PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

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

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------------|----------------|
| Fiona Obrock Geiser | 02/21/2007 |
| John James Keenan | 05/23/2007 |
| Ronald Rossi | 06/08/2007 |
| Albert Sanchez | 05/25/2007 |
| John Michael Whelan II | 06/25/2007 |

RECEIVING PARTY DATA

| Name: | Johnson Matthey Public Limited Company | | | |
|-----------------|--|--|--|--|
| Street Address: | 10-42 Hatton Garden | | | |
| City: | London | | | |
| State/Country: | UNITED KINGDOM | | | |
| Postal Code: | EC1N 8EE | | | |

PROPERTY NUMBERS Total: 1

| Property Type | Number | | | |
|---------------------|----------|--|--|--|
| Application Number: | 10584122 | | | |

CORRESPONDENCE DATA

Fax Number: (610)407-0701

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 6104070700

Email: | Irbennett@ratnerprestia.com

Correspondent Name: Christopher R. Lewis

Address Line 1: P.O. Box 980

Address Line 4: Valley Forge, PENNSYLVANIA 19482-0980

| ATTORNEY DOCKET NUMBER: | JMYT-368US |
|-------------------------|----------------------|
| NAME OF SUBMITTER: | Christopher R. Lewis |

PATENT REEL: 019584 FRAME: 0289

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OP \$40,00 1058

Total Attachments: 5

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PATENT REEL: 019584 FRAME: 0290

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|---|------------------------|--|--------------------|-----------------------------|--|--|
| ASSIGNMENT - Patent Application | | | Docket | Docket Number: JMYT-368US | | |
| Whereas, the Ass | ignor, cor | nprising the following named inve | ntors: | • | | |
| | 1. Fiona Obrock Geiser | | 2. | John James Keenan | | |
| ASSIGNOR(s)/ INVENTOR(s) | 3. Ron | 3. Ronald Rossi | | Albert Sanchez | | |
| | 5. Joh | nn Michael Whelan | | 6. | | |
| made an inventior | entitled: | PROCESS FOR PURIFYING (-)-Δ | -TRANS-T | <u>retrahydrocannabinol</u> | | |
| for which an applic | | Letters Patent of the United State | 5: | | | |
| | the U.S. F | ntly herewith Patent and Trademark Office on <u>J</u> ation Serial No.: <u>10/584,122</u> | <u>ine 23, 2</u> 6 | 006, | | |
| ASSIGNEE (Full Name and Address) Johnson Matthey Public Limited Company (a British body corporate) 40-42 Hatton Garden London EC1N 8EE United Kindom | | | | | | |

is desirous of acquiring the entire interest in and to said invention and the Letters Patent to be obtained therefor,

Now, therefore, in consideration of the payment by Assignee to Assignor of a sum corresponding to One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged, Assignor, intending to be legally bound, hereby sells, assigns and transfers to Assignee, its successors and assigns, the full and exclusive right, title and interest in and to said invention, all applications for Letters Patent for said invention, including all divisions, continuations, and continuations-in-part thereof, all rights to claim priority based thereon, and all Letters Patent, including reissues, to be obtained therefor, including any and all foreign patent rights in this invention corresponding thereto.

Assignor hereby warrants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

Assignor agrees it shall be legally bound, upon request of the Assignee or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the Assignor has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the Assignee, and to execute all instruments proper to carry out the intent of this instrument.

If the invention requires a biological deposit, Assignor also grants to Assignee such control over any deposit made by Assignor as may be necessary to the validity of the patent rights assigned herein.

ASSIGNMENT - Patent Application

Docket Number: JMYT-368US

Assignor authorizes Assignor's attorney to insert at the end hereof, the serial number and filing date of the aforesaid application for United States Letters Patent and/or the Attorney Docket or file designation for this application if not identified above.

If the Assignor includes more than one individual, these obligations shall apply to these individuals both individually and collectively.

In witness whereof, this Assignment is executed on the day indicated below.

| | Typed or Printed | l Name | Signature | Date |
|--------------------|---|--|-------------------------------------|---|
| | 1. Fiona Obrock G | ieiser | | |
| | ANDRESSEE AS AND | annosasti sa annosas (wijes jahanna as as vec prim | * Witness to Assignor #1 | |
| | 2. John James Ke | enan | _pr | 5/23/07 |
| | | dh ekkirdina ira Nasa ekkirla irin Nasi alinek din Nasi | * Witness to Assignor #2 | 5/23/07 |
| | 3. Ronald Rossi | | Real Ross | 6/8/07 |
| SIGNATURE | | | */Witness to Assignor #3 | 618107 |
| O.O. W. T. O. I.E. | 4. Albert Sanchez | is skomentens mehr nebri herri nebi ra ih m | albut farely | 5/25/07 |
| | | | * Witness to Assignor #A | 5/25/07 |
| | | | <u> </u> | alakan mahan Valundur pa 1400 keleben bahan da Vidorober Centari) in bilikan balcat dan da bahan ba |
| | 5. John Michael W | /helan | | · · · · · · · · · · · · · · · · · · · |
| | المالة | and a second | * Witness to Assignor #5 | 15 (Sh. mari sharin i iliyi bir sharin an 1800 kiliyi sharin ka 1804 kiliyi sharin ka 1804 kiliyi sharin ka 180 |
| | 6. | | | |
| | | | * Witness to Assignor #6 | |
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| Application for U | Jnited States Letters I | Patent: | | |
| Serial No.: | | 10/584,12 | <u>22</u> | |
| Filed: | | June 23, | 2006 | |
| Attorney Docket | Number: | JMYT-36 | 8US | · |
| Total Number of | f Assignment Pages | | * Witness signature recommended, ma | ndatory for some countries |

Page 2 of 2 Modified 2/6/03

REEL: 019584 FRAME: 0292

Originals

| ASSIGNMENT - Patent Application Docket Number: JMYT-368US | | | | | |
|--|---|--|--|--|--|
| Whereas, the Ass | ignor, comprising the following named inve | entors: | | | |
| | 1. Fiona Obrock Geiser | 2. John James Keenan | | | |
| ASSIGNOR(s)/ INVENTOR(s) | 3. Ronald Rossi | 4. Albert Sanchez | | | |
| | 5. John Michael Whelan | 6. | | | |
| made an inventior | n entitled: PROCESS FOR PURIFYING (-)- | ⁹ -TRANS-TETRAHYDROCANNABINOL | | | |
| for which an applic | cation for Letters Patent of the United State | es: | | | |
| is executed concurrently herewith was flled in the U.S. Patent and Trademark Office on June 23, 2006, as U.S. Patent Application Serial No.: 10/584,122 | | | | | |
| ASSIGNEE (Full Name and Address) Johnson Matthey Public Limited Company (a British body corporate) 40-42 Hatton Garden London EC1N 8EE United Kindom | | | | | |

is desirous of acquiring the entire interest in and to said invention and the Letters Patent to be obtained therefor,

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Page 1 of 2 Modified 2/6/03

ASSIGNMENT - Patent Application

Docket Number: JMYT-368US

Assignor authorizes Assignor's attorney to insert at the end hereof, the serial number and filing date of the aforesaid application for United States Letters Patent and/or the Attorney Docket or file designation for this application if not identified above.

If the Assignor includes more than one individual, these obligations shall apply to these individuals both individually and collectively.

In witness whereof, this Assignment is executed on the day indicated below.

| | Typed or Printed | l Name | Signature | Date ' |
|-------------------|------------------------|------------|--|--|
| | 1. Fiona Obrock Geiser | | Fina Obroch Deise, * Witness to Assignor #1 | NOTARIAL SEAL GEORGE D. MADONNA, Notary Public Upper Providence Twp., Delaware County My Commission Expires June 3, 2009 |
| | 2. John James Ke | enan | | |
| | | | * Witness to Assignor #2 | |
| | 3. Ronald Rossi | | | |
| SIGNATURE | | | * Witness to Assignor #3 | |
| SIGNATURE | 4. Albert Sanchez | • | | · |
| | | | * Witness to Assignor #4 | |
| | 5. John Michael V | Vhelan | | |
| | | | * Witness to Assignor #5 | |
| | 6. | | | |
| | | | * Witness to Assignor #6 | |
| | <u> </u> | | Andrew Courts & State Court Co | |
| Application for I | Jnited States Letters | Patent: | | |
| Serial No.: | | 10/584,12 | 2 | |
| Filed: | | June 23, 2 | 006 | |
| Attorney Docke | t Number: | JMYT-368 | us | · |
| Total Number of | f Assignment Pages | | * Witness signature recommende | d, mandatory for some countries |

Page 2 of 2 Modified 2/6/03

REEL: 019584 FRAME: 0294

| ASSIGNI | MENT - Patent Applica | ation | Docket Number: JMYT-368L | <u>IS</u> |
|---|--|--------------------------------|--------------------------------|--------------------------------|
| Assignor aforesaid application if not l | authorizes Assignor's attorney to i lion for United States Letters Pate dentified above. | Insert at the int and/or th | | |
| Individually and c | ignor includes more than one indi- ollectively. | | • | Be Itidiyiddais porti |
| In witnes | s whereof, this Assignment is exe | cuted on th | e day indicated below. | |
| | Typed or Printed Name | Si | gnature | Date |
| | 1. Flona Obrock Geiser | | | |
| | _ | * Witness t | o Assignor #1 | |
| | 2. John James Keenan | | | |
| .) | | * Witness | to Assignor #2 | |
| | 3. Ronald Rossi | | | |
| | | * Witness | to Assignor #3 | |
| SIGNATURE | 4. Albert Sanchez | | | |
| | | * Witness | to Assignor #4 | to che D |
| | 5. John Michael Whelan II | Plan | M Muse | 6/25/07 |
| | | // Witnes | s to Assignor #5 | |
| | 6. | | | |
| • | | * Witne | ss to Assignor #6 | |
| | | | | |
| Application fo | or United States Letters Patent: | | | |
| Serial No.: | <u>10/584.</u> 2 | | | \ |
| 1 | | <u>3, 2006</u> | | , liles |
| Filed: | JMYT | -368US | « Witness signature recommende | mandatory for some countries |
| Attorney D | ocket Number: Junio | | Milliego 2/3 | |
| Total Nun | nber of Assignment Pages | • | • | |
| | | | | Wodified 516103 Page 5 of 5 |
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RECORDED: 07/20/2007

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