505285515 01/18/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ANDREA JANE MOIR	01/12/2018
FARHAN ABDEL KARIM MOHAMMAD AL HUSBAN	01/12/2018
MICHAEL PETER THOMPSON	01/10/2018

RECEIVING PARTY DATA

Name:	ASTRAZENECA UK LIMITED		
Street Address:	1 FRANCIS CRICK AVENUE		
Internal Address:	CAMBRIDGE BIOMEDICAL CAMPUS		
City:	CAMBRIDGE		
State/Country:	ENGLAND		
Postal Code:	CB2 0AA		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16095090

CORRESPONDENCE DATA

Fax Number: (301)398-9306

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.

Phone: 3013980000

Email: patents@astrazeneca.com

ASTRAZENECA Correspondent Name:

ONE MEDIMMUNE WAY Address Line 1:

Address Line 4: GAITHERSBURG, MARYLAND 20878

ATTORNEY DOCKET NUMBER:	200423-US-PCT
NAME OF SUBMITTER:	KORTNI L. HAYES
SIGNATURE:	/Kortni L. Hayes/
DATE SIGNED:	01/18/2019

Total Attachments: 9

source=2019-01-18 - 200423-US-PCT - Inv-AZUK Assignments#page1.tif source=2019-01-18 - 200423-US-PCT - Inv-AZUK Assignments#page2.tif source=2019-01-18 - 200423-US-PCT - Inv-AZUK Assignments#page3.tif

PATENT REEL: 048056 FRAME: 0239 505285515

PATENT REEL: 048056 FRAME: 0240

ASSIGNMENT

THIS AGREEMENT is made the 12th day of Jan Two thousand and eighteen.

BETWEEN:-

- (1) Andrea Jane Moir, a British citizen of AstraZeneca, Redesmere UG18, Silk Road Business Park, Macclesfield, Cheshire SK10 2NA, UK (the "Assignor"); and
- (2) AstraZeneca UK Limited, a company incorporated in England and Wales under no. 3674842, with registered office address at 1 Francis Crick Avenue, Cambridge Biomedical Campus, Cambridge, England, CB2 0AA (the "Assignee").

BACKGROUND:-

- (A) The Assignor has made certain inventions ("the Inventions") described in the Patent Applications set out in the schedule to this Assignment (the "Applications").
- (B) By virtue of an Assignment of Patent Rights dated 28 February 2017, the Assignor has transferred to the Assignee all rights and title in US patent application no. 62/325,584 filed on 21 April 2016 as well as the inventions described therein.
- (C) The Assignor and Assignee agree that the Assignor's rights in the Inventions and the Applications should be transferred by the Assignor to the Assignee (to the extent that the same may not have vested automatically in the Assignee and insofar as there may be any outstanding rights that have not yet been transferred to the Assignee) on the terms set out below.
- (D) The parties wish to enter into this Agreement to confirm the vesting of all rights in the Inventions and Applications in the Assignee.

IT IS AGREED THAT:

1. Assignment

- 1.1. In consideration of the sum of £5, and other good and valuable interest, now paid by the Assignee to the Assignor (the receipt of which the Assignor acknowledges) the Assignor ASSIGNS to the Assignee with full title guarantee absolutely and free from any encumbrances all her rights in and relating to the Inventions (to the extent that the same may not have vested automatically in the Assignee) including, without limitation:-
 - 1.1.1. all her right, title and interest in and to the Applications (including any and all divisions, reissues, continuations and extensions of or from the Applications) arising from the Assignor's contributions to the Inventions to the intent that any patents granted pursuant to the Applications shall be in the name of and shall vest in the Assignee; and
 - 1.1.2. the right to apply for, prosecute and obtain patent or similar protection throughout the world in respect of the Inventions including the right to obtain priority from any such applications made in respect of the Inventions to the intent that the resulting grant of any patents or similar protection shall be in the name of and vest in the Assignee.

Page 1 of 3

TOGETHER WITH all rights and powers arising from the rights assigned under this clause 1.1 ("the Rights") including the right to sue for damages and other remedies in respect of any infringement (including acts falling within the scope of any published specification accompanying the Applications) committed prior to the date of this Agreement.

1.2. The Assignor agrees, upon execution of this Agreement, to deliver to the Assignee all documents, correspondence, notes, drawings, models, prototypes and other items relating to the Inventions.

2. Further Assurance

- 2.1. The Assignor agrees that at the request of the Assignee they will:
 - a. execute all such deeds and documents and do all such acts as may be necessary to secure the vesting in the Assignee of all of the Rights, to secure the notification of and/or registration of the assignment effected at clause 1.1 of this Agreement at the relevant patent offices and to assist in the resolution of any question concerning the Applications or any further applications relating to the Inventions; and
 - b. at the Assignee's cost render all such assistance of which they are capable as may reasonably be required by the Assignee in connection with bringing or defending any proceedings relating to any of the Rights, prosecuting any applications relating to the Inventions to grant and obtaining patents, registered designs or other registered protection in respect of the Inventions.
- 2.2. The Assignor agrees that they will not, without the prior written permission of the Assignee, disclose the Inventions or any information relating to the Inventions to any other person whatsoever PROVIDED ALWAYS that this obligation shall not apply to any information that is or becomes generally known to the public other than through the act or default of the Assignor or is disclosed to the Assignor without obligation of confidence by a third party who has not derived it directly or indirectly from the Assignee or the Assignor.

3. General

- 3.1. All sums payable to the Assignor under this Assignment are exclusive of value added tax which shall where applicable be paid in addition at the rate in force at the due time for payment subject to the Assignor supplying a valid VAT invoice to the assignee.
- 3.2. This Assignment and any dispute or claim arising out of or in connection with it shall be governed by and construed in accordance with English law and the parties submit to the exclusive jurisdiction of the English Courts.

SCHEDULE

The Applications

Proprietor	Territory	Application number	Title
AstraZeneca AB	РСТ	PCT/EP2017/059443	Orally Disintegrating Tablets
AstraZeneca AB	China	CN 201780000516.8	Orally Disintegrating Tablets
AstraZeneca AB	China	CN 201710898954.2	Orally Disintegrating Tablets
AstraZeneca AB	China	CN 201710899077.0	Orally Disintegrating Tablets

IN WITNESS of these matters this document has been executed by the parties on the date set out at the beginning of this Agreement

SIGNED AS A DEED by	\
Andrea Jane Moir	\
in the presence of:-	*
(Name of witness)	Xavier REPIN
(Address)	3 Queens Cant, Victoria Road SK35HR WICHSLOW
SIGNED AS A DEED by	}
AstraZeneca UK Limited	\
acting by Sally Curran (an Authorised Representative)	} Den Garage
in the presence of:-	
(Name of witness)	S. B. Ince
(Address)	Milstein Building Granta Park Cambridge
	Granta Park
) Cambridge
	1 CR21 GGH

ASSIGNMENT

THIS AGREEMENT is made the 12th day of Jonnay Two thousand and Eighteen

BETWEEN:-

- (1) Farhan Abdel Karim Mohammad Al Husban, a Jordanian citizen of AstraZeneca, F42B, Redesmere, Silk Road Business Park, Charter Way, Macclesfield, Cheshire, SK10 2NA, UK (the "Assignor"); and
- (2) AstraZeneca UK Limited, a company incorporated in England and Wales under no. 3674842, with registered office address at 1 Francis Crick Avenue, Cambridge Biomedical Campus, Cambridge, England, CB2 0AA (the "Assignee").

BACKGROUND:

- (A) The Assignor has made certain inventions ("the Inventions") described in the Patent Applications set out in the schedule to this Assignment (the "Applications").
- (B) By virtue of an Assignment of Patent Rights dated 21 February 2017, the Assignor has transferred to the Assignee all rights and title in US patent application no. 62/325,584 filed on 21 April 2016 as well as the inventions described therein.
- (C) The Assignor and Assignee agree that the Assignor's rights in the Inventions and the Applications should be transferred by the Assignor to the Assignee (to the extent that the same may not have vested automatically in the Assignee and insofar as there may be any outstanding rights that have not yet been transferred to the Assignee) on the terms set out below.
- (D) The parties wish to enter into this Agreement to confirm the vesting of all rights in the Inventions and Applications in the Assignee.

IT IS AGREED THAT:

1. Assignment

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 - 1.1.1. all his right, title and interest in and to the Applications (including any and all divisions, reissues, continuations and extensions of or from the Applications) arising from the Assignor's contributions to the Inventions to the intent that any patents granted pursuant to the Applications shall be in the name of and shall vest in the Assignee; and
 - 1.1.2. the right to apply for, prosecute and obtain patent or similar protection throughout the world in respect of the Inventions including the right to obtain priority from any such applications made in respect of the Inventions to the intent that the resulting grant of any patents or similar protection shall be in the name of and vest in the Assignee.

Page 1 of 3

TOGETHER WITH all rights and powers arising from the rights assigned under this clause 1.1 ("the Rights") including the right to sue for damages and other remedies in respect of any infringement (including acts falling within the scope of any published specification accompanying the Applications) committed prior to the date of this Agreement.

1.2. The Assignor agrees, upon execution of this Agreement, to deliver to the Assignee all documents, correspondence, notes, drawings, models, prototypes and other items relating to the Inventions.

2. Further Assurance

- 2.1. The Assignor agrees that at the request of the Assignee they will:
 - a. execute all such deeds and documents and do all such acts as may be necessary to secure the vesting in the Assignee of all of the Rights, to secure the notification of and/or registration of the assignment effected at clause 1.1 of this Agreement at the relevant patent offices and to assist in the resolution of any question concerning the Applications or any further applications relating to the inventions; and
 - b. at the Assignee's cost render all such assistance of which they are capable as may reasonably be required by the Assignee in connection with bringing or defending any proceedings relating to any of the Rights, prosecuting any applications relating to the Inventions to grant and obtaining patents, registered designs or other registered protection in respect of the Inventions.
- 2.2. The Assignor agrees that they will not, without the prior written permission of the Assignee, disclose the Inventions or any information relating to the Inventions to any other person whatsoever PROVIDED ALWAYS that this obligation shall not apply to any information that is or becomes generally known to the public other than through the act or default of the Assignor or is disclosed to the Assignor without obligation of confidence by a third party who has not derived it directly or indirectly from the Assignee or the Assignor.

3. General

- 3.1. All sums payable to the Assignor under this Assignment are exclusive of value added tax which shall where applicable be paid in addition at the rate in force at the due time for payment subject to the Assignor supplying a valid VAT invoice to the assignee.
- 3.2. This Assignment and any dispute or claim arising out of or in connection with it shall be governed by and construed in accordance with English law and the parties submit to the exclusive jurisdiction of the English Courts.

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SCHEDULE

The Applications

Proprietor	Territory	Application number	Title
AstraZeneca AB	РСТ	PCT/EP2017/059443	Orally Disintegrating Tablets
AstraZeneca AB	China	CN 201780000516.8	Orally Disintegrating Tablets
AstraZeneca AB	China	CN 201710898954.2	Orally Disintegrating Tablets
AstraZeneca AB	China	CN 201710899077.0	Orally Disintegrating Tablets

IN WITNESS of these matters this document has been executed by the parties on the date set out at the beginning of this Agreement

SIGNED AS A DEED by	8 9
Farhan Abdel Karim Mohammad Al Husban	and the second s
in the presence of:-) DOROTOP
(Name of witness)	MADELEINE PROCTOR
(Address)	Flat 3 21 Naples Street Manchester M4 4B5
SIGNED AS A DEED by	\
AstraZeneca UK Limited) }
acting by Sally Curran (an Authorised Representative)	Scure -
in the presence of:-)
(Name of witness)	S. B. MCC. Bildias
(Address)	Milstein Building Granta Pack Cambridge CB21 69H

Page 3 of 3

ASSIGNMENT

THIS AGREEMENT is made the 10th day of Journal Two thousand and 18.

BETWEEN:-

- (1) Michael Peter Thompson, a British citizen of AstraZeneca, Bollin 317, Macclesfield, Cheshire, SK10 2NX, UK (the "Assignor"); and
- (2) AstraZeneca UK Limited, a company incorporated in England and Wales under no. 3674842, with registered office address at 1 Francis Crick Avenue, Cambridge Biomedical Campus, Cambridge, England, CB2 0AA (the "Assignee").

BACKGROUND:-

- (A) The Assignor has made certain inventions ("the Inventions") described in the Patent Applications set out in the schedule to this Assignment (the "Applications").
- (B) By virtue of an Assignment of Patent Rights dated 13 February 2017, the Assignor has transferred to the Assignee all rights and title in US patent application no. 62/325,584 filed on 21 April 2016 as well as the inventions described therein.
- (C) The Assignor and Assignee agree that the Assignor's rights in the Inventions and the Applications should be transferred by the Assignor to the Assignee (to the extent that the same may not have vested automatically in the Assignee and insofar as there may be any outstanding rights that have not yet been transferred to the Assignee) on the terms set out below.
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 - 1.1.1. all his right, title and interest in and to the Applications (including any and all divisions, reissues, continuations and extensions of or from the Applications) arising from the Assignor's contributions to the Inventions to the intent that any patents granted pursuant to the Applications shall be in the name of and shall vest in the Assignee; and
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SCHEDULE

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AstraZeneca AB	China	CN 201710899077.0	Orally Disintegrating Tablets

IN WITNESS of these matters this document has been executed by the parties on the date set out at the beginning of this Agreement

SIGNED AS A DEED by

Michael Peter Thompson

in the presence of:
(Name of witness)

(Address)

MICHAEL PROPERTY OF THE PROPE

SIGNED AS A DEED by

AstraZeneca UK Limited

acting by Sally Curran (an Authorised Representative)

in the presence of:-

(Name of witness)

(Address)

B. In CQ Milstein Building Granta Park Cambridge CB21 69H

Page 3 of 3

RECORDED: 01/18/2019