

<b>PATENT ASSIGNMENT COVER SHEET</b>
--------------------------------------

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3400581

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
OVADIA ABED	06/08/2015
VALERIE KAYE GINSBERG	06/05/2015
JAMES P. NOVAK	06/16/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	PEN INC.
<b>Street Address:</b>	431 FAIRWAY DRIVE, SUITE 200
<b>City:</b>	DEERFIELD BEACH
<b>State/Country:</b>	FLORIDA
<b>Postal Code:</b>	33441
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14413294
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(512)681-3733
<i>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.</i>	
<b>Phone:</b>	5126813707
<b>Email:</b>	claney@mathesonkeys.com
<b>Correspondent Name:</b>	KELLY KORDZIK
<b>Address Line 1:</b>	7004 BEE CAVE RD, BLDG. 1, SUITE 110
<b>Address Line 4:</b>	AUSTIN, TEXAS 78746
<b>ATTORNEY DOCKET NUMBER:</b>	21545-269US1
<b>NAME OF SUBMITTER:</b>	KELLY KORDZIK
<b>SIGNATURE:</b>	/Kelly Kordzik/
<b>DATE SIGNED:</b>	06/17/2015
<b>Total Attachments: 3</b>	
source=21545-269US1_Assignment_SIGNED#page1.tif	
source=21545-269US1_Assignment_SIGNED#page2.tif	
source=21545-269US1_Assignment_SIGNED#page3.tif	

ASSIGNMENT

For valuable consideration, I, OVADIA ABED of 5700 Tapadera Trace Circle, Apartment 231, Austin, Texas 78727, VALERIE KAYE GINSBERG of 12422 Painted Bunting Drive, Austin, Texas 78726, and JAMES P. NOVAK of 8500 Silver Ridge Drive, Austin, Texas 78759, hereby assign to PEN Inc., a corporation of Delaware, having a place of business at 431 Fairway Drive, Suite 200, Deerfield Beach, Florida 33441, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title, and interest throughout the world in the inventions and improvements which are subject of an application entitled PHOTOSINTERING OF MICRON-SIZED COPPER PARTICLES, filed on July 9, 2013 and assigned International Application Serial No. PCT/US2013/049635, which was filed in the United States on January 7, 2015 and assigned U.S. Serial No. 14/413,294; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations, and like rights of exclusion, and for inventors' certificates for said inventions and improvements; and I agree for me and my respective heirs, legal representatives, and assigns, without further compensation, to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements, and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

DATE: 6/8/15

OVADIA ABED  
OVADIA ABED

DATE: \_\_\_\_\_

\_\_\_\_\_  
VALERIE KAYE GINSBERG

DATE: \_\_\_\_\_

\_\_\_\_\_  
JAMES P. NOVAK

ASSIGNMENT

For valuable consideration, I, OVADIA ABED of 5700 Tapadera Trace Circle, Apartment 231, Austin, Texas 78727, VALERIE KAYE GINSBERG of 12422 Painted Bunting Drive, Austin, Texas 78726, and JAMES P. NOVAK of 8500 Silver Ridge Drive, Austin, Texas 78759, hereby assign to PEN Inc., a corporation of Delaware, having a place of business at 431 Fairway Drive, Suite 200, Deerfield Beach, Florida 33441, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title, and interest throughout the world in the inventions and improvements which are subject of an application entitled PHOTOSINTERING OF MICRON-SIZED COPPER PARTICLES, filed on July 9, 2013 and assigned International Application Serial No. PCT/US2013/049635, which was filed in the United States on January 7, 2015 and assigned U.S. Serial No. 14/413,294; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations, and like rights of exclusion, and for inventors' certificates for said inventions and improvements; and I agree for me and my respective heirs, legal representatives, and assigns, without further compensation, to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements, and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

DATE: \_\_\_\_\_

\_\_\_\_\_  
OVADIA ABED

DATE: June 5, 2015

Valerie Kaye Ginsberg  
VALERIE KAYE GINSBERG

DATE: \_\_\_\_\_

\_\_\_\_\_  
JAMES P. NOVAK

ASSIGNMENT

For valuable consideration, I, OVADIA ABED of 5700 Tapadera Trace Circle, Apartment 231, Austin, Texas 78727, VALERIE KAYE GINSBERG of 12422 Painted Bunting Drive, Austin, Texas 78726, and JAMES P. NOVAK of 8500 Silver Ridge Drive, Austin, Texas 78759, hereby assign to PEN Inc., a corporation of Delaware, having a place of business at 431 Fairway Drive, Suite 200, Deerfield Beach, Florida 33441, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title, and interest throughout the world in the inventions and improvements which are subject of an application entitled PHOTOSINTERING OF MICRON-SIZED COPPER PARTICLES, filed on July 9, 2013 and assigned International Application Serial No. PCT/US2013/049635, which was filed in the United States on January 7, 2015 and assigned U.S. Serial No. 14/413,294; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations, and like rights of exclusion, and for inventors' certificates for said inventions and improvements; and I agree for me and my respective heirs, legal representatives, and assigns, without further compensation, to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements, and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

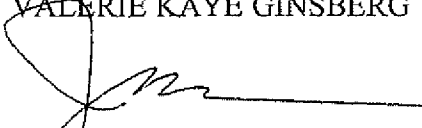
DATE: \_\_\_\_\_

\_\_\_\_\_  
OVADIA ABED

DATE: \_\_\_\_\_

\_\_\_\_\_  
VALERIE KAYE GINSBERG

DATE: 6-16-15

  
\_\_\_\_\_  
JAMES P. NOVAK