PATENT ASSIGNMENT

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SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT			
CONVEYING PARTY	DATA				
		Name	Execution Date		
Frank X. Gu			06/21/2007		
Benjamin A. Teply			06/14/2007		
Robert S. Langer			06/27/2007		
RECEIVING PARTY	DATA				
Name: Massachusetts Institute of Technology					
Street Address:	One Cambridge Ce	One Cambridge Center			
Internal Address:	Kendall Square	Kendall Square			
City:	Cambridge	Cambridge			
State/Country:	MASSACHUSETTS	MASSACHUSETTS			
Postal Code:	Postal Code: 02142-1601				
Property	Туре	Number			
Property	Type	Number			
Property Application Number:		Number 73354			
Application Number:	1367				
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ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I the undersigned hereby:

1. Sell, assign and transfer to Massachusetts Institute of Technology, a Massachusetts corporation having a place of business at 77 Massachusetts Avenue, Cambridge, MA 02139, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the application for United States Letters Patent filed in the United States Patent and Trademark Office on 05/15/2007 under Serial No. 11/803843, bearing Attorney Docket No. M0925.70197US01, and entitled POLYMERS FOR FUNCTIONAL PARTICLES, and in and to said application and all non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country on any of said inventions; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on said inventions, including the right to apply for patent rights in each foreign country and all rights to priority;

2. Agree that said Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for said inventions in its own name; and when requested, without charge to but at the expense of said Assignee, I agree to carry out in good faith the intent and purpose of this assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to me relating to said inventions and the history thereof, and generally by doing everything reasonably possible which said Assignee shall consider desirable for aiding in securing and maintaining proper protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignee;

3. Request the Honorable Director of the United States Patent and Trademark Office to issue said Letters Patent to said Assignee;

4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing patent/application identification information or correct any errors in the patent/application identification provided above, whether discovered prior to or after recordation;

5. Covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me; and

6. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is executed under seal.

M aistic Date Inventor: Frank X. Gu Address: 550 Memoria) Drive, Ar Cambridge, MA 02139 BOX 42590) Cambridge MA 02142 Citizenship: Canada STATE/COMMONWEALTH OF Massachusetts COUNTY OF Midd/psex On this 21st day of June On this $\frac{217}{6u}$ day of 140, 2007 before me, the undersigned notary public, personally appeared Flank 6u, proved to me through satisfactory evidence of identification, which were MIT 104920535966, to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose. SEA Public minission expires 2000

Docket No. M0925.70197US01

Date

Inventor: Benjamîn A. Tepl 5109 Nicholas St Address: 1151 1/2 Hampshire Street, #1 Omaha NE68132 Cambridge, MA 02139

Citizenship: U.S.

STATE/COMMONWEALTH OF Nebraska____:

COUNTY OF Douglas

On this $\underline{14}$ day of $\underline{3uc}$, 2007 before me, the undersigned notary public, personally appeared Benjamin A. toply, proved to me through satisfactory evidence of identification, which were $\underline{1222}$, to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

Notary Public My commission expires 8 26 09

A GENERAL NOTARY-State of Nebrask	a
PATRICE A. ANDERSEN	,
My Comm. Exp.	1

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Docket No. M0925.70197US01

Page 4 of 4.

Date

Inventor: Robert S.

Address: 98 Montvale Road Newton, MA 02459

Citizenship: U.S.

STATE/COMMONWEALTH OF Mass ach COUNTY OF Middlesex

presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL My commission expires 11/2/2



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PATENT **REEL: 029288 FRAME: 0218**

RECORDED: 11/13/2012