PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:		NEW ASSIGNMENT						
NATURE OF CONVEYANCE:		ASSIGNMENT						
CONVEYING PARTY DATA								
Name Execution Date								
Artificial Muscle, Inc.			08/08/2011					
RECEIVING PARTY DATA								
Name:	Bayer MaterialScience AG							
Street Address:	51368							
City:	Leverkusen							
State/Country:	GERMANY							
PROPERTY NUMBERS Total: 1								
Property Type		Number						
Application Number: 12768		846						
CORRESPONDENCE DATA								
Fax Number: (412)777-3902								
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.								
Phone: 412-777-3866								
Email: veronica.thompson@bayer.com Correspondent Name: Bayer MaterialScience LLC								
Address Line 1: 100 Bayer Road								
Address Line 4: Pittsburgh, PENNSYLVANIA 15205-9741								
ATTORNEY DOCKET NUMBER:		BMS103010US02						
NAME OF SUBMITTER:		Veronica Thompson						
Total Attachments: 2 source=BMS103010US02recordationsheettobmsag081511#page1.tif source=BMS103010US02assignmenttobmsag081511#page1.tif								

Form PTO-1595 (Rev. 03-11) OMB No. 0651-0027 (exp. 03/31/2012)

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RECORDATION FORM COVER SHEET PATENTS ONLY						
	e record the attached documents or the new address(es) below.					
1. Name of conveying party(ies) Artificial Muscle, Inc.	2. Name and address of receiving party(les) Name: Bayer MaterialScience AG					
	Internal Address:					
Additional name(s) of conveying party(ies) attached? Yes X No 3. Nature of conveyance/Execution Date(s):	Street Address: <u>513568</u>					
Execution Date(s)08/08/2011 X Assignment Security Agreement	City: Leverkusen					
Joint Research Agreement	State:					
Government Interest Assignment Executive Order 9424, Confirmatory License	Country: Germany Zip:					
Other	Additional name(s) & address(es) attached? Yes X No					
4. Application or patent number(s): This A. Patent Application No.(s) 12/768,846 Filed: April 28, 2010 Attorney Docket No. BMS103010US02	document is being filed together with a new application. B. Patent No.(s)					
Additional numbers at	ached? Yes XNo					
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:l					
Name: Bayer MaterialScience LLC	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00					
Internal Address:	X Authorized to be charged to deposit account					
Street Address: 100 Bayer Road	Enclosed None required (government interest not affecting title)					
City: Pittsburgh	8. Payment Information					
State: PA Zip: 15205-9741						
Phone Number: (412) 777-3866	Deposit Account Number 13-3848					
Fax Number: (412) 777-3902						
Email Address: veronica.thompson@bayer.com	Authorized User Name					
9. Signature: <u>////////////////////////////////////</u>	August 15, 2011 Date					
Veronica Thompson Name of Person Signing	Total number of pages including cover 2					
Documents to be recorded (including cover shee	t) should be faxed to (571) 273-0140, or mailed to:					

Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT REEL: 026748 FRAME: 0534

ASSIGNMENT

Whereas, Artificial Muscle, Inc., a corporation organized and existing under the laws of Delaware and having a place of business at 749 N. Mary Avenue, Sunnyvale, CA 94085, USA, is the 100% Owner by an assignment of recorded on May 20, 2011, at Reel Number 026313, Frame Number 0684 for U.S. Serial Number 12/768,846, Filed April 28, 2010 for OPTICAL SYSTEMS EMPLOYING COMPLIANT ELECTROACTIVE MATERIALS.

Now therefore, for good and valuable consideration, receipt of which is hereby acknowledged, Artificial Muscle, Inc. by these presents does sell, transfer, convey and assign unto Bayer MaterialScience AG, a corporation of Germany, located at 51368 Leverkusen, Germany, and its successors, the entire right, title and interest in and to said Intellectual Property and in and to any applications filed in any form or embodiment thereof, including any applications filed in any foreign country based thereon, including the right to file said foreign applications under the provisions of the International Convention, and also including any continuation, divisional, reissue and re-examination applications based thereon; and also the entire right and interest in and to any and all patents, reissues or extensions thereof to be obtained.

Signed at Sunnyvale, California, USA this	7	day_of	Aquit	, 2011.
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By-T	Nink Sci	<u>V</u>		

By: Dirk-Schapeler Title: CEO ARTIFICIAL MUSCLE, INC.

/vjt/BMS103010US02assignmenttobmsag

RECORDED: 08/15/2011