PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4540794

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HENRY BREM	03/03/2016
ANTONELLA MANGRAVITI	05/19/2016
ALESSANDRO OLIVI	04/21/2016
BETTY M. TYLER	05/17/2016
TULA RAGHAVAN	03/17/2016

RECEIVING PARTY DATA

Name:	THE JOHNS HOPKINS UNIVERSITY
Street Address:	3400 N. CHARLES STREET
City:	BALTIMORE
State/Country:	MARYLAND
Postal Code:	21218

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15549547

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: 404-879-2150

Email: cindy@pabstpatent.com

Correspondent Name: THE JOHN HOPKINS UNIVERSITY C/O PABST PA

Address Line 1: 1545 PEACHTREE STREET

Address Line 2: SUITE 320

Address Line 4: ATLANTA, GEORGIA 30309

ATTORNEY DOCKET NUMBER:	JHU C 13409
NAME OF SUBMITTER:	CINDY PHILLIPS
SIGNATURE:	/Cindy Phillips/
DATE SIGNED:	08/08/2017

Total Attachments: 6

PATENT REEL: 043232 FRAME: 0176

504494092



PATENT REEL: 043232 FRAME: 0177

ASSIGNMENT

We, Henry Brem of 1550 Orleans Street, CRB2, 2M41, Baltimore, Maryland 21231, Antonella Mangraviti of 1550 Orleans Street, CRB2, 2M45, Baltimore, Maryland 21231, Alessandro Olivi of 1550 Orleans Street, CRB2, 2M41, Baltimore, Maryland 21231, Betty M. Tyler of 1550 Orleans Street, CRB2, 2M41, Baltimore, Maryland 21231 and Tula Raghavan of 1550 Orleans Street, CRB2, 2M41, Baltimore, Maryland 21231, for good and valuable consideration from The Johns Hopkins University, a University of the State of Maryland, having its principal place of business at 3400 N. Charles Street, Baltimore, Maryland 21218 (hereinafter said "Assignee"), the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said Assignee, its successors and assigns, the entire interest for the United States of America, and its territories and all foreign countries and jurisdictions, including all rights of priority under the International Convention for the Protection of Industrial Property, in (1) a certain invention(s) and/or improvement(s) in "Local Delivery Forms of Acriflavine For Treating Tumors" described in International Application No. PCT/US2016/017493 filed in the United States Receiving Office for the Patent Cooperation Treaty on February 11, 2016, by The Johns Hopkins University, and in the provisional application to which priority is claimed, being U.S. Provisional Application Serial No. 62/114,652 filed in the United States Patent and Trademark Office on February 11, 2015, (2) International Application No. PCT/US2016/017493 filed February 11, 2016 and U.S. Provisional Application No. 62/114,652 filed February 11, 2015, and (3) all Letters Patent of the United States and its territories and all foreign countries and jurisdictions which may or shall be granted on said invention(s), or on said application(s), or any provisional, divisional, continuation, reissue, or other applications based thereon. And we agree, for ourselves and our executors and administrators, with said Assignee and its successors and assigns, but at its or their expense or charges, hereafter to execute all applications, amended specifications, deeds or other instruments, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and its territories and in all other foreign countries and jurisdictions to said Assignee, with specifications and claims in such form as shall be approved by the counsel of said

1

Assignee, and to vest and confirm in said Assignee, its successors and assigns, the legal title to all such patents.

And we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said Assignee, its successors and assigns.

And we each individually do hereby state (1) that the application(s) was made or was authorized to be made by each of us and (2) that we each believe ourselves to be the original inventor or joint inventor of a claimed invention in the application(s).

And we each individually do hereby authorize Assignee's attorney to correct any typographical errors on this form, if necessary, and to complete this form by the addition of the application number(s), application filed date(s), and attorney docket number(s), if necessary.

	WITNESS my hand and seal this 3 day of 20/6.
	a Du
Witn	esses:
1.	Signed:
	Printed Name:
	Address:
2.	Signed:
	Printed Name:
	Address:

2

45216168

JHU C13409 PCT 095238,00138

	WITNESS my hand and seal this 19 day of May, 2016.
	Antonella Mangraviti
Witne	sses:
1.	Signed: Vinter Dainteriti Printed Name: ANDREA MANGRAVITI Address: VIA COMUNALE SPENDRO, 63 MOSSINA-PEISE ITALY
2.	Signed: Printed Name: MARIA TROLA Address: VIA COMUNALB SPENONE, 63 MBSINA-98158

3

45216168

JHU C13409 PCT 095238.00138

	WITNESS my hand and seal this 21 day of ATTL 2016
	Alberta Qui
-	Alessandro Olivi
Wit	nesses:
1,	Printed Name: ANNA OUTA PALMIENS Address: LARUD GENEUL 8 - 80 168 ROW - POLICIENT Co
2 _i ,	Printed Name: LIVIA ROSS MASSIMI Address: LAYLUS GEMELLS 8 - 00168 ROLLS BULLIM'S NGOSTINO GEMELL:

4

45216168

JHU C13409 PCT 095238,00138

	WITNESS my hand and seal this 17 day of Man, 2016.
	Seth M. TRec
	Betty M. Tyler
Witnes	sses:
1.	Signed: Burn Pyrml
	Printed Name: () Brendy Raymond
	Address: 1550 Orleans St.
	Baltimore, MD 21287
2.	Signed:
	Printed Name: N: COLAS SKULI
	Address: 1550 orleans St.
	BALTIMORE, MD 21287

	WITNESS my hand and seal this $\frac{1+}{20}$ day of $\frac{10}{20}$.
	Tula Rayham
	Tula Raghavan
Witnes	sses:
1.	Signed: Mahyi Jan Biglill Printed Name: Mahyir & 12 and Biglier
	Printed Name: Malyk syzan Bigdeli Address: 17700 Kilmamal EUT
	Germantown, MD 20374
	3
2.	Signed: Radhka Zood
	Printed Name: Radhika Sood
	Address: 24 Ivy Oak Ct
	Gaithershura MD 20877

6

45216168

RECORDED: 08/08/2017

JHU C13409 PCT 095238.00138

REEL: 043232 FRAME: 0183