503870554 06/14/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DANIEL JAMES KENNY	05/17/2016
MARTIN RAYMOND GREEN	05/17/2016

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:	15076053

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.

Email: mail@dwpatentlaw.com

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:	DEH317	
NAME OF SUBMITTER:	NICHOLAS S. WHITELAW	
SIGNATURE:	/Nicholas S. Whitelaw/	
DATE SIGNED:	06/14/2016	

Total Attachments: 2

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> REEL: 038910 FRAME: 0247 503870554

PATENT

UTILITY -WORLD Atty Docket: DEH317

ASSIGNMENT

	WHEREAS, Daniel James Ker	nny and Martin Raymond Green	
whose	post office address(es) appear(s) l	below, hereinafter referred to as ASS	GNOR, (is (are) the owner of certain new
and use	eful improvements in Pre-Filter F	ragmentation	
(herein	after referred to as the INVENTIC	DN) for which an application for Uni	ted States Letters Patent was
1 1	executed on even date herewith	h ·	
	executed on:		
\boxtimes	filed on: March 21, 2016	Serial No. 15/076,053	
	established by PCT Internation	al Patent Application No.:	Filed:
	WHEREAS Micromass IIK 1	mitad	

Whose post office address is Stamford Avenue, Altrincham Road, Wilmslow, UK SK94AX
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	Address
Daniel James Kenny	Grove Farm House
Where Signed	Westfield Drive
WILMSKOW, UK	Knutsford, GB WA16 0BL
Date	Signature
17 MAY 16	D. Kerry
Witnesses:	
Signature	Printed Name & Date
Signature	Printed Name & Date

See following page(s) for additional joint assignees

PATENT REEL: 038910 FRAME: 0248

UTILITY -WORLD-NOTARIZATION Atty Docket: DEH317

Assignor Name		
Martin Raymond Green	Address	
	Grangecroft	
Where Signed	26 Grange Road	
	Bowdon, Cheshire, GB WA14 3EE	
WILMSZOW		
Date	Signature ()	
17 MAY 2016	Mitung Keey	
Witnesses	Steven Fester 17/5/2016	
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Assignor Name	Address	
Where Signed		
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See following page(s) for additional joint assignees		

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RECORDED: 06/14/2016