504995374 07/10/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5042122

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GREGORY IAN FROST	07/05/2017
JAMES JOSEPH ONUFFER	07/05/2017
GHIABE H GUIBINGA	07/05/2017
FARZAD HAERIZADEH	07/05/2017

RECEIVING PARTY DATA

Name:	F1 ONCOLOGY, INC
Street Address:	625 N. FLAGLER DR., SUITE 625
City:	WEST PALM BEACH
State/Country:	FLORIDA
Postal Code:	33401

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15644778

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: 561-650-5048

Email: gschreiber@f1oncology.com

Correspondent Name: GREG SCHREIBER

Address Line 1: 625 N. FLAGLER DR., SUITE 625
Address Line 4: WEST PALM BEACH, FLORIDA 33401

ATTORNEY DOCKET NUMBER:	F1.001.US.02
NAME OF SUBMITTER:	MICHAEL MAND
SIGNATURE:	/Michael Mand/
DATE SIGNED:	07/10/2018

Total Attachments: 7

source=F1.001.WO.02 US.02 TW.02 2017 07 05 Assignment All inventors but Kundu to F1 US#page1.tif source=F1.001.WO.02 US.02 TW.02 2017 07 05 Assignment All inventors but Kundu to F1 US#page2.tif source=F1.001.WO.02 US.02 TW.02 2017 07 05 Assignment All inventors but Kundu to F1 US#page3.tif

PATENT 504995374 REEL: 046299 FRAME: 0554

source=F1.001.WO.02 US.02 TW.02 2017 07 05 Assignment All inventors but Kundu to F1 US#page4.tif source=F1.001.WO.02 US.02 TW.02 2017 07 05 Assignment All inventors but Kundu to F1 US#page5.tif source=F1.001.WO.02 US.02 TW.02 2017 07 05 Assignment All inventors but Kundu to F1 US#page6.tif source=F1.001.WO.02 US.02 TW.02 2017 07 05 Assignment All inventors but Kundu to F1 US#page7.tif

PATENT REEL: 046299 FRAME: 0555

ASSIGNMENT

In consideration of good and valuable considerations, the receipt and sufficiency whereof are hereby acknowledged, effective as of our original signature dates below, the undersigned:

Gregory Ian Frost (resident of West Palm Beach, FL) with mailing address 625 N. Flagler Dr., Suite 625, West Palm Beach, Florida 33401;

James Joseph Onuffer (resident of Alameda, CA) with mailing address 625 N. Flagler Dr., Suite 625, West Palm Beach, Florida 33401;

Ghiabe H. Guibinga (resident of San Diego, CA) with mailing address 625 N. Flagler Dr., Suite 625, West Palm Beach, Florida 33401; and

Farzad Haerizadeh (resident of San Diego, CA) with mailing address 625 N. Flagler Dr., Suite 625, West Palm Beach, Florida 33401

(collectively referred to herein as "Assignors"),

do hereby assign, sell and transfer to:

F1 Oncology, Inc., a corporation of the State of Delaware having a place of business at 625 N. Flagler Dr., Suite 625, West Palm Beach, Florida 33401, USA ("Assignee"),

its successors and assigns, the entire right, title and interest in the invention and/or improvements of the undersigned disclosed in the patent applications and other rights shown below:

- (a) U.S. Ser. No. 15/644,778 filed July 8, 2017 entitled METHODS AND COMPOSITIONS FOR TRANSDUCING LYMPHOCYTES AND REGULATING THE ACTIVITY THEREOF (Docket No. F1.001.US.02), and naming Inventors Gregory Ian Frost, James Joseph Onuffer, Ghiabe H. Guibinga, and Farzad Haerizadeh, and Applicant F1 Oncology, Inc.; and,
- (b) International Appln. No PCT/US2017/41277 filed July 8, 2017 entitled METHODS AND COMPOSITIONS FOR TRANSDUCING LYMPHOCYTES AND REGULATING THE ACTIVITY THEREOF (Docket No. F1.001.WO.02), and naming Inventors Gregory Ian Frost, James Joseph Onuffer, Ghiabe H. Guibinga, and Farzad Haerizadeh, and Applicant F1 Oncology, Inc.; and,
- (c) Taiwan Appln. No. 106123053 filed July 10, 2017 entitled METHODS AND COMPOSITIONS FOR TRANSDUCING LYMPHOCYTES AND REGULATING THE ACTIVITY THEREOF (Docket No. F1.001.TW.02), and naming Inventors Gregory Ian Frost, James Joseph Onuffer, Ghiabe H. Guibinga, and Farzad Haerizadeh, and Applicant F1 Oncology, Inc.
- (d) any and all inventions, improvements, know-how, and other subject matter described, disclosed, or contained (whether claimed or not) in any of the

PATENT REEL: 046299 FRAME: 0556 foregoing applications and patents, whether developed solely or jointly with others; and,

- (e) the right to file foreign applications under the provisions of any convention or treaty and claim priority based on any of the foregoing applications in the United States or any other country; and,
- (f) all international, divisional, continuing, design, utility model, substitute, renewal, reissue, reexamination, and all other applications for patent which have been or shall be filed in the United States and all foreign countries that claim priority to or through, any of the foregoing applications; and,
- (g) all original, reissued and reexamined patents which have been or shall be issued in the United States or any other country on or resulting from any of the applications referenced in one or more of (a) through (f) above; and,
- (h) the copyright in any and all material described, disclosed, or contained in the foregoing applications and patents; and,
- (i) any and all other rights described in or provided by any of the above.

The undersigned Assignors warrant themselves to be the owners of the entire right, title and interest in said invention or improvements and other rights in the same and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

The undersigned hereby authorize and request all patent offices to issue any Patents and/or other rights resulting from any of the applications and/or rights referenced in one or more of (a) through (i) above to said Assignee. The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the filing date and serial numbers of said applications when officially known, and the date of execution of the application.

For said considerations the undersigned hereby agree, upon the request and at the expense of said Assignee, its successors and assigns, to execute any and all applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Patent that may be granted upon said application and any and all applications and other documents for Patent and/or other rights on said invention or improvements, or other rights, that said Assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorize said Assignee to apply for patents and/or other rights for said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said Assignee, its successors and assigns, to cooperate to the best of the ability of the

PATENT REEL: 046299 FRAME: 0557 undersigned with said Assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents and/or other rights, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Patents and vest all rights therein hereby conveyed in the Assignee, its successors and assigns, whereby said Patents and/or other rights will be held and enjoyed by the said Assignee, its successors and assigns, to the full end of the term for which said Patents and/or other rights will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

Signature by Assigner:	Signature by Assigner:
Name: Gargory Ian Front Date: Ask - S - 2017	Name: Jænes Joseph Onuffer Date:
Signature by Assignor:	Signature by Assignor:
Name: Ghiabe H. Guibinga Date:	Name: Fuzad Haerizadeh Date:
Accepted by Assigned Recipient:	

undersigned with said Assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents and/or other rights, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Patents and vest all rights therein hereby conveyed in the Assignee, its successors and assigns, whereby said Patents and/or other rights will be held and enjoyed by the said Assignee, its successors and assigns, to the full end of the term for which said Patents and/or other rights will be granted, as fally and antiroly as the same would have been held and enjoyed by the undersigned if this assignment had not been made:

Signman by Assigner	Signature by Assignor:
Name: Gregory Ian Prost	Sales Sumes Sales
The state of the s	Date
Date:	Date:7/5/2612
Signature by Assignor:	Signature by Assignor:
Name: Ghighe H. Guibings	Name: Farzad Haerizadeh
Samuel	and the second of the second s
Date:	288:
Accepted by Assignce Recipient	
ALCEPTE OF AUSTRIAL BEST SERVICES.	
Name Großey H. Schreiber Position: Senior Director, IP Smalegy & Livensing	
Name, Crogney in Sensorer Pacinian Comprehensian IP Stratom & Licensian	
For Fi Oneology, Inc.	
Date: July 5, 2017	
Date: 4494 Details 1	

F1.001.US.02, F1.001.WO.02, F1.001.TW02 Assignment: Frist, Onuffer, Guibings, and Haerizadeh to F1 Oncology, Inc.

undersigned with said Assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents and/or other rights, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Patents and vest all rights therein hereby conveyed in the Assignee, its successors and assigns, whereby said Patents and/or other rights will be held and enjoyed by the said Assignee, its successors and assigns, to the full end of the term for which said Patents and/or other rights will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

Signature by Assignor:	Signature by Assignor:
Name: Gregory Isn Frost	Name: James Joseph Onuffer
Date:	Date:
	A CONTRACTOR OF THE PROPERTY O
Signature by Assignor:	Signature by Assignor:
ningamina and a second particles	AND THE PROPERTY OF THE PROPER
Name: Ghiabe H. Guibings	Name: Farzad Haerizadeh
Date: <u>Lily 5, 201</u> 7	Date:
""" 0"""	LANCE.
Accepted by Assignee/Recipient:	
June phrily	
 May May 	
Position: Senior Director, IP Strategy & Licensing	
For: Fl Oncology, Inc.	
Date: <u>11/4 5, 20/7</u>	
<u> </u>	
1	1

undersigned with said Assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents and/or other rights, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Patents and vest all rights therein hereby conveyed in the Assignee, its successors and assigns, whereby said Patents and/or other rights will be held and enjoyed by the said Assignee, its successors and assigns, to the full end of the term for which said Patents and/or other rights will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

Signature by Assignor:	Signature by Assignor:
Name: Gregory Ian Frost Date:	Name: James Joseph Onuffer
23412.	Date:
Signature by Assignor:	Signature by Assignor:
Name: Ghiabe H. Guibinga	Name: Farzad Haerizadeh
Date:	Date: 67/05/209
Accepted by Assigner/Recipient: Accepted by Assigner/Recipient:	

undersigned with said Assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents and/or other rights, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Patents and vest all rights therein hereby conveyed in the Assignee, its successors and assigns, whereby said Patents and/or other rights will be held and enjoyed by the said Assignee, its successors and assigns, to the full end of the term for which said Patents and/or other rights will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

Signature by Assignor:	Signature by Assignor:
Name: Gregory Ian Frost	Name: James Joseph Onuffer
Date:	Date:
Signature by Assignor:	Signature by Assignor:
Name: Ghiabe H. Guibinga	Name: Farzad Haerizadeh
Date:	Date:
Accepted by Assignee/Recipient:	
Name: Gregory H. Schreiber Position: Senior Director, IP Strategy & Licensing For: F1 Oncology, Inc. Date:	

PATENT REEL: 046299 FRAME: 0562

RECORDED: 07/10/2018