505543032 06/25/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SEUNG HYUB BAEK	03/08/2018
TAE HYEON KIL	03/08/2018
SANGHYEON KIM	03/08/2018
WON JUN CHOI	03/08/2018
JEONG MIN BAIK	03/12/2018
KI-SUK LEE	03/12/2018

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16451736

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PATENT 505543032 REEL: 049580 FRAME: 0570

ATTORNEY DOCKET NUMBER:	KCL-115CIP (KIST)	
NAME OF SUBMITTER:	ROBERT H. BERDO, JR.	
SIGNATURE:	/Robert H. Berdo, Jr./	
DATE SIGNED:	06/25/2019	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 4

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ASSIGNMENT OF AND DECLARATION FOR APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Seung Hyub BAEK, Tae Hyeon KIL, Sanghyeon KIM, Won Jun CHOI, Jeong Min BAIK and Ki-Suk LEE of Republic of Korea hereinafter referred to collectively as the assignor and inventor, has invented a certain improvement relating to

THIN FILM STRUCTURE FOR MICRO-BOLOMETER AND METHOD FOR FABRICATING THE SAME

	
[V] said application being attached hereto; [] said application having been filed in the United St	ates Patent and Trademark Office on
, as Application Serial No	, and was amended on
(if applicable); [] the specification of which was filed under the Pate Serial NoUnited States o	ent Cooperation Treaty on f America being designated.
and UNIST(ULSAN NATIONAL INSTITUTE OF SC hereinafter referred to as the assignees or applicants in and to said application, including any and all divis	CIENCE AND TECHNOLOGY of Seoul, Republic of Korea EIENCE AND TECHNOLOGY) of Ulsan, Republic of Koreas, are desirous of acquiring the entire right, title and interest ions and continuations thereof, and in and to said invention therefor, including any and all renewals, reissues and
valuable consideration paid by said assignee to said assignor hereby assigns, sells and transfers to said full and exclusive right, title and interest in and continuations thereof, and in and to said invention including any and all renewals, reissues and prosuccessors and assigns, to have, hold, exercise and and continuations thereof, and the said invention including any and all renewals, reissues and prolor advantages in anywise arising from or appertaining to patents when created including any and all renewals	consideration of One Dollar (\$1.00), and other good and assignor, the receipt of which is hereby acknowledged, said assignee, and said assignee's successors and assigns, the to said application, including any and all divisions and and any and all patents which may be granted therefor, clongations thereof; said assignee, and said assignee's denjoy the said application, including any and all divisions and any and all patents which may be granted therefor, ngations thereof, with all the rights, powers, privileges and hereto, for and during the term or terms of any and all such as reissues and prolongations thereof, for the use and benefit and assigns, in as ample and beneficial a manner as the said arme, if this assignment had not been made.
AND said assignor hereby agrees to perform successors or assigns, any and all acts relating to the and all renewals, reissues and prolongations thereof.	rm, upon the request of said assignee, or said assignee's e obtaining or to the asserting of said patents, including any
AND said assignor authorizes and request Letters Patent on said application, and on any and a said assignee's successors and assigns, in accordan	s the Commissioner of Patents and Trademarks to issue all divisions and continuations thereof, to said assignee, and ce herewith.
As an above-named inventor, I hereby deauthorized to be made by me, and that I am the invention in the application.	eclare that the above-identified application was made or original inventor or an original joint inventor of a claimed
I hereby acknowledge that any willful false U.S.C. 1001 by fine or imprisonment of not more than	statement made in this declaration is punishable under 18 1 five (5) years, or both.
Address all correspondence and telephone 500, Washington, D.C. 20005, Telephone: (202) 371	calls to Rabin & Berdo, P.C., 1101 14 th Street, N.W., Suite -8976; Fax: (202) 408-0924, Customer No. 23995.
	ASSIGNOR (SOLE OR FIRST INVENTOR):
	Signature:
•	Legal Name: Seung Hyub BAEK
	Date: 03/00/20/8

Attorney Reference: KCL-115 (KIST)

Continued – Page 2 ASSIGNMENT OF AND DECLARATION FOR APPLICATION FOR UNITED STATES LETTERS PATENT

· ·	COND INVENTOR):
Signature:	
	Tae Hyeon KIL
Date:	03/08/2018
ASSIGNOR (THII	•
Legal Name:	Sanghyeon KIM
Date:	
ASSIGNOR (FOU	IRTH INVENTOR): , ~
Signature:	W.J. Cher
	Won Jun CHOI
Date:	03/08/2018
ASSIGNOR (FIFT	'H INVENTOR)
·	· · · · · · · · · · · · · · · · · · ·
	Jeong Min BAIK
Date:	
	•
ASSIGNOR (SIXT	'H INVENTOR)
•	
.egai Name:	Ki-Suk LEE

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Attorney Reference: KCL-115 (KIST)

Continued – Page 2 ASSIGNMENT OF AND DECLARATION FOR APPLICATION FOR UNITED STATES LETTERS PATENT

•	OND INVENTOR):
Signature:	
Legal Name:	Tae Hyeon KIL
Date:	
ASSIGNOR (THIR	RD.MVENTOR):
Signature:	11/10 1 /
-	Sanghyeon KIM
Date: Ath.	March, 2018
ASSIGNOR (FOU	-
Legal Name:	Won Jun CHOI
Date:	
ASSIGNOR (FIFT)	H INVENTOR):
Signature:	
	Jeong Min BAIK
Date:	t.
ACCIONOD (COT	(I INVENTOR)
ASSIGNOR (SIXTI	-
Signature:	
∟egai Name; Date:	Ki-Suk LEE
rate.	

RABIN & BERDO, P.C., Washington, D.C.

Attorney	/ Reference:	

Continued – Page 2 ASSIGNMENT OF AND DECLARATION FOR APPLICATION FOR UNITED STATES LETTERS PATENT

ASSIGNOR (SECONE	O INVENTOR):
Signature:	
	Tae Hyeon KIL
Date:	
ASSIGNOR (THIRD II	IVENTOR):
Signature:	
Legal Name:	Sanghyeon KIM
Date:	
ACCIONOD (COURT)	MUZUTAD)
ASSIGNOR (FOURTH	•
Signature:	
	Won Jun CHOI
Date:	
ASSIGNOR (FIFTH IN	VENTORY)
Signature:	
Legal Name:	Jeong Min BAIK
Date:	20/A
Date,	•
ASSIGNOR (SIXTH IN	VENTOR):
Signature:	
	Ki-Suk LEE
Date: 3 /2	

RABIN & BERDO, P.C., Washington, D.C.

PATENT REEL: 049580 FRAME: 0575

RECORDED: 06/25/2019