

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3579548

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	TYPOGRAPHICAL ERROR IN COVER SHEET TO CORRECT THE ASSIGNEE NAME PREVIOUSLY RECORDED AT REEL/FRAME 036763/0250.		
<b>CONVEYING PARTY DATA</b>			
	<b>Name</b>	<b>Execution Date</b>	
	IRA TABAS	10/06/2015	
	GABRIELLE BETH FREDMAN	10/06/2015	
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK		
<b>Street Address:</b>	535 WEST 116TH STREET		
<b>Internal Address:</b>	412 LOW MEMORIAL LIBRARY		
<b>City:</b>	NEW YORK		
<b>State/Country:</b>	NEW YORK		
<b>Postal Code:</b>	10027		
<b>PROPERTY NUMBERS Total: 1</b>			
	<b>Property Type</b>	<b>Number</b>	
	Application Number:	14777304	
<b>CORRESPONDENCE DATA</b>			
<b>Fax Number:</b>	(404)879-2160		
<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>			
<b>Phone:</b>	4048792150		
<b>Email:</b>	Toni@pabstpatent.com		
<b>Correspondent Name:</b>	PABST PATENT GROUP		
<b>Address Line 1:</b>	1545 PEACHTREE STREET, NE		
<b>Address Line 2:</b>	SUITE 320		
<b>Address Line 4:</b>	ATLANTA, GEORGIA 30309		
<b>ATTORNEY DOCKET NUMBER:</b>	BWH 22007/21889		
<b>NAME OF SUBMITTER:</b>	TONI OSBORNE		
<b>SIGNATURE:</b>	/Toni Osborne/		
<b>DATE SIGNED:</b>	10/21/2015		
<b>Total Attachments: 6</b>			

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ASSIGNMENT

4 Dexter Ln.  
Albany NY 12203

GF  
10/6/2015

We, Ira Tabas of 13 Jodi Lane, New York, New York, 10956 and Gabrielle Beth Fredman of 435 Central Park West, Apt. 1D, New York, New York, 10025, for good and valuable consideration from The Trustees of Columbia University in the City of New York, a corporation of the state of New York, having its principal place of business at 412 Low Memorial Library, 535 West 116<sup>th</sup> Street, New York, New York, 10027 (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 "*Targeted Polymeric Inflammation-Resolving Nanoparticles*" described in U.S. Application No. 14,777,304 filed in the United States Patent and Trademark Office on September 15, 2015 and International Application No. PCT/US2014/030563 filed in the United States Receiving Office for the Patent Cooperation Treaty on March 17, 2014, and in the provisional application(s) to which priority is claimed, being U.S. Provisional Application No. 61/799,171 filed in the United States Patent and Trademark Office on March 15, 2013, (2) U.S. Application No. 14/777,304 filed September 15, 2015, International Application No. PCT/US2014/030563 filed March 17, 2014, and U.S. Provisional Application U.S. Application No. 61/799,171 filed March 15, 2013, 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. We agree, for ourselves and our executors and

Title: *"Targeted Polymeric Inflammation-Resolving Nanoparticles"*

By: Omid C. Farokhzad, , XueQing Zhang, Xiaoyang Xu, Nazila Kamaly, Mingming Ma, Pedro M. Valencia, Robert S. Langer, Ira Tabas and Gabrielle Beth Fredman,

Filed: September 15, 2015

ASSIGNMENT

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

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.

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).

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 filing date(s), and attorney docket number(s), if necessary.


Title: "Targeted Polymeric Inflammation-Resolving Nanoparticles"

By: Omid C. Farokhzad, , XueQing Zhang, Xiaoyang Xu, Nazila Kamaly, Mingming Ma, Pedro M. Valencia, Robert S. Langer, Ira Tabas and Gabrielle Beth Fredman,


Filed: September 15, 2015

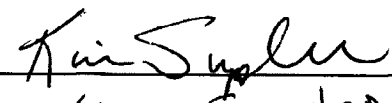
ASSIGNMENT

WITNESS my hand and seal this 6<sup>th</sup> day of October, 2015

  
Ira Tabas

Witnesses:


1. Signed:   
Printed Name: Karen Wisdom  
Address: 122 W 168<sup>th</sup> Street, CUMC  
New York, NY 10032

2. Signed:   
Printed Name: Kim Snyder  
Address: 622 West 168<sup>th</sup> St., CUMC  
New York, NY. 10032

Title: "Targeted Polymeric Inflammation-Resolving Nanoparticles"

By: Omid C. Farokhzad, , XueQing Zhang, Xiaoyang Xu, Nazila Kamaly, Mingming Ma, Pedro M. Valencia, Robert S. Langer, Ira Tabas and Gabrielle Beth Fredman,  
Filed: September 15, 2015  
ASSIGNMENT

WITNESS my hand and seal this 6<sup>th</sup> day of OCTOBER, 20 15

  
\_\_\_\_\_  
Gabrielle Beth Fredman

Witnesses:

1. Signed: Catherine Colasurdo  
Printed Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
**CATHERINE COLASURDO**  
Notary Public, State of New York  
Qualified in Albany County  
Reg. No. 4822176  
Commission Expires June 30, 20 18
2. Signed: \_\_\_\_\_  
Printed Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT3563241

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
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IRA TABAS	10/06/2015
GABRIELLE BETH FREDMAN	10/06/2015
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<b>NAME OF SUBMITTER:</b>	TONI OSBORNE
<b>SIGNATURE:</b>	/Toni Osborne/
<b>DATE SIGNED:</b>	10/07/2015
<b>Total Attachments: 4</b>	
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