506732594 06/24/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6779411

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHIYAMALA DURAIPANDIAN	06/01/2021
FIONA LYNG	06/01/2021
DAMIEN TRAYNOR	06/01/2021
JOHN O'LEARY	07/08/2020
CARA MARTIN	07/08/2020
PADRAIG KEARNEY	10/06/2020

RECEIVING PARTY DATA

Name:	TECHNOLOGICAL UNIVERSITY DUBLIN
Street Address:	PARK HOUSE GRANGEGORMAN
Internal Address:	191 NORTH CIRCULAR ROAD
City:	DUBLIN
State/Country:	IRELAND
Postal Code:	D07 EWV4
Name:	THE PROVOST, FELLOWS, FOUNDATION SCHOLARS, AND THE OTHER MEMBERS OF BOARD, OF THE COLLEGE OF THE HOLY AND UNDIVIDED TRINITY OF QUEEN ELIZABETH NEAR DUBLIN
Street Address:	COLLEGE GREEN
City:	DUBLIN
State/Country:	IRELAND
Postal Code:	DUBLIN 2

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16472337

CORRESPONDENCE DATA

Fax Number: (214)745-5390

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: (214) 745-5379

Email: rchildress@winstead.com

Correspondent Name: WINSTEAD PC

PATENT 506732594 REEL: 056653 FRAME: 0370

Address Line 1: P.O. BOX 131851
Address Line 4: DALLAS, TEXAS 75313

ATTORNEY DOCKET NUMBER: 51026-P534WOUS

NAME OF SUBMITTER: LEKHA GOPALAKRISHNAN

SIGNATURE: /Lekha Gopalakrishnan/

DATE SIGNED: 06/24/2021

Total Attachments: 12
source=51026P534WOUS_Assignment#page1.tif
source=51026P534WOUS_Assignment#page2.tif
source=51026P534WOUS_Assignment#page3.tif
source=51026P534WOUS_Assignment#page4.tif
source=51026P534WOUS_Assignment#page5.tif
source=51026P534WOUS_Assignment#page6.tif
source=51026P534WOUS_Assignment#page7.tif

source=51026P534WOUS_Assignment#page8.tif source=51026P534WOUS_Assignment#page9.tif source=51026P534WOUS_Assignment#page10.tif source=51026P534WOUS_Assignment#page11.tif source=51026P534WOUS_Assignment#page12.tif

PATENT REEL: 056653 FRAME: 0371

ASSIGNMENT

THIS ASSIGNMENT, by Shiyamala DURAIPANDIAN; Fiona LYNG; and Damien TRAYNOR (hereinafter Assignors), of 65 Frankfort Avenue, Rathgar, Dublin 6b, IRELAND; 31 Ellesmere Avenue, North Circular Road, Dublin D7, IRELAND; and 76 River Valley Drive, Swords, Dublin, IRELAND, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in A METHOD FOR IDENTIFICATION OF LOW GRADE CERVICAL CYTOLOGY CASES LIKELY TO PROGRESS TO HIGH GRADE/CANCER, set forth in a Patent application for which an International Application was filed on December 20, 2017, PCT/EP2017/083753, designating the United States; and

WHEREAS, Technological University Dublin, of Park House Grangegorman, 191
North Circular Road, Dublin D07 EWV4, IRELAND (hereinafter referred to as Assignee), is
desirous of acquiring the entire right, title and interest of the Assignors in and to the inventions and
the Application for Letters Patent of the United States, and in and to any Letters Patent of the
United States to be obtained therefor and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is acknowledged, Assignors have sold, assigned, transferred and set over, and do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest of the Assignors in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of the application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or

1

4814-2155-9453v.1 51026-74 4/15/2021 extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest of the Assignors in and to the inventions and application for Letters Patent above-mentioned, and that same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey same in the manner set forth in this Assignment.

AND for the same consideration, Assignors covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, does advise: that any proceeding in connection with the inventions, or Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for the inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors request the Commissioner of Patent and Trademarks to issue Letters Patent of the United States to Assignee, as Assignee of inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

2

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

WINSTEAD PC

All practitioners at Customer Number 120607

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

3

01.06.2021		
Date	Shiyamala DURAIPANDIAN	
Witness:	\mathcal{A} , \mathcal{A}	
01.06,2021	Aufn hard	

Date

01/06/2021	expx expx
Date	Fiona LYNG
Witness:	andu hus
01/06/2021	
Date	***************************************

06/01/2021	Bamien Traynor	
Date	Damien TRAYNOR	
Witness:		
06/01/2021	Audu Kron	
Date		

IP Portal 16-October-2019 Our Ref: P186965.US.01 Your Ref: T-16-034-US

ASSIGNMENT

THIS ASSIGNMENT, by John O'LEARY; Cara MARTIN; and Padraig KEARNEY (hereinafter Assignors), of School of Medicine, Trinity College Dublin, College Green, Dublin D2, IRELAND; School of Medicine, Trinity College Dublin, College Green, Dublin D2, IRELAND; and School of Medicine, Trinity College Dublin, College Green, Dublin D2, IRELAND, respectively;

WHEREAS. Assignors have invented certain new and useful improvements in A METHOD FOR IDENTIFICATION OF LOW GRADE CERVICAL CYTOLOGY CASES LIKELY TO PROGRESS TO HIGH GRADE/CANCER, set forth in a Patent application for which an International Application was filed on December 20, 2017, PCT/EP2017/083753, designating the United States; and

WHEREAS, The Provost, Fellows, Foundation Scholars, and the Other Members of Board, of the College of the Holy and Undivided Trinity of Queen Elizabeth Near Dublin, of College Green, Dublin D2, IRELAND (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest of the Assignors in and to the inventions and the Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefor and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is acknowledged, Assignors have sold, assigned, transferred and set over, and do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest of the Assignors in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of the application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, same to be held and enjoyed by Assignce, for its own use and benefit and the use and benefit of its successors, legal representatives

į

4815-0734-6333v.1 51026-74 7/22/2019

IP Portal 16-October 2019 Our Ref: P186965.US.01

Your Ref: T-16-034-US

and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest of the Assignors in and to the inventions and application for Letters Patent above-mentioned, and that same are unencombered and that Assignors have good and full right and lawful authority to sell and convey same in the manner set forth in this Assignment.

AND for the same consideration, Assignors covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, does advise: that any proceeding in connection with the inventions, or Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for the inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors request the Commissioner of Patent and Trademarks to issue Letters Patent of the United States to Assignee, as Assignee of inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

US - United States

Portal 16-October-2019 Our Ref: P186965.US.01 Your Ref: T-16-034-US

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

WINSTEAD PC

All practitioners at Customer Number 120607

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

3

4815-0734-6333v.1 51026-74 7/22/2019

Date	John O'LEARY
Witness:	
Date	

51028-P534WCN3

4815-0734-6333v.i 51026-74 7/22/2019

REEL: 056653 FRAME: 0381

Date	Cara MARTIN	
Witness:		
Date		

\$1028 P\$34WCX/\$

4813-0734-6333v.1 51026-74 7/22/2019

06 - 10 - 20	Padam 1	Cenn
Date	Padraig KEARNEY	7
Witness:	.2	3
06-10-20 Date	<u>&~~</u>	terding

\$1078 PS.WWD.PS