

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: 2032591800

Email:mdyer@pgpatent.comCorrespondent Name:PERMAN & GREEN LLPAddress Line 1:99 HAWLEY LANE

Address Line 4: STRATFORD, CONNECTICUT 06614

ATTORNEY DOCKET NUMBER: 1111-015809-US(PAR)

NAME OF SUBMITTER: WILLIAM J. KNOTTS, JR.

PATENT 505736479 REEL: 050800 FRAME: 0025

SIGNATURE:	/wjk53145/
DATE SIGNED:	10/23/2019
This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 3	

source=2019-10-24_DeclarationandAssignment_executed_#page1.tif source=2019-10-24_DeclarationandAssignment_executed_#page2.tif

source=2019-10-24_DeclarationandAssignment_executed_#page3.tif

PATENT REEL: 050800 FRAME: 0026

DECLARATION (37CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

As the below named inventor, I hereby declare that: This declaration is [X] The attached application, or directed to: [] United States application number ______or PCT application number filed on _____ and was amended on (if applicable) Title: METHOD AND APPARATUS FOR TRANSFORMATION OF MPI PROGRAMS FOR MEMORY CENTRIC COMPUTERS The above-identified application was made or authorized to be made by me. I believe that I am the original, first inventor or an original, first and joint inventor of a claimed Invention in the application and for which a patent is sought. I hereby state that I have reviewed and understand the contents of the above-identified application, including the specification and claims, as amended by any amendment referred to above. I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulation, Section 1.56. Whereas, I/we, the below-identified inventor(s), have invented certain new and useful improvements in the Invention identified above and described in the above-identified application (referred to herein as the "Invention"); And, whereas I/we desire to assign the entire worldwide right, title and interest in and to the invention and to any and all patent applications and patents directed thereto to the Assignee identified below: SANGMYUNG UNIVERSITY INDUSTRY-ACADEMY Assignee Name (if applicable): COOPERATION FOUNDATION

Page 1 of 3

20, Hongjimun 2-gil Jongno-gu, Seoul 03016 REPUBLIC OF KOREA

Assignee Address (if applicable):

Rev. 130322v2

Assignee Name (if applicable):

ELECTRONICS AND

TELECOMMUNICATIONS

RESEARCH INSTITUTE

Assignee Address (if applicable):

218, Gajeong-ro

Yuseong-gu, Daejeon 34129 REPUBLIC OF KOREA

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

I/we hereby assign, sell and transfer my/our above-identified rights, title and interest in said Invention, said application identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights. Convention rights, and other benefits accruing or to accrue to me/us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And I/we hereby authorize and request the Director of the United States Patent and Trademark Office to issue any United States Letters Patent which may issue for said Invention to said Assignce, as assignce of the whole right, title and interest thereto;

And I/we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or for obtaining any reissue or reissues of any Letters Patent which may be granted for my/our aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

I/we hereby acknowledge that any willful false statement 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.

Legal Name of Inventor (Assignor)	* *	i:
Signature: Dougha	Shin	Date: September 20, 2019
Country of Citizenship:	KR	
Witnessed By (if applicable):		Date: September 24, 2019
Signature: <u>Channee Kim</u>	City: Seoul	State: Segui
Witnessed By (if applicable):		Date:
Signature:	City:	State:

PATENT REEL: 050800 FRAME: 0028

Legal Name of Inventor (Assignor if applicable), Je Man LEE;	
Signature:		Date: September 20, 2019
Country of Citizenship: KR	***************************************	
Witnessed By (if applicable): Chanhee Kim	·····	Date: September 24, 2019
Signature: Chanhee Kim	_City:Seoul	State: Seoul
Witnessed By (if applicable):	***************************************	Date:
Signature:	_City:	State:
Legal Name of Inventor (Assignor if applicable)), Seung-Chul LE	E:
Signature: 48t	***************************************	Date: 1/20 tenter 20, 2019
Country of Citizenship:KR		
Witnessed By (if applicable): Chanhee Kim		Date: September 24, 2019
Signature: Chanhee Kim	City: Seoul	State: Seoul
Witnessed By (if applicable):	***************************************	Date:
Signature;	_City;	State:
Legal Name of Inventor (Assignor if applicable)	, Kang Ho KIM:	
Signature: Lesson		Date: September 20, 2019
Country of Citizenship: KR	·····	
Witnessed By (if applicable): Chanhee Kin	1	Date: September 24, 2019
Signature: Chanhee Kim	City: Seoul	State: Seoul
Witnessed By (if applicable):	······································	Date:
Signature:	City:	State:

Page 3 of 3

PATENT REEL: 050800 FRAME: 0029