

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3722330

|                              |                |
|------------------------------|----------------|
| <b>SUBMISSION TYPE:</b>      | NEW ASSIGNMENT |
| <b>NATURE OF CONVEYANCE:</b> | ASSIGNMENT     |

**CONVEYING PARTY DATA**

| Name                   | Execution Date |
|------------------------|----------------|
| PHILIP CRESSWELL       | 09/23/2015     |
| SARA MONTMINY PAQUETTE | 09/18/2015     |
| MAGALI HICKEY          | 09/21/2015     |
| KRISTOPHER PERKIN      | 09/23/2015     |
| GREG SMITH             | 09/17/2015     |
| ELAINE LIVERSIDGE      | 09/18/2015     |
| BRIAN STEINBERG        | 10/09/2015     |
| DAVID MANSER           | 09/21/2015     |
| RYAN TURNCLIFF         | 09/21/2015     |
| MICHAEL PALMIERI JR.   | 10/07/2015     |
| TAREK ZEIDAN           | 09/17/2015     |
| ETHAN P. CASH          | 10/08/2015     |
| MARJIE L. HARD         | 09/21/2015     |

**RECEIVING PARTY DATA**

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| <b>Name:</b>             | ALKERMES PHARMA IRELAND LIMITED |
| <b>Street Address:</b>   | CONNAUGHT HOUSE                 |
| <b>Internal Address:</b> | 1 BURLINGTON ROAD               |
| <b>City:</b>             | DUBLIN 4                        |
| <b>State/Country:</b>    | IRELAND                         |

**PROPERTY NUMBERS Total: 1**

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 14828229 |

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**ATTORNEY DOCKET NUMBER:** 029318-2652

**NAME OF SUBMITTER:** MICHELE M. SIMKIN

**SIGNATURE:** /Michele M. Simkin/

**DATE SIGNED:** 02/02/2016

**Total Attachments: 18**

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**ASSIGNMENT - WORLDWIDE**

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CONNAUGHT HOUSE  
1 BURLINGTON ROAD  
Dublin 4 Ireland

(hereinafter referred to as "ASSIGNEE") its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions, and all foreign countries in and to this invention relating to

**ARIPIRAZOLE PRODRUG COMPOSITION**

as set forth in this United States Patent Application

*check one*      executed concurrently herewith,  
                   executed on \_\_\_\_\_,  
                   Serial No. 14/828,229 Filed 8/17/2015

as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto for above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the Patent Cooperation Treaty, the Paris Convention and any other international agreement; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES ASSIGNEE to file patent applications in any or all countries on the above-identified invention or inventions in the name of the undersigned or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable under the International Convention or otherwise.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representative or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, and declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

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Name: GREG SMITH SIGNATURE \_\_\_\_\_ Date \_\_\_\_\_

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**NAME AND SIGNATURE OF INVENTOR**

Name: ELAINE LIVERSIDGE SIGNATURE \_\_\_\_\_ Date \_\_\_\_\_

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Name: SIGNATURE \_\_\_\_\_ Date \_\_\_\_\_

**NAME AND SIGNATURE OF INVENTOR**

Name: BRIAN STEINBERG SIGNATURE \_\_\_\_\_ Date \_\_\_\_\_

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**NAME AND SIGNATURE OF INVENTOR**

Name: DAVID MANSER SIGNATURE  Date 21 SEP 15

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Name: SIGNATURE \_\_\_\_\_ Date \_\_\_\_\_

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Name: RYAN TURNCLIFF                      SIGNATURE \_\_\_\_\_ Date \_\_\_\_\_

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Name:    SIGNATURE \_\_\_\_\_ Date \_\_\_\_\_

**NAME AND SIGNATURE OF INVENTOR**

Name: MICHAEL PALMIERI, JR.              SIGNATURE \_\_\_\_\_ Date \_\_\_\_\_

**NAME AND SIGNATURE OF WITNESSES**

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Name:    SIGNATURE \_\_\_\_\_ Date \_\_\_\_\_

**NAME AND SIGNATURE OF INVENTOR**

Name: TAREK ZEIDAN                          SIGNATURE \_\_\_\_\_ Date \_\_\_\_\_

**NAME AND SIGNATURE OF WITNESSES**

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Name:    SIGNATURE \_\_\_\_\_ Date \_\_\_\_\_

**NAME AND SIGNATURE OF INVENTOR**

Name: ETHAN P. CASH                          SIGNATURE \_\_\_\_\_ Date \_\_\_\_\_

**NAME AND SIGNATURE OF WITNESSES**

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Name:    SIGNATURE \_\_\_\_\_ Date \_\_\_\_\_

**NAME AND SIGNATURE OF INVENTOR**

Name: MARJIE L. HARD                      SIGNATURE \_\_\_\_\_ Date \_\_\_\_\_

**NAME AND SIGNATURE OF WITNESSES**

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**ARIPRAZOLE PRODRUG COMPOSITION**

as set forth in this United States Patent Application

*check one*     |    ] executed concurrently herewith,  
                  |    ] executed on \_\_\_\_\_  
                  | X | Serial No. 14/828,229 Filed 8/17/2015

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NAME AND SIGNATURE OF INVENTOR


Name: PHILIP CRESSWELL                      SIGNATURE \_\_\_\_\_ Date \_\_\_\_\_

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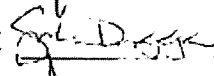
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NAME AND SIGNATURE OF INVENTOR

Name: SARA MONTMINY PAQUETTE SIGNATURE  Date 9-18-15

NAME AND SIGNATURE OF WITNESSES

Name: Susan Duggan SIGNATURE  Date 9-18-2015

Name: SWATI JOSHI SIGNATURE  Date 9/18/15

NAME AND SIGNATURE OF INVENTOR

Name: MAGALI HUCKLEY SIGNATURE \_\_\_\_\_ Date \_\_\_\_\_

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Name: GREG SMITH SIGNATURE \_\_\_\_\_ Date \_\_\_\_\_

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Name: ELAINE LIVERSIDGE SIGNATURE \_\_\_\_\_ Date \_\_\_\_\_

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Name: BRIAN STEINBERG SIGNATURE \_\_\_\_\_ Date \_\_\_\_\_

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NAME AND SIGNATURE OF INVENTOR

Name: MICHAEL PALMIERI, JR. SIGNATURE \_\_\_\_\_ Date \_\_\_\_\_

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Name: TAREK ZEIDAN SIGNATURE \_\_\_\_\_ Date \_\_\_\_\_

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NAME AND SIGNATURE OF INVENTOR

Name: ETILAN P. CASH SIGNATURE \_\_\_\_\_ Date \_\_\_\_\_

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Name: MARJIE L. FIARD                      SIGNATURE \_\_\_\_\_ Date \_\_\_\_\_

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Name: SIGNATURE \_\_\_\_\_ Date \_\_\_\_\_

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Name: SARA MONTMINY SIGNATURE \_\_\_\_\_ Date \_\_\_\_\_  
PAQUETTE

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Name: SIGNATURE \_\_\_\_\_ Date \_\_\_\_\_

Name: SIGNATURE \_\_\_\_\_ Date \_\_\_\_\_

**NAME AND SIGNATURE OF INVENTOR**

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Name: KRISTOPHER PERKIN SIGNATURE \_\_\_\_\_ Date \_\_\_\_\_

**NAME AND SIGNATURE OF WITNESSES**

Name: SIGNATURE \_\_\_\_\_ Date \_\_\_\_\_

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**NAME AND SIGNATURE OF INVENTOR**

Name: GREG SMITH SIGNATURE [Signature] Date 17 Sep 2015

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Name: CINDY SRAGG SIGNATURE [Signature] Date 17-Sep-2015

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Name: ~~CINDY SRAGG~~ SIGNATURE \_\_\_\_\_ Date \_\_\_\_\_

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Name: CINDY SRAGG SIGNATURE [Signature] Date 21-Sep-2015

Name: MARYANNO SCANDALIS SIGNATURE [Signature] Date 21-Sep-2015

**NAME AND SIGNATURE OF INVENTOR**

Name: MICHAEL PALMIERI, JR. SIGNATURE [Signature] Date 7 Oct 2015

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Name: CINDY SRAGG SIGNATURE [Signature] Date 7-Oct-2015

Name: MARYANNO SCANDALIS SIGNATURE [Signature] Date 7-Oct-2015

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Name: TAREK ZEIDAN SIGNATURE [Signature] Date 17 Sep 2015

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Name: CINDY SRAGG SIGNATURE [Signature] Date 17-Sep-2015

Name: MARYANNO SCANDALIS SIGNATURE [Signature] Date 17-Sep-2015

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Name: ETHAN P. CASH SIGNATURE [Signature] Date 8 Oct 2015

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Name: MARYANNO SCANDALIS SIGNATURE [Signature] Date 8-Oct-2015

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Name: MARJIE L. HARD

SIGNATURE



Date

21-SEP-2015

**NAME AND SIGNATURE OF WITNESSES**

Name: CINDY SRAGG

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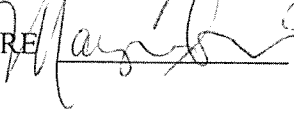


Date

21-Sep-2015

Name: MARYANN SCANDALIS

SIGNATURE



Date

21-Sep-2015