

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SONIA ESTRADE ALBIOL	11/12/2012
JOAQUIN PORTILLO SERRA	11/12/2012
FRANCISCA PEIRÓ MARTINEZ	11/12/2012
JOSÉ MANUEL REBLER CORSELLAS	11/12/2012
LLUIS YEDRA CARDONA	11/12/2012
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<b>Postal Code:</b>	08028
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13681245
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	
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<b>NAME OF SUBMITTER:</b>	JOEL B. ZAGER
<b>SIGNATURE:</b>	/Joel B. Zager/
<b>DATE SIGNED:</b>	05/17/2016
This document serves as an Oath/Declaration (37 CFR 1.63).	
<b>Total Attachments: 3</b>	
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**PATENT**

**REEL: 038626 FRAME: 0152**

## ASSIGNMENT BY INVENTOR

THIS ASSIGNMENT, made this 12<sup>th</sup> day of November, 2012, by

Sonia Estrade ALBIOL, Joaquin Portillo SERRA, <sup>FRANCISCA</sup> <sup>amendment applies</sup> <sup>13<sup>th</sup> Nov</sup> Francisca Peiró MARTINEZ,  
José Manuel Rebled CORSELLAS, and Lluís Yedra CARDONA, respectively;

WHEREAS, Assignors have jointly invented a new and useful METHOD AND SYSTEM FOR IMPROVING CHARACTERISTIC PEAK SIGNALS IN ANALYTICAL ELECTRON MICROSCOPY, set forth in a Patent Application for which a European Patent Application was filed on MARCH 19, 2012 with SERIAL NO. EP 12160112, and

WHEREAS, Universitat de Barcelona, Centro de Patentes de la UB, c/ Baldri Reixac 4, 08028 Barcelona, Spain; (hereinafter referred to as Assignee), is desirous of acquiring the joint right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, their entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and

delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

**AND** for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

**AND** Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

**AND** Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

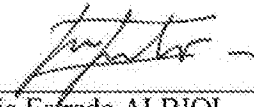
Avery N. Goldstein, Ph.D.

PATENT PROCUREMENT SERVICES

All practitioners at Customer Number 13173

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

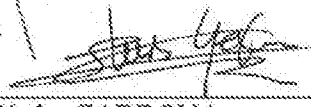
The above-identified application was made or authorized to be made by me. I believe that I am an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both.

Date: 12 November 2012 Signature:   
Sonia Estrade ALBIOL

Date: 12-Novembre-2012 Signature:   
Joaquin Portillo-SERRA

Date: 9 - Novembre - 2012 Signature:   
Francisca Peiró MARTINEZ  
FRANCISCA → Amendment applies  
13<sup>th</sup> Nov 2012

Date: 7 - Novembre - 2012 Signature:   
José Manuel Rebled CORSELLAS

Date: 12 - novembre - 2012 Signature:   
Lluís Yedra CARDONA