

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Pamela Basto	09/22/2011
Robert S. Langer	09/23/2011
RECEIVING PARTY DATA	
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13123886
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ATTORNEY DOCKET NUMBER:	MIT 13344 P(2) 371
NAME OF SUBMITTER:	Candace C. Andrews
Total Attachments: 3 source=MIT_13344_2_371_Executed_Assignment_Basto_Langer#page1.tif source=MIT_13344_2_371_Executed_Assignment_Basto_Langer#page2.tif source=MIT_13344_2_371_Executed_Assignment_Basto_Langer#page3.tif	

OP \$40.00 13123886

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**PATENT**  
**REEL: 027005 FRAME: 0906**

ASSIGNMENT

PB  
09-23-2011

~~68 HOWARD ST #3, CAMBRIDGE, MASSACHUSETTS~~  
We, Pamela Basto of ~~125 Liberty Road, #3, Somerville, Massachusetts 02144~~ and Robert ~~02189~~

S. Langer of 98 Montvale Road, Newton, Massachusetts 02459, in consideration of ten dollars and other valuable consideration paid to us by Massachusetts Institute of Technology, a university of the Commonwealth of Massachusetts, having its principal place of business at One Cambridge Center, Kendall Square, Cambridge, MA 02142-1601 (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 a certain invention or improvement in "*Nicotine Immunonanotherapeutics*" described in U.S. Serial No. 13/123,886 filed in the United States Patent and Trademark Office on April 12, 2011 by Matteo Iannacone, Ulrich von Andrian, Omid C. Farokhzad, Frank Alexis, Pamela Basto, Jinjun Shi, Elliott Ashley Moseman, Robert S. Langer, and Elena Tonti, International Application No. PCT/US2009/060236 filed in the United States Receiving Office for the Patent Cooperation Treaty on October 9, 2009, International Application No. PCT/US2008/011932 filed in the United States Receiving Office for the Patent Cooperation Treaty on October 12, 2008, U.S. Serial No. 12/428,388 filed in the United States Patent and Trademark Office on April 22, 2009, and in 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, or on said applications, 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

U.S.S.N. 13/123,886

Title: *Nicotine Immunonanotherapeutics*

By: Matteo Iannaccone, Ulrich von Andrian, Omid C. Farokhzad, Frank Alexis, Pamela Basto, Jinjun Shi, Elliott Ashley Moseman, Robert S. Langer, and Elena Tonti

Filed: April 12, 2011

ASSIGNMENT

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.

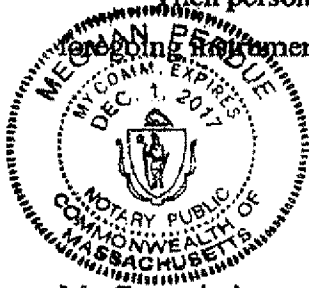
And we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said Assignee, its successors and assigns.

WITNESS my hand and seal this 22 day of September, 2011.

  
Pamela Basto

State of Massachusetts  
County of Suffolk

Then personally appeared the above named Pamela Basto and acknowledged the foregoing instrument to be her free act and deed, before me this 22 day of Sept., 2011.



  
Notary Public

My Commission expires: 12/1/17

U.S.S.N. 13/123,886


Title: *Nicotine Immunonanotherapeutics*

By: Matteo Iannacone, Ulrich von Andrian, Omid C. Farokhzad, Frank Alexis, Pamela Basto, Jinjun Shi, Elliott Ashley Moseman, Robert S. Langer, and Elena Tonti

Filed: April 12, 2011

ASSIGNMENT

WITNESS my hand and seal this 23 day of Sept, 2011.

  
Robert S. Langer

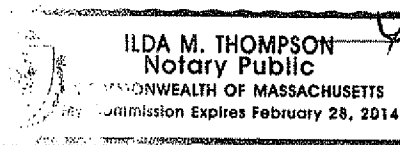
State of

County of

Massachusetts )  
Middlesex )

Then personally appeared the above named Robert S. Langer and acknowledged the foregoing instrument to be his free act and deed, before me this 23 day of Sept, 2011.

My Commission expires:



  
Notary Public