

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT						
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT						
<b>CONVEYING PARTY DATA</b>							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Peter Gefter Ph.D</td> <td>12/05/2007</td> </tr> <tr> <td>Scott Gehlke</td> <td>12/04/2007</td> </tr> </tbody> </table>		Name	Execution Date	Peter Gefter Ph.D	12/05/2007	Scott Gehlke	12/04/2007
Name	Execution Date						
Peter Gefter Ph.D	12/05/2007						
Scott Gehlke	12/04/2007						
<b>RECEIVING PARTY DATA</b>							
<b>Name:</b>	MKS Instruments, Inc.						
<b>Street Address:</b>	90 Industrial Way						
<b>City:</b>	Wilmington						
<b>State/Country:</b>	MASSACHUSETTS						
<b>Postal Code:</b>	01887						
<b>PROPERTY NUMBERS Total: 1</b>							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11398446</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11398446		
Property Type	Number						
Application Number:	11398446						
<b>CORRESPONDENCE DATA</b>							
<b>Fax Number:</b>	(408)716-2651						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
<b>Phone:</b>	408.244.2164x115						
<b>Email:</b>	mail@uriartelaw.com						
<b>Correspondent Name:</b>	Cal J. Eustaquio						
<b>Address Line 1:</b>	2136 The Alameda C						
<b>Address Line 4:</b>	San Jose, CALIFORNIA 95126						
<b>ATTORNEY DOCKET NUMBER:</b>	6000.003CIP						
<b>NAME OF SUBMITTER:</b>	Cal J. Eustaquio						
<b>Total Attachments: 3</b> source=6000_003CIP_Assn_20071213#page1.tif source=6000_003CIP_Assn_20071213#page2.tif source=6000_003CIP_Assn_20071213#page3.tif							

OP \$40.00 11398446

**ASSIGNMENT**

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred to as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to MKS Instruments, Inc., a Massachusetts corporation, having a place of business at 90 Industrial Way, Wilmington, MA 01887 ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the application for United States Letters Patent entitled: Multi-Frequency Static Neutralization ("APPLICATION"), which:

is to be filed herewith.

was filed on **05 April 2006**, now bearing U.S. serial number **11/398,446** and for which a Declaration was executed by INVENTOR on the date(s) below; and

2. The entire worldwide right, title, and interest in and to: (a) the APPLICATION, including any right of priority; (b) any divisional, continuation, substitute, renewal, reissue, and other related applications thereto which have been or may be filed in the United States or elsewhere in the world; and (c) any patents which may be granted on the applications set forth in (a) and (b) above.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has made or will make hereafter no assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

INVENTOR grants the attorney of record 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.

Title of Document: **ASSIGNMENT**  
 In Re Application of: **Gefter et al.**  
 Title: **Multi-Frequency Static Neutralization**  
 Filed: (if applicable) **05 April 2006**  
 Serial No.: (if applicable) **11/398,446**

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This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

<u>Inventor Signature</u>	<u>Date of Signature</u>	<u>Date Invention Declaration Signed by Inventor</u>
<i>P. Gefter</i> <u>Peter GEFTER, Ph.D.</u> Printed Name: Peter Gefter, Ph.D.	<u>12/05/07</u> _____, 2007	03 April 2006

State of CALIFORNIA

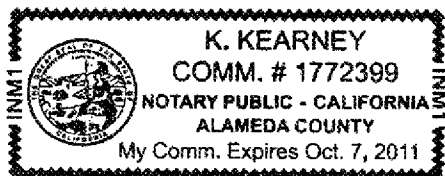
County of ALAMEDA

On \_\_\_\_\_ before me, K. KEARNEY, Public <sup>NOTARY</sup> personally appeared Peter Gefter, Ph.D. 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/she] executed the same in [his/her] authorized capacity, and that by [his/her] signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

Notary Seal

K. Kearney  
Notary

Additional co-inventors are named in the following one (1) supplemental sheet(s).



Title of Document: **ASSIGNMENT**  
 In Re Application of: **Gefter et al.**  
 Title: **Multi-Frequency Static Neutralization**  
 Filed: (if applicable) **05 April 2006**  
 Serial No.: (if applicable) **11/398,446**

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*[Handwritten Signature]*

12-4-07

Inventor Signature

Date of Signature

Date Invention Declaration Signed by Inventor

*Scott Gehlke*

12/4, 2007

04 April 2006

Printed Name: Scott Gehlke

State of CALIFORNIA

County of ALAMEDA

On 12/4/2007 before me, K. Kearney <sup>NOTARY PUBLIC</sup> personally appeared Scott Gehlke 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/~~she~~] executed the same in [his/~~her~~] authorized capacity, and that by [his/~~her~~] signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

Notary Seal

*[Handwritten Signature]*  
 Notary

