### 505164737 10/29/2018

## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

#### **CONVEYING PARTY DATA**

Name	Execution Date
KURT W KOLASINSKI	12/11/2017
DR. JARNO SALONEN	12/11/2017
ERMEI MAKILA	12/11/2017

#### **RECEIVING PARTY DATA**

Name:	WEST CHESTER UNIVERSITY
Street Address:	700 S HIGH STREET
City:	WEST CHESTER
State/Country:	PENNSYLVANIA
Postal Code:	19383

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number	
Application Number:	16173800	

#### **CORRESPONDENCE DATA**

Fax Number:

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.

**Phone:** 610-640-5800

**Email:** smertens@stradley.com

Correspondent Name: STRADLEY RONON STEVENS & YOUNG, LLP

Address Line 1: 30 VALLEY STREAM PARKWAY

Address Line 2: GREAT VALLEY CORPORATE CENTER
Address Line 4: MALVERN, PENNSYLVANIA 19355-1481

ATTORNEY DOCKET NUMBER: 111235-3016

NAME OF SUBMITTER: KEVIN R. CASEY

SIGNATURE: /kevin r. casey/

DATE SIGNED: 10/29/2018

**Total Attachments: 2** 

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PATENT 505164737 REEL: 047343 FRAME: 0686

ASSIGNMENT - Patent Application		Docket Number: <u>111235-3011</u>		
Whereas, the Assignor, comprising the following named inventors:				
ASSIGNOR(s) INVENTOR(s)	1.	Kurt W. Kolasinski	2.	Dr. Jarno Salonen
	3.	Ermei Mäkilä	4.	
	5.		6.	
made an invention	n entitled:	Regenerative Electroless Etching	1	
for which an application for Letters Patent of the United States: (Select one of the following):				
is executed concurrently herewith was filed in the U.S. Patent and Trademark Office on 12/06/2017, as U.S. Patent Application Serial No.: 62/595,116				
ASSIGNEE (Full Name and A	ddress)	West Chester University 700 S High Street West Chester, PA 19383		

is desirous of acquiring the entire interest in and to said Invention and the Letters Patent to be obtained therefor,

Now, therefore, in consideration of the payment by Assignee to Assignor of a sum corresponding to One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged, Assignor, intending to be legally bound, hereby sells, assigns and transfers to Assignee, its successors and assigns the full and exclusive right, title and interest in and to said invention, all applications for Letters Patent for said invention, including all divisions, continuations, and continuations-in-part thereof, all rights to claim priority based thereon, and all Letters Patent, including reissues, to be obtained therefor, including any and all foreign patent rights in this invention corresponding thereto.

Assignor hereby warrants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

Assignor agrees it shall be legally bound, upon request of the Assignee or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the Assignor has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the Assignee, and to execute all instruments proper to carry out the intent of this instrument.

If the invention requires a biological deposit, Assignor also grants to Assignee such control over any deposit made by Assignor as may be necessary to the validity of the patent rights assigned herein.

PATENT REEL: 047343 FRAME: 0687

# **ASSIGNMENT** - Patent Application

Docket Number: 111235-3011

Assignor authorizes Assignor's attorney to insert at the end hereof, the serial number and filing date of the aforesaid application for United States Letters Patent and/or the Attorney Docket or file designation for this application if not identified above.

If the Assignor includes more than one Individual, these obligations shall apply to these individuals both individually and collectively.

In witness whereof, this Assignment is executed on the day indicated below.

	Typed or Printed	Name	Signature	~~	Date
SIGNATURE	1. Kurt W. Kolasir	Sh			12/11/2017
	2. Dr. Jarno Saloi	nen	ness to #ssignor #1		12/11/2017
	3. Ermei Mäkilä	<u>C</u>	thess to Assignor #2		12/11/2017
	4.		tnéss to Assignor #3		
	5.	* Wi	tness to Assignor #4		
	6.	* Wi	tness to Assignor #5		
		* Wi	tness to Assignor #6		

Application for United States Letters Patent: Regenerative Electroless Etching

Application No.: 62/595,116

Filed: 12/06/2017

Attorney Docket Number: 111235-3011

Total Number of Assignment Pages 2

\* Witness signature recommended, mandatory for some countries

PATENT REEL: 047343 FRAME: 0688

**RECORDED: 10/29/2018**