PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RICHARD T. CHEN	04/14/2005
EZEKIEL J. J. KRUGLICK	03/10/2005
CHRISTOPHER A. BANG	04/22/2005
DENNIS R. SMALLEY	04/04/2005
PAVEL B. LEMBRIKOV	04/22/2005

RECEIVING PARTY DATA

Name:	MICROFABRICA INC.
Street Address:	7911 HASKELL AVENUE
City:	VAN NUYS
State/Country:	CALIFORNIA
Postal Code:	91406

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16373500

CORRESPONDENCE DATA

Fax Number: (818)997-3659

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.

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Correspondent Name: DENNIS R. SMALLEY
Address Line 1: 7911 HASKELL AVENUE

Address Line 4: VAN NUYS, CALIFORNIA 91406

ATTORNEY DOCKET NUMBER:	P-US140-T-MF	
NAME OF SUBMITTER:	DENNIS R. SMALLEY	
SIGNATURE:	/Dennis R. Smalley/	
DATE SIGNED:	04/04/2019	

Total Attachments: 4

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PATENT REEL: 048798 FRAME: 0845

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> PATENT REEL: 048798 FRAME: 0846

ASSIGNMENT

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

Richard T. Chen	9432 Via Salerno, Burbank, CA 91504
Ezekiel J. J. Kruglick	7999 Westbury Avenue, San Diego, CA 92126
Christopher A. Bang	8540 Longwood Street, San Diego, CA 92126
Dennis R. Smalley	23524 Maple Street, Newhall, CA 91321
Pavel B. Lembrikov	707 Grant Street, #15, Santa Monica, CA 90405

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
US	App. No. 11/028,960	Filed January 3, 2005	Cantilever Microprobes For Contacting Electronic Components and Methods for Making Such Probes
WO	App. No. PCT/US05/00088	Filed January 3, 2005	Pin-Type Probes for Contacting Electronic Circuits and Methods for Making Such Probes

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	ч	. `0		
Executed this	day of	april	, 2005.	
		Duchi	To The	
	•		(Signature)	
		F	Richard T. Chen	
			e (Typed or Printed)	**************************************
State of <u>Californi</u>	9)			
State of <u>Coliforni</u> County of <u>Los Angel</u>				
On 4/14/05 appeared <u>Richard</u> basis of satisfactory evidinstrument and acknowled and that by his signature the person acted, executive.	lence to be the per edged to me that h on the instrument	son whose name e executed the sa the person, or th	is subscribed to the warms in his authorized of	vithin capacity.
ELIZABETH Commission Notary Public Los Angele My Comm. Expire	OUSTALET # 1512446 - California	- Frai	nd and official seal. Full Musting ATURE OF NOTARY	
Second Assignor	. /-			
Executed this $\frac{10}{100}$	day of/	March /b - M	7/1 (/ d/)	_
	-		(Signature)	
		ř Fz	ekiel J. J. Kruglick	
	•		e (Typed or Printed)	***************************************
State of California County of San Dreg On March I appeared Ezekield. basis of satisfactory evide instrument and acknowled and that by his signature the person acted, execution in the county of the c	ence to be the per edged to me that h on the instrument	son whose name e executed the sa the person, or th	is subscribed to the warme in his authorized o	vithin capacity.
Notary Public San Dieg	CARDOZA # 1468620 - California \$	Chi	nd and official seal. Ludyu ATURE OF NOTARY	

Page 2 of 4

Third Assignor
Executed this $\frac{22}{}$ day of $\frac{2005}{}$.
Chil de Bon
(Signature)
,
Christopher A. Bang Name (Typed or Printed)
rearro (Typod of Frinted)
State of <u>California</u>) County of <u>Los Angeles</u>) ss.
On 4/22/05 before me, Elizabeth Oustale personally appeared Christopher & Band personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within
instrument and acknowledged to me that he executed the same in his authorized capacity,
and that by his signature on the instrument the person, or the entity upon behalf of which
the person acted, executed the instrument.
ELIZABETH OUSTALET WITNESS my hand and official seal.
Commission # 1512446 Subtil Gustabe
Los Angeles County SIGNATURE OF NOTARY
My Comm. Expires Sep 11, 2008
Fourth Assignor
Executed this 4771 day of APRIC , 2005.
J-12 X
(Signature)
Name (Typed or Printed)
State of <u>Californi</u> (1)
County of Los Angeles) ss.
On 4/4/05 before me, Elizabeth Oustalet personally appeared Dennis R. Smalley personally known to me or proved to me on the
appeared <u>Vennis K. Smalley</u> personally known to me or proved to me on the
basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity,
and that by his signature on the instrument the person, or the entity upon behalf of which
the person acted, executed the instrument.
WITNESS my hand and official seal.
ELIZABETH OUSTALET Commission # 1512446 Elizabeth Quantation Commission # 1512446
Notary Public - California & SIGNATURE OF NOTARY
Los Angeles County My Comm. Expires Sep 11, 2008

Fifth Assignor	0 01
Executed this 2200 day of/	4pri/
	- Angles
	(Signature)
	Pavel B. Lembrikov
	Name (Typed or Printed)
instrument and acknowledged to me that h	e me, <u>Elizabeth Oustalet</u> personally ersonally known to me or proved to me on the rson whose name is subscribed to the within he executed the same in his authorized capacity, the person, or the entity upon behalf of which.
	WITNESS my hand and official seal.
ELIZABETH OUSTALET Commission # 1512446 Notary Public - California Los Angeles County My Comm. Expires Sep 11, 2006	SIGNATURE OF NOTARY