## 503812598 05/04/2016 PATENT ASSIGNMENT COVER SHEET

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	SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT			
CONVEYING PARTY DA	<b>ATA</b>				
		Name		Execution Date	
DENNIS R. SMALLEY				09/08/2003	
ECEIVING PARTY DA	TA				
Name: MICROFABRICA INC.					
Street Address:	7911 HAS	KELL AVENUE			
City:	VAN NUYS	6			
State/Country:	CALIFORM	NIA			
Postal Code:	91406				
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		8)997-3659			
Correspondence will be	e sent to th	e e-mail address first; if that is	unsuccess	ful it will be cont	
	noviueu, n	that is unsuccessful, it will be	e sent via US		
<i>using a fax number, if p</i> Phone:	818	37863322X105	e sent via US		
<i>using a fax number, if p</i> Phone: Email:	818 dsr	37863322X105 nalley@microfabrica.com	e sent via US		
<i>using a fax number, if p</i> Phone: Email: Correspondent Name:	818 dsr DE	37863322X105 nalley@microfabrica.com NNIS R. SMALLEY	e sent via US		
<i>using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1:	818 dsr DE 791	37863322X105 nalley@microfabrica.com NNIS R. SMALLEY I1 HASKELL AVENUE	e sent via US		
<i>using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 4:	818 dsr DE 791 VA	37863322X105 nalley@microfabrica.com NNIS R. SMALLEY I1 HASKELL AVENUE N NUYS, CALIFORNIA 91406	e sent via US		
<i>using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 4:	818 dsr DE 791 VA	37863322X105 nalley@microfabrica.com NNIS R. SMALLEY I1 HASKELL AVENUE N NUYS, CALIFORNIA 91406 P-US068-E-MF	e sent via US		
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using a fax number, if p Phone: Email: Correspondent Name: Address Line 1:	818 dsr DE 791 VA	37863322X105 nalley@microfabrica.com NNIS R. SMALLEY I1 HASKELL AVENUE N NUYS, CALIFORNIA 91406 P-US068-E-MF	e sent via US		

## ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we

Dennis R. Smalley	23524 Maple St., Newhall, CA 91321
Domina R. Smalley	25524 Maple St., Newhall, CA 91521

hereby sell, assign and transfer to Microfabrica Inc. having a place of business at 1103 W. Isabel Street, Burbank, California 91506, its successors, and assigns, the entire right, title, and interest throughout the world to the inventions that we have contributed to individually or jointly (whether or not claimed) as set forth in the following patents and/or patent applications

Country	Patent or App. No.	Issue Date or Filing Date	Title
	App. No. 10/434,519	Filed May 7, 2003	Methods of and Apparatus for Electrochemically Fabricating Structures Via Interlaced Layers or Via Selective Etching and Filling of Voids
	App. No. PCT/US03/14860	Filed May 7, 2003	Methods of and Apparatus for Electrochemically Fabricating Structures Via Interlaced Layers or Via Selective Etching and Filling of Voids

and for all other patent applications and patents of every country for said inventions (whether or not yet filed), including divisions, reissues, continuations, and extensions thereof, and all rights of priority resulting from the filing of said applications; we authorize the above-named assignee to apply for other patents in the United States and/or foreign countries for said inventions, and to claim all rights of priority without further authorization from us; we agree to execute all papers useful in connection with these patent applications and/or patents, and generally to do everything possible to aid said assignee, their successors, assigns, and nominees, at their request and expense, in obtaining and enforcing patents for said inventions in all countries; and we request that the United States Patent and Trademark Office and all other patent granting authorities to issue all patents granted for said inventions to the above-named assignee, its successors, and assigns.

## **First** assignor

Executed this <b></b> day of	SEPTEMBER 2003
	Do RX
	(Signature)
	Dennis R. Smalley
State of California )	Name (Typed or Printed)
County of <u>los Argeles</u> )	SS.

before me, <u>Elizabeth Oustalet</u> personally

appeared <u>Dennis R. Smalley</u> personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official SIGNATURE OF NOTARY

Page 1 of 1

PATENT REEL: 038461 FRAME: 0946

**RECORDED: 05/04/2016**