

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
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PAUL MURRAY	01/18/2017
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Property Type	Number
Application Number:	15267677
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DATE SIGNED:	02/08/2018
Total Attachments: 2	
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ASSIGNMENT

WHEREAS, I (we), **Mark Towers and Paul Murray** 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 Source Alignment** (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: 16 September 2016 and assigned Serial No. 15/267,677
- established by PCT International Patent Application No: _____ Filed: _____

WHEREAS, **Micromass UK Limited**

Whose post office address is **Stamford Avenue, Altrincham Road, Wilmslow, Cheshire SK9 4AX, United Kingdom** 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.

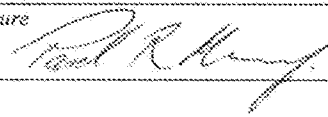
ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) or inventor certificate(s) in the United States and in foreign countries for said INVENTION, including additional 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.

<i>Assignor Name</i> <p style="text-align: center;">Mark TOWERS</p>	<i>Address</i> <p style="text-align: center;">14 Mallard Crescent Poynton Stockport, Cheshire GB SK12 1HT</p>
<i>Where Signed</i> <p style="text-align: center;">Wilmslow</p>	
<i>Date</i> <p style="text-align: center;">24th Jan 2017</p>	<i>Signature</i>
<i>Witnesses:</i>	
 <hr/> <i>Signature</i>	 <hr/> <i>Printed Name & Date</i> <p style="text-align: center;">Steven Foster 26 Jan 2017</p>
<hr/> <i>Signature</i>	<hr/> <i>Printed Name & Date</i>

See following page(s) for additional joint assignors

<i>Assignor Name</i> Paul MURRAY	<i>Address</i> 76 Tamworth Avenue Whitefield Manchester GB M45 6UA
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<i>Date</i> 16 th JANUARY 2017	<i>Signature</i> 
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Signature	Printed Name & Date

<i>Assignor Name</i>	<i>Address</i>
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Signature	Printed Name & Date

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