

## 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>
MARTIN RAYMOND GREEN	10/16/2013
DAVID J. LANGRIDGE	10/15/2013
JASON LEE WILDGOOSE	10/22/2013
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MICROMASS UK LIMITED
<b>Street Address:</b>	STAMFORD AVE
<b>Internal Address:</b>	ALTRINCHAM ROAD
<b>City:</b>	WILMSLOW
<b>State/Country:</b>	UNITED KINGDOM
<b>Postal Code:</b>	SK9 4AX
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15230980
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(703)583-8301
<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>	703-583-8300
<b>Email:</b>	MAIL@DWPATENTLAW.COM
<b>Correspondent Name:</b>	DIEDERIKS & WHITELAW, PLC
<b>Address Line 1:</b>	13885 HEDGEWOOD DR
<b>Address Line 2:</b>	SUITE 317
<b>Address Line 4:</b>	WOODBIDGE, VIRGINIA 22193
<b>ATTORNEY DOCKET NUMBER:</b>	DEH217US-C3
<b>NAME OF SUBMITTER:</b>	NICHOLAS S. WHITELAW
<b>SIGNATURE:</b>	/Nicholas S. Whitelaw/
<b>DATE SIGNED:</b>	11/22/2016
<b>Total Attachments: 2</b>	
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### ASSIGNMENT

WHEREAS, Martin Raymond Green, David J. Langridge and Jason Lee Wildgoose  
whose post office address(es) appear(s) below, hereinafter referred to as ASSIGNOR, (is (are) the owner of certain new  
and useful improvements in Ion Guide With Orthogonal Sampling  
(hereinafter referred to as the INVENTION) for which an application for United States Letters Patent was  
☐ executed on even date herewith  
☐ executed on:  
☒ filed on: September 11, 2013 Serial No. 14/004,529  
☐ established by PCT International Patent Application No.: Filed:

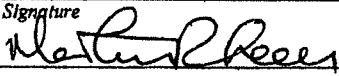


WHEREAS, Micromass UK Limited  
Whose post office address is Floats Road, Wythenshawe, Manchester, GB M23 9LZ  
Hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the same in the  
United States and throughout the world;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I (we),  
ASSIGNOR, do sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said  
INVENTION and application throughout the United States of America, including any and all United States Letters  
Patent granted on any division, continuation, continuation-in-part and reissue of said application; and the entire right,  
title and interest in and to the said INVENTION throughout the world, including the right to apply for patents and  
inventor certificates in respect thereof and to claim priority pursuant to rights accorded ASSIGNOR under the terms of  
the Paris International Convention and all other available international conventions and treaties; and the entire right,  
title and interest in and to any and all patents, patents of addition, utility models, patents of importation, revalidation  
patents and inventor certificates which may be granted throughout the world in respect of said INVENTION.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with  
the filing, prosecution and maintenance of said application or any other patent application(s) or inventor certificate(s) in  
the United States and in foreign countries for said INVENTION, including additional documents that may be required  
to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also  
agrees, without further consideration and at ASSIGNEE'S expense, to identify and communicate to ASSIGNEE at  
ASSIGNEE'S request documents and information concerning the INVENTION that are within ASSIGNOR'S possession  
or control and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of  
ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed  
within the terms of this instrument. ASSIGNOR'S obligations under this instrument shall extend to ASSIGNOR'S heirs,  
executors, administrators and other legal representatives.

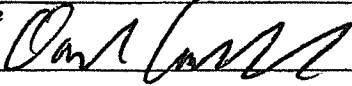
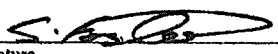
ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and  
all United States Letters Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in  
and to the same, for ASSIGNEE'S sole use and behoof; and for the use and behoof of ASSIGNEE'S legal representatives  
and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the  
same would have been held by ASSIGNOR had this agreement and sale not been made.

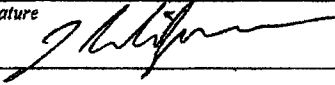
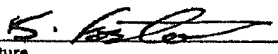
ASSIGNOR authorizes any member of DIEDERIKS & WHITELAW, PLC to insert or complete any  
information in this document needed to effect its recordal in the U.S. Patent and Trademark Office.

Assignor Name Martin Raymond Green	Address Grangecroft 26 Grange Road Bowdon, Cheshire, GB WA14 3EE
Where Signed MANCHESTER UK	
Date 16 <sup>th</sup> OCT 2013	Signature 
Witnesses: 	 16/10/2013
Signature	Printed Name & Date
Signature	Printed Name & Date

☒ See following page(s) for additional joint assignees

UTILITY -WORLD-NOTARIZATION  
Atty Docket: DEH217US

Assignor Name David J. Langridge	Address 2E Mauldeth Close Stockport, GB SK4 3NP
Where Signed MANCHESTER, UK	
Date 15-OCT-2013	Signature 
Witnesses:	
Signature 	Signature Steven Foster 15/10/2013
Signature	Printed Name & Date
Signature	Printed Name & Date

Assignor Name Jason Lee Wildgoose	Address 110 Barcroft Road Heaton Mersey Stockport, GB SK4 3PJ
Where Signed MANCHESTER, UK	
Date 22-OCT-2013	Signature 
Witnesses:	
Signature 	Signature Steven Foster 22/10/2013
Signature	Printed Name & Date
Signature	Printed Name & Date

Assignor Name	Address
Where Signed	
Date	Signature
Witnesses:	
Signature	Printed Name & Date
Signature	Printed Name & Date

☐ See following page(s) for additional joint assignees