

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT4118503

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
STEVEN R. ROGERS	08/14/2014
RAINER K. KNIPPELMEYER	08/11/2014
THOMAS KEMEN	09/25/2014
STEFAN SCHUBERT	10/19/2014
NISSIM ELMALIAH	10/09/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	APPLIED MATERIALS ISRAEL, LTD.
<b>Street Address:</b>	9 OPPENHEIMER STREET
<b>City:</b>	REHOVOT
<b>State/Country:</b>	ISRAEL
<b>Postal Code:</b>	76236
<b>Name:</b>	CARL ZEISS MICROSCOPY GMBH
<b>Street Address:</b>	CARL-ZEISS-PROMENADE 10
<b>City:</b>	JENA
<b>State/Country:</b>	GERMANY
<b>Postal Code:</b>	07745
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14000213
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(973)597-6187
<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>	9735972500
<b>Email:</b>	mcampolongo@lowenstein.com
<b>Correspondent Name:</b>	PATENT DOCKET ADMINISTRATOR
<b>Address Line 1:</b>	LOWENSTEIN SANDLER LLP
<b>Address Line 2:</b>	65 LIVINGSTON AVENUE
<b>Address Line 4:</b>	ROSELAND, NEW JERSEY 07068

<b>ATTORNEY DOCKET NUMBER:</b>	08090.156 (L0043)
<b>NAME OF SUBMITTER:</b>	MICHAEL J. CAMPOLONGO
<b>SIGNATURE:</b>	/Michael J. Campolongo/
<b>DATE SIGNED:</b>	10/28/2016
<b>Total Attachments: 3</b> source=08090_156_Assignment#page1.tif source=08090_156_Assignment#page2.tif source=08090_156_Assignment#page3.tif	

## ASSIGNMENT FOR APPLICATION FOR PATENT

### WHEREAS:

#### Names and Addresses of Inventors:

- |  |  |
|--|--|
| 1) Steven R. Rogers<br>49 Moshav Beit Gamliel<br>D.N. Emek Sorek 76880<br>Israel | 2) Rainer K. Knippelmeyer<br>Glyzinenstraße 6A<br>80935 München<br>Germany |
| 3) Thomas Kernen<br>Eckenerhöhe 3<br>Aalen 73433<br>Germany                      | 4) Stefan Schubert<br>Langerstraße 11<br>Oberkochen 73447<br>Germany       |
| 5) Nissim Elmaliah<br>8/8 Duvnov Street<br>Raanana 43370<br>Israel               |  |

(hereinafter referred to as Assignors), have invented a certain invention entitled:

### FOCUSING A CHARGED PARTICLE IMAGING SYSTEM

for which application for Letters Patent in the United States was executed on even date herewith; and /or for which an application for Letters Patent in the United States has been filed on March 27, 2014, Serial No. 14/228,191; and

WHEREAS, Applied Materials Israel, Ltd., a corporation of Israel, having a place of business at 9 Oppenheimer Street, Rehovot, Israel 76236 (hereinafter referred to as Assignee), and Carl Zeiss Microscopy GmbH, a corporation of Germany, having a place of business at Carl-Zeiss-Promenade 10, 07745 Jena, Germany (hereinafter referred to as Assignee), are desirous of acquiring the entire right, title and interest in and to said application (hereinafter referred to as Application), and the invention disclosed therein (hereinafter referred to as Invention), and in and to all embodiments of the Invention, heretofore conceived, made or discovered by said Assignors, and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter referred to as Patents) thereon granted in any and all countries and groups of countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Assignors to have been received in full from said Assignees:

1. Said Assignors hereby sell, assign, transfer and convey to Assignees the full and exclusive right, title and interest (a) in and to said Application and said Invention; (b) in and to all rights to apply for patents on said Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted on said Invention in any and all countries and groups of countries, including each and

every Application filed and each and every Patent granted on any application which is a division, substitution, or continuation of said Application; and (d) in and to each and every reissue or extension of any of said Patents.

2. Said Assignors hereby covenant and agree to cooperate with said Assignee to enable said Assignees to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignees (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any application therefor and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignees.

3. The term and covenants of this agreement shall inure to the benefit of said Assignees, its successors, assigns and other legal representatives, and shall be binding upon said Assignors, their respective heirs, legal representatives and assigns.

4. Said Assignors hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignees on the dates indicated below.

14-AUG-2014  
(date)

Steven R. Rogers  
Steven R. Rogers

\_\_\_\_\_  
(date)

\_\_\_\_\_  
Rainer K. Knippelmeyer

\_\_\_\_\_  
(date)

\_\_\_\_\_  
Thomas Kemen

\_\_\_\_\_  
(date)

\_\_\_\_\_  
Stefan Schubert

10/7/2014  
(date)

Yissim Esmailiah  
Yissim Esmailiah

substitution, or continuation of said Application; and (d) in and to each and every reissue or extension of any of said Patents.

2. Said Assignors hereby covenant and agree to cooperate with said Assignee to enable said Assignees to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignees (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any application therefor and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignees.

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4. Said Assignors hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignees on the dates indicated below.

\_\_\_\_\_  
(date)


Aug 11, 2014  
(date)

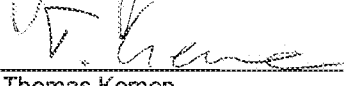
Sep 25, 2014  
(date)

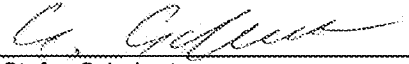
Oct. 14, 2014  
(date)

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(date)

\_\_\_\_\_  
Steven R. Rogers

  
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Rainer K. Knippelmeyer

  
\_\_\_\_\_  
Thomas Kernen

  
\_\_\_\_\_  
Stefan Schubert

\_\_\_\_\_  
Nissim Elmaliah