PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3017979

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------|----------------|
| DANIEL JAMES KENNY | 08/13/2014 |
| PAUL MURRAY | 08/20/2014 |
| KEITH RICHARDSON | 08/13/2014 |
| KEVIN GILES | 09/01/2014 |
| JEFFERY MARK BROWN | 09/01/2014 |

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: | 14130428 |

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, PLCAddress Line 1:13885 HEDGEWOOD DRIVE

Address Line 2: SUITE 317

Address Line 4: WOODBRIDGE, VIRGINIA 22193

| ATTORNEY DOCKET NUMBER: | DEH238US | |
|-------------------------|------------------------|--|
| NAME OF SUBMITTER: | NICHOLAS S. WHITELAW | |
| SIGNATURE: | /Nicholas S. Whitelaw/ | |
| DATE SIGNED: | 09/11/2014 | |

Total Attachments: 3

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PATENT

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UTILITY -WORLD Atty Docket: DEH238US

ASSIGNMENT WHEREAS, Daniel James Kenny, Paul Murray, Keith Richardson, Kevin Giles and Jeffery Mark Brown

| whose post office address(es) appear(s) below, hereinaft and useful improvements in Photo-Dissociation of Prot (hereinafter referred to as the INVENTION) for which at | y, Kenn Richardson, Kevin Giles and Jeffery Mark Brown er referred to as ASSIGNOR, (is (are) the owner of certain new eins and Peptides in a Mass Spectrometer application for United States Letters Patent was | | | |
|---|--|--|--|--|
| executed on even date horowith | - application for other states Leaves I desir was | | | |
| executed on: executed on: filed on: December 31, 2013 Serial No. established by PCT International Patent Applic | D. 14/130,428 | | | |
| established by PCT International Patent Applic | ation No.: Filed: | | | |
| WHEREAS, Micromass UK Limited | | | | |
| Whose post office address is Stamford Avenue, Altrinch | am 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 co ASSIGNOR, do sell, assign and transfer unto said ASSIG INVENTION and application throughout the United Stat Patent granted on any division, continuation, continuation title and interest in and to the said INVENTION through inventor certificates in respect thereof and to claim priori the Paris International Convention and all other available title and interest in and to any and all patents, patents of patents and inventor certificates which may be granted the ALSO, ASSIGNOR hereby agrees to execute an the filing, prosecution and maintenance of said application the United States and in foreign countries for said INVENT to affirm the rights of ASSIGNEE in and to said INVENT agrees, without further consideration and at ASSIGNEE'S ASSIGNEE'S request documents and information concern or control and to provide further assurances and testimon ASSIGNOR in respect of the prosecution, maintenance an | res of America, including any and all United States Letters in-in-part and reissue of said application; and the entire right, out the world, including the right to apply for patents and try pursuant to rights accorded ASSIGNOR under the terms of international conventions and treaties; and the entire right, addition, utility models, patents of importation, revalidation proughout the world in respect of said INVENTION. In documents that legally may be required in connection with an or any other patent application(s) or inventor certificate(s) in ITION, including additional documents that may be required ON, all without further consideration. ASSIGNOR also | | | |
| an United States Letters Patent referred to above to ASSIC and to the same, for ASSIGNEE'S sole use and behoof; and successors, to the full end of the term for which such same would have been held by ASSIGNOR had this agree | ment 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 | | | | |
| Daniel James Kenny | Address Grove Farm House | | | |
| Where Signed | Westfield Drive | | | |
| MANCHESTER, UK | Knutsford, GB WA16 0BL | | | |
| Date 13 AU6 2014 | Signature D. Kung. | | | |
| Witnesses: | | | | |
| 5.60 | Steven Foster 13/8/2014. | | | |
| Signature | Printed Name & Date | | | |

 $igstyle \ensuremath{igstyle igstyle }$ See following page(s) for additional joint assignees

Printed Name & Date

Signature

UTILITY -WORLD-NOTARIZATION Atty Docket: DEH238US

| Description of the control of the second of | The second secon |
|---|--|
| Assignor Name Paul Murray | Address 76 Tamworth Avenue |
| Where Signed | Whitefield Manchester, GB M45 6UA |
| Dute | Signature / 1 |
| Date 20th August 2014 | Tank Killy |
| Witnesses: | |
| Signature Signature | Steven Fester 20/8/2014. Printed Name & Date |
| Signature | Printed Name & Date |
| | |
| Assignor Name Keith Richardson | Address 89 Marsh Lane |
| Where Signed WiLmstow | New Mills High Peak, Derbyshire, GB SK22 4PP |
| Wilmstow 13 - Aug - 14 | Signature KAM |
| Witnesses: | |
| Signature Signature | Steven Foster 13/8/2014 Printed Name & Date |
| Signature | Printed Name & Date |
| | Sharif and commenced to the commence of the co |
| Assignor Name Kevin Giles | Address 19 Bonington Rise |
| Where Signed WILMSLOW | Marple Bridge Stockport, Cheshire, GB SK6 5DW |
| 1st SEPT 2014 | Marple Bridge Stockport, Cheshire, GB SK6 5DW Signature Steven Fate Printed Name & Date Printed Name & Date |
| Witnesses: | |
| 5.63 | Steven Foster 1/9/2014. |
| Signature | Printed Name & Date |
| Signature | Printed Name & Date |

See following page(s) for additional joint assignees

UTILITY -WORLD-NOTARIZATION Atty Docket: DEH238US

| Assignor Name Jeffery Mark Brown Where Signed WICHSLOW UR | Dial House, Old Hall Lane Mottram-in-Longdendale Hyde, Cheshire, GB SK14 6LT |
|--|--|
| Date 1-56PT-2014 | Signature J. Brown |
| Witnesses: Signature | Steven Foster 1/9/2014 Printed Name & Date |
| Signature | Printed Name & Date |
| | |
| Assignor Name | Address |
| Where Signed | |
| Date | Signature |
| Wilnesses: | |
| Signature | Printed Name & Date |
| Signature | Printed Name & Date |
| | |
| Assignor Name | Address |
| Where Signed | |
| Dale | Signature |
| Witnesses; | |
| Signature | Printed Name & Date |
| Signature | Printed Name & Date |
| See following page(s) for additional joint assignees | |

RECORDED: 09/11/2014