#### 502017297 08/07/2012

### PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
David Eric Schwartz	08/03/2012
Matthew D. Eisaman	08/03/2012
Sourobh Raychaudhuri	08/03/2012
Philipp H. Schmaelzle	08/03/2012
Robert A. Street	08/03/2012
Sean Garner	08/03/2012
Baomin Xu	08/07/2012
Jiye Lee	08/06/2012

#### **RECEIVING PARTY DATA**

Name:	Palo Alto Research Center Incorporated
Street Address:	3333 Coyote Hill Road
City:	Palo Alto
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### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13569153

### **CORRESPONDENCE DATA**

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REEL: 028744 FRAME: 0049

**PATENT** 

ATTORNEY DOCKET NUMBER:	20110171-US-NP (XCP-164)
NAME OF SUBMITTER:	Patrick T. Bever
Total Attachments: 8 source=XCP-164-ExecutedAssignment#pag source=XCP-164-ExecutedAssignment#pag source=XCP-164-ExecutedAssignment#pag source=XCP-164-ExecutedAssignment#pag source=XCP-164-ExecutedAssignment#pag source=XCP-164-ExecutedAssignment#pag source=XCP-164-ExecutedAssignment#pag source=XCP-164-ExecutedAssignment#pag source=XCP-164-ExecutedAssignment#pag	ge2.tif ge3.tif ge4.tif ge5.tif ge6.tif ge7.tif

The undersigned is/are the named inventor(s) (the entitled "MECHANICAL METHOD FOR PRODUC! "Application") for inventions disclosed or claimed the	NG MICRO- OR NANO-SCALE TEXTURES" (the
<ul> <li>☑ is being executed concurrently herewith</li> <li>☐ was first executed on</li> <li>☐ was filed on as Applicati</li> <li>☐ claims the benefit of U.S. Provisional Application</li> </ul>	on Number
Palo Alto Research Center Incorporated, a Delawa assigns, and its legal representatives ("PARC"), Invention(s), and the full cooperation of the Inventor	are Corporation, on behalf of itself, its successors and is entitled to all rights in the Application and the r(s).
assign(s), and transfer(s) to PARC the entire and the Invention(s), in and for the United States, if applications, patents, design registrations and public	hereby acknowledged, the Inventor(s) hereby sell(s), exclusive right, title and interest in the Application and its territories, and all foreign countries, including all ications obtained or derived therefrom, world wide, and tions and treaties, and any provisional applications for
<ul> <li>(2) agree that PARC may apply for and receive all</li> <li>(3) agree to execute all papers and take all ac requested by PARC; and</li> </ul>	ssue all U.S. Letters Patent granted thereon to PARC; foreign Letters Patent thereon; tions necessary or desirable in connection therewith pplication Number on this Assignment, if not already
David Eric Schwartz	8/3/12 DATE
Matthew D. Eisaman	DATE
Sourobh Raychaudhuri	DATE
Philipp H. Schmaelzle	DATE

The undersigned is/are the named inventor(s) (the "Inventor(s)") on a United States patent application entitled "MECHANICAL METHOD FOR PRODUCING MICRO- OR NANO-SCALE TEXTURES" (the "Application") for inventions disclosed or claimed therein (the "Invention(s)"), which Application: is being executed concurrently herewith, □ was first executed on as Application Number was filed on \_\_\_\_\_ claims the benefit of U.S. Provisional Application(s) No(s). filed Palo Alto Research Center Incorporated, a Delaware Corporation, on behalf of itself, its successors and assigns, and its legal representatives ("PARC"), is entitled to all rights in the Application and the Invention(s), and the full cooperation of the Inventor(s). For valuable consideration, the receipt of which is hereby acknowledged, the Inventor(s) hereby sell(s), assign(s), and transfer(s) to PARC the entire and exclusive right, title and interest in the Application and the Invention(s), in and for the United States, its territories, and all foreign countries, including all applications, patents, design registrations and publications obtained or derived therefrom, world wide, and all priority rights under all present or future conventions and treaties, and any provisional applications for which priority is claimed in the Application; and request the U.S. Commissioner of Patents to issue all U.S. Letters Patent granted thereon to PARC; agree that PARC may apply for and receive all foreign Letters Patent thereon; agree to execute all papers and take all actions necessary or desirable in connection therewith requested by PARC; and authorize PARC to subsequently enter the Application Number on this Assignment, if not already entered above. DATE **David Eric Schwartz** Matthew D. Eisaman

DATE

DATE

Sourobh Raychaudhuri

Philipp H. Schmaelzle

**PATENT** 

REEL: 028744 FRAME: 0052

entitled "MECHANICAL METHOD FOR PRODUCIN"  "Application") for inventions disclosed or claimed the	NG MICRO- OR NANO-SCALE TEXTURES" (the
□ is being executed concurrently herewith,     □ was first executed on     □ was filed on as Applicatio     □ claims the benefit of U.S. Provisional App	on Number
Palo Alto Research Center Incorporated, a Delawa assigns, and its legal representatives ("PARC"), Invention(s), and the full cooperation of the Inventor(	re Corporation, on behalf of itself, its successors and is entitled to all rights in the Application and the (s).
the Invention(s), in and for the United States, its applications, patents, design registrations and public all priority rights under all present or future convention which priority is claimed in the Application; and  (1) request the U.S. Commissioner of Patents to issue (2) agree that PARC may apply for and receive all for agree to execute all papers and take all activated by PARC; and	hereby acknowledged, the Inventor(s) hereby sell(s), exclusive right, title and interest in the Application and s territories, and all foreign countries, including all cations obtained or derived therefrom, world wide, and ions and treaties, and any provisional applications for sue all U.S. Letters Patent granted thereon to PARC; foreign Letters Patent thereon; ions necessary or desirable in connection therewith application Number on this Assignment, if not already
David Eric Schwartz	DATE
Matthew D. Eisaman	DATE
	AUG 3 2012
Sourobh Raychaudhuri	DATE
Philipp H. Schmaelzle	DATE

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Palo Alto Research Center Incorporated, a Delawar assigns, and its legal representatives ("PARC"), Invention(s), and the full cooperation of the Inventor(s	e Corporation, on behalf of itself, its successors and is entitled to all rights in the Application and the s).
assign(s), and transfer(s) to PARC the entire and extending the Invention(s), in and for the United States, its applications, patents, design registrations and publications.	nereby acknowledged, the Inventor(s) hereby sell(s), clusive right, title and interest in the Application and territories, and all foreign countries, including all ations obtained or derived therefrom, world wide, and ons and treaties, and any provisional applications for
<ol> <li>agree that PARC may apply for and receive all for (3) agree to execute all papers and take all action requested by PARC; and</li> </ol>	sue all U.S. Letters Patent granted thereon to PARC; preign Letters Patent thereon; ons necessary or desirable in connection therewith olication Number on this Assignment, if not already
David Eric Schwartz	DATE
Matthew D. Eisaman	DATE
Sourobh Raychaudhuri	DATE
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# Attorney File No. 20110171-US-NP (XCP-164)

Robert Shew	8[3/2012
Robert A. Street	DATE
Sean Garner	DATE
Baomin Xu	DATE
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# Attorney File No. 20110171-US-NP (XCP-164)

Robert A. Street	DATE
Sean Garner	8/3/2012 DATE
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Baomin Xu	DATE
Jiye Lee	DATE

Robert A. Street	DATE
Sean Garner	DATE
Baomin Xu	DATE
grye	08/06/2012

DATE

Attorney File No. 20110171-US-NP (XCP-164)

PATENT REEL: 028744 FRAME: 0058

**RECORDED: 08/07/2012** 

Jiye Lee