

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5975861

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the SIXTH INVENTORS LAST NAME previously recorded on Reel 048720 Frame 0026. Assignor(s) hereby confirms the ASSIGNMENT.
CONVEYING PARTY DATA	
Name	Execution Date
YONG-DAE PARK	01/07/2019
JUNG-JOON MIN	02/14/2017
SEUNG DAE YANG	01/07/2019
MIN-GOO HUR	01/07/2019
SEUNG-JIN JUNG	01/04/2019
YEONG JIN HONG	01/31/2019
SEUNG-HWAN PARK	01/07/2019
RECEIVING PARTY DATA	
Name:	KOREA ATOMIC ENERGY RESEARCH INSTITUTE
Street Address:	#111, DAEDEOK-DAERO 989BEON-GIL, YUSEONG-GU
City:	DAEJEON
State/Country:	KOREA, REPUBLIC OF
Postal Code:	34057
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16337184
CORRESPONDENCE DATA	
Fax Number:	(202)739-3001
<i>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.</i>	
Phone:	2027393000
Email:	patents@morganlewis.com, anne.sayles@morganlewis.com
Correspondent Name:	JANICE H. LOGAN
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Address Line 4:	WASHINGTON, D.C. 20004
ATTORNEY DOCKET NUMBER:	123120-5001
NAME OF SUBMITTER:	TOYOMI OHARA
SIGNATURE:	/Toyomi Ohara/

DATE SIGNED:	02/21/2020
Total Attachments: 10 source=CorrectedAssignment#page1.tif source=CorrectedAssignment#page2.tif source=CorrectedAssignment#page3.tif source=CorrectedAssignment#page4.tif source=CorrectedAssignment#page5.tif source=CorrectedAssignment#page6.tif source=CorrectedAssignment#page7.tif source=CorrectedAssignment#page8.tif source=CorrectedAssignment#page9.tif source=CorrectedAssignment#page10.tif	



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

MARCH 29, 2019

PTAS

JANICE H. LOGAN
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WASHINGTON, DC 20004

505397785

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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RECORDATION DATE: 03/27/2019

REEL/FRAME: 048720/0026
NUMBER OF PAGES: 7

BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: 123120-5001

ASSIGNOR:

PARK, YONG-DAE

DOC DATE: 01/07/2019

ASSIGNOR:

MIN, JUNG-JOON

DOC DATE: 02/14/2019

ASSIGNOR:

YANG, SEUNG DAE

DOC DATE: 01/07/2019

ASSIGNOR:

HUR, MIN-GOO

DOC DATE: 01/07/2019

ASSIGNOR:

JUNG, SEUNG-JIN

DOC DATE: 01/04/2019

ASSIGNOR:

~~HONG, YEONG-JIN~~ HONG, YEONG JIN

DOC DATE: 01/31/2019

ASSIGNOR:

PARK, SEUNG-HWAN

DOC DATE: 01/07/2019

ASSIGNEE:

KOREA ATOMIC ENERGY RESEARCH
INSTITUTE
#111, DAEDEOK-DAERO 989BEON-GIL,
YUSEONG-GU
DAEJEON, KOREA, REPUBLIC OF 34057

APPLICATION NUMBER: 16337184

FILING DATE:

PATENT NUMBER:

ISSUE DATE:

TITLE: CURCUMIN DERIVATIVE, METHOD FOR PRODUCING SAME, AND
PHOTO-ACOUSTIC IMAGING AGENT COMPRISING SAME FOR DETECTING
BETA-AMYLOID PLAQUE

ASSIGNMENT RECORDATION BRANCH
PUBLIC RECORDS DIVISION

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5444579

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
YONG-DAE PARK	01/07/2019
JUNG-JOON MIN	02/14/2019
SEUNG DAE YANG	01/07/2019
MIN-GOO HUR	01/07/2019
SEUNG-JIN JUNG	01/04/2019
YEONG-JIN HONG <u>YEONG-JIN HONG</u>	01/31/2019
SEUNG-HWAN PARK	01/07/2019
RECEIVING PARTY DATA	
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Fax Number:	(202)739-3001
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Phone:	202.739.3000
Email:	patents@morganlewis.com, anne.sayles@morganlewis.com
Correspondent Name:	JANICE H. LOGAN
Address Line 1:	1111 PENNSYLVANIA AVE NW
Address Line 4:	WASHINGTON, D.C. 20004
ATTORNEY DOCKET NUMBER:	123120-5001
NAME OF SUBMITTER:	JANICE LOGAN
SIGNATURE:	/Janice Logan/
DATE SIGNED:	03/27/2019

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<p>Fax Number: (202)739-3001 Phone: 202.739.3000 Email: patents@morganlewis.com, anne.sayles@morganlewis.com <i>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.</i> Correspondent Name: JANICE H. LOGAN Address Line 1: 1111 PENNSYLVANIA AVE NW Address Line 4: WASHINGTON, D.C. 20004</p>																	
ATTORNEY DOCKET NUMBER:	123120-5001																

NAME OF SUBMITTER:	JANICE LOGAN
Signature:	/Janice Logan/
Date:	03/27/2019
Total Attachments: 5 source=AssignmentKorea#page1.tif source=AssignmentKorea#page2.tif source=AssignmentKorea#page3.tif source=AssignmentKorea#page4.tif source=AssignmentKorea#page5.tif	
RECEIPT INFORMATION EPAS ID: PAT5444579 Receipt Date: 03/27/2019	

ASSIGNMENT

WHEREAS WE, the below named inventors, (hereinafter referred to as "Assignors"), have made an invention entitled:

CURCUMIN DERIVATIVE, METHOD FOR PRODUCING SAME, AND PHOTO-ACOUSTIC IMAGING AGENT COMPRISING SAME FOR
DETECTING BETA-AMYLOID PLAQUE

for which WE filed PCT/KR2016/010878; and

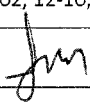
WHEREAS **Korea Atomic Energy Research Institute**, whose post office address is 111, Daedeok-daero 989beon-gil, Yuseong-gu Daejeon 34057, Republic of Korea (hereinafter referred to as "Assignee"), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the applications of patent on this invention and the Letters Patent to be issued upon these applications;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee has hereby acknowledged, WE, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, OUR entire right, title, and interest in and to this invention and all United States applications, and all divisions, and continuations thereof, and all United States Letters Patents which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such applications, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and divisionals and reissues thereof; and WE hereby authorize and request the Director of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent of this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY covenant that WE have the full right to convey the interest assigned by this Assignment, and WE have not executed and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that WE will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to US respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, WE have hereunto set my hands.

Full Name of Assignor	Yong-Dae PARK
Address	#402, 12-10, Ipseongnam-gil, Jeongeup-si Jeollabuk-do 56188 Republic of Korea
Signature	
Date	Jan. 07, 2019
Full Name of Assignor	Jung-Joon MIN
Address	#104-703, 88, Jeungsimcheon-ro, Dong-gu Gwangju 61712 Republic of Korea
Signature	
Date	

Morgan, Lewis & Bockius LLP

ASSIGNMENT

WHEREAS WE, the below named inventors, (hereinafter referred to as "Assignors"), have made an invention entitled:

CURCUMIN DERIVATIVE, METHOD FOR PRODUCING SAME, AND PHOTO-ACOUSTIC IMAGING AGENT COMPRISING SAME FOR
DETECTING BETA-AMYLOID PLAQUE

for which WE filed PCT/KR2016/010878; and


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NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee has hereby acknowledged, WE, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, OUR entire right, title, and interest in and to this invention and all United States applications, and all divisions, and continuations thereof, and all United States Letters Patents which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such applications, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and divisionals and reissues thereof; and WE hereby authorize and request the Director of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent of this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;



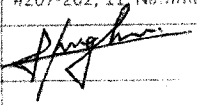
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AND, WE HEREBY further covenant and agree that WE will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to US respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

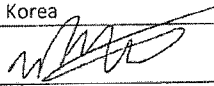
IN TESTIMONY WHEREOF, WE have hereunto set my hands.

Full Name of Assignor	Yong-Dae PARK
Address	#402, 12-10, Ipseongnam-gil, Jeongeup-si Jeollabuk-do 56188 Republic of Korea
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Date	
Full Name of Assignor	Jung-Joon MIN
Address	#104-703, 88, Jeungsimcheon-ro, Dong-gu Gwangju 61712 Republic of Korea
Signature	
Date	February 14, 2019

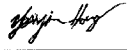
Morgan, Lewis & Bockius LLP

Full Name of Assignor	Seung Dae YANG
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Date	Jan. 7, 2019
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Signature	
Date	Jan. 7, 2019
Full Name of Assignor	Seung-Jin JUNG
Address	#102-906, 3-1, Jukgyocheon-ro 132beon-gil, Mokpo-si Jeollanam-do 58715 Republic of Korea
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Date	
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Signature	
Date	
Full Name of Assignor	Seung-Hwan PARK
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Signature	
Date	Jan. 9, 2019

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Full Name of Assignor	Seung-Dae YANG
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Full Name of Assignor	Min-Goo HUR
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Signature	
Date	
Full Name of Assignor	Seung-Jin JUNG
Address	#102-906, 3-1, Jukgyocheon-ro 132beon-gil, Mokpo-si Jeollanam-do 58715 Republic of Korea
Signature	
Date	2019. 01. 04
Full Name of Assignor	Yeong-Jin HONG
Address	#301-1706, 92-1, Yongdae-ro, Nam-gu Gwangju 61682 Republic of Korea
Signature	
Date	
Full Name of Assignor	Seung-Hwan PARK
Address	#207-202, 11, Nammun-ro 693beon-gil, Dong-gu Gwangju 61464 Republic of Korea
Signature	
Date	

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Full Name of Assignor	Seung-Dae YANG
Address	#502, 45, Seonghwangsan-gil, Jeongeup-si Jeollabuk-do 56180 Republic of Korea
Signature	
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Address	#102-906, 3-1, Jukgyocheon-ro 132beon-gil, Mokpo-si Jeollanam-do 58715 Republic of Korea
Signature	
Date	
Full Name of Assignor	Yeong-Jin HONG
Address	#301-1706, 92-1, Yongdae-ro, Nam-gu Gwangju 61682 Republic of Korea
Signature	
Date	Jan 31, 2019
Full Name of Assignor	Seung-Hwan PARK
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Signature	
Date	

Morgan, Lewis & Bockius LLP