PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3804929

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ANTHONY GILBERT	12/10/2015
RICHARD MOULDS	11/26/2015

RECEIVING PARTY DATA

Name:	MICROMASS UK LIMITED	
Street Address:	STAMFORD AVENUE	
Internal Address:	ALTRINCHAM ROAD	
City:	WILMSLOW	
State/Country:	UNITED KINGDOM	
Postal Code:	SK9 4AX	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14128971

CORRESPONDENCE DATA

Fax Number:

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.

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Correspondent Name: DIEDERIKS & WHITELAW, PLC Address Line 1: 13885 HEDGEWOOD DRIVE

Address Line 2: SUITE 317

Address Line 4: WOODBRIDGE, VIRGINIA 22193

ATTORNEY DOCKET NUMBER:	DEH235US	
NAME OF SUBMITTER:	NICHOLAS S. WHITELAW	
SIGNATURE:	/Nicholas S. Whitelaw/	
DATE SIGNED:	03/29/2016	

Total Attachments: 2

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PATENT 503758283 REEL: 038124 FRAME: 0326

UTILITY-WORLD Atty Docket: DEH235US

ASSIGNMENT	
WHEREAS, Anthony Gilbert	
whose post office address(es) appear(s) below, hereinafter referred to as A	ASSIGNOR, (is (are) the owner of certain new
and useful improvements in Method and Apparatus for Generating Spe-	
(hereinafter referred to as the INVENTION) for which an application for I	
executed on even date herewith	
cxccuted on:	
☐ executed on:☑ filed on: December 23, 2013☐ Serial No. 14/128,971	
established by PCT International Patent Application No.:	Filed:
WHEREAS, Micromass UK Limited	
Whose post office address is Stamford Avenue, Altrincham Road, Wilmsl	ow, GB SK9 4AX
Hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire ri	ght, title and interest in and to the same in the
United States and throughout the world;	

NOW, THEREPORE, 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, mainlenance 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.

Assignar Name Anthony Gilbert Where Signed WHAL DY BRIDGE	Address 12 Hockerley New Road Whaley Bridge, High Peak, SK23 7GA, United Kingdom
Date 10 DEC 2015	Signature /////
P. Mun.	Printed Name & Date
Signature	Printed Name & Date

See following page(s) for additional joint assignees

PATENT REEL: 038124 FRAME: 0327

UTILITY -WORLD-NOTARIZATION Atty Docket: DEH235US

Assignor Name Richard Moulds	Address 41 Beverley Road
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Date 26 - NOS-2015	Signature Wilmston UK
Witnesses: Signature	Steven Factor 26/11/2014
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Signature	Printed Name & Date
Assignor Name	Address
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Witnesses:	
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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 ac	Iditional house accument

PATENT REEL: 038124 FRAME: 0328

RECORDED: 03/29/2016