503760680 03/30/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOSE M. CASTRO-PEREZ	12/17/2007
ALAN MILLER	01/10/2008
ROBERT S. PLUMB	12/18/2007

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:	14492216

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	DEH207US-C1
NAME OF SUBMITTER:	NICHOLAS S. WHITELAW
SIGNATURE:	/Nicholas S. Whitelaw/
DATE SIGNED:	03/30/2016

Total Attachments: 3

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PATENT 503760680 REEL: 038138 FRAME: 0745

ASSIGNMENT BY INVENTOR

For valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned, sell, assign and transfer to Micromass UK Limited, a United Kingdom corporation having a principal place of business at Atlas Park, Simonsway, Manchester, United Kingdom, M22 5PP, its successors and assigns, the entire right, title and interest for the United States of America and all foreign countries in and to any and all inventions disclosed in a patent application titled Mass Spectrometer, filed on 27 December 2006, in the United States Patent and Trademark Office and having Serial No.11/571,338, including all rights of priority under the International Convention for the Protection of Industrial Property, and in all Letters Patent of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or on said application, or any divisional, continuing, reissue or other applications based in whole or in part thereon. And, I agree, for myself and my executors and administrators, with said corporation and its successors and assigns, but at its or their expense and charges, hereafter to execute all applications, amended specifications, deed or other instrument, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and in all other countries to said corporation, with specifications and claims in such form as shall be approved by the counsel of said corporation, and to vest and confirm in said corporation, its successors and assigns, the legal title to all such patents.

I hereby grant the counsel of said corporation the power to insert on this Assignment the serial number of said patent application and any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

I do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said corporation, its successors and assigns.

Date: 12/17/07.

Jose M. Castro-Pere

Witnessed:

Signature

JOHN SHOCKCOR

Print Name

ASSIGNMENT BY INVENTOR

For valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned, sell, assign and transfer to Micromass UK Limited, a United Kingdom corporation having a principal place of business at Atlas Park, Simonsway, Manchester, United Kingdom, M22 5PP, its successors and assigns, the entire right, title and interest for the United States of America and all foreign countries in and to any and all inventions disclosed in a patent application titled Mass Spectrometer, filed on 27 December 2006, in the United States Patent and Trademark Office and having Serial No.11/571,338, including all rights of priority under the International Convention for the Protection of Industrial Property, and in all Letters Patent of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or on said application, or any divisional, continuing, reissue or other applications based in whole or in part thereon. And, I agree, for myself and my executors and administrators, with said corporation and its successors and assigns, but at its or their expense and charges, hereafter to execute all applications, amended specifications, deed or other instrument, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and in all other countries to said corporation, with specifications and claims in such form as shall be approved by the counsel of said corporation, and to vest and confirm in said corporation, its successors and assigns, the legal title to all such patents.

I hereby grant the counsel of said corporation the power to insert on this Assignment the serial number of said patent application and any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

I do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said corporation, its successors and assigns.

Date: 10/1/03

By: Aller Aller

Witnessed:

Signature

Print Name

PATENT REEL: 038138 FRAME: 0747

ASSIGNMENT BY INVENTOR

For valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned, sell, assign and transfer to Micromass UK Limited, a United Kingdom corporation having a principal place of business at Atlas Park, Simonsway, Manchester, United Kingdom, M22 5PP, its successors and assigns, the entire right, title and interest for the United States of America and all foreign countries in and to any and all inventions disclosed in a patent application titled Mass Spectrometer, filed on 27 December 2006, in the United States Patent and Trademark Office and having Serial No.11/571,338, including all rights of priority under the International Convention for the Protection of Industrial Property, and in all Letters Patent of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or on said application, or any divisional, continuing, reissue or other applications based in whole or in part thereon. And, I agree, for myself and my executors and administrators, with said corporation and its successors and assigns, but at its or their expense and charges, hereafter to execute all applications, amended specifications, deed or other instrument, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and in all other countries to said corporation, with specifications and claims in such form as shall be approved by the counsel of said corporation, and to vest and confirm in said corporation, its successors and assigns, the legal title to all such patents.

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I do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said corporation, its successors and assigns.

Date: <u>Dec-19-07</u>

Robert S. Plumb

Signature

Print Name

RECORDED: 03/30/2016

PATENT REEL: 038138 FRAME: 0748