# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 **EPAS ID: PAT3077388** 

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

# **CONVEYING PARTY DATA**

Name	Execution Date
IAN COLLINS	05/31/2013
THOMAS PETER MATTHEWS	05/31/2013
TATIANA FARIA DA FONSECA MCHARDY	06/05/2013
JAMES OSBORNE	06/03/2013
MICHAEL LAINCHBURY	06/10/2013
MICHAEL IAN WALTON	05/31/2013
MICHELLE DAWN GARRETT	06/04/2013

# RECEIVING PARTY DATA

Name:	CANCER RESEARCH TECHNOLOGY LIMITED	
Street Address:	ANGEL BUILDING 407 ST JOHN STREET	
City:	LONDON	
State/Country:	UNITED KINGDOM	
Postal Code:	EC1V4AD	

# **PROPERTY NUMBERS Total: 1**

Property Type	Number	
Application Number:	14396338	

# **CORRESPONDENCE DATA**

Fax Number: (303)268-0065

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: 3032680066

Email: tcrispino@sbiplaw.com

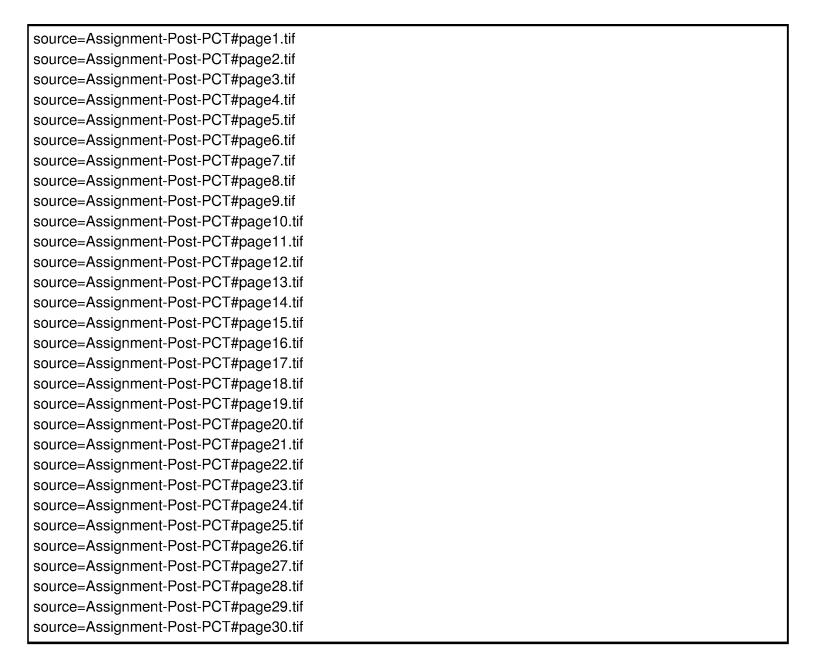
SWANSON & BRATSCHUN, L.L.C. **Correspondent Name:** 8210 SOUTHPARK TERRACE Address Line 1: Address Line 4: LITTLETON, COLORADO 80120

ATTORNEY DOCKET NUMBER:	0206.169
NAME OF SUBMITTER:	ROSEMARY KELLOGG
SIGNATURE:	/Rosemary Kellogg/
DATE SIGNED:	10/23/2014

**Total Attachments: 30** 

REEL: 034015 FRAME: 0521

PATENT





# ASSIGNMENT OF INVENTION AND RELATED INTELLECTUAL PROPERTY RIGHTS

#### Parties:

# 1 'The Inventors'

# IAN COLLINS

of: The Institute of Cancer Research, 15 Cotswold Road, Sutton, Surrey, SM2 5NG, United Kingdom.

# THOMAS PETER MATTHEWS

of: The Institute of Cancer Research, 15 Cotswold Road, Sutton, Surrey, SM2 5NG, United Kingdom.

# TATIANA FARIA DA FONSECA MCHARDY

of: The Institute of Cancer Research, 15 Cotswold Road, Sutton, Surrey, SM2 5NG, United Kingdom.

## JAMES OSBORNE

of: Biofocus, Chesterford Research Park, Chesterford Park, Saffron Walden, Essex, CB10 1XL, United Kingdom.

## MICHAEL LAINCHBURY

of: Argenta Discovery 2009 Limited, 8-9 Spire Green Centre, Flex Meadow, Harlow, Essex, CM19 5TR, United Kingdom.

#### MICHAEL IAN WALTON

of: The Institute of Cancer Research, 15 Cotswold Road, Sutton, Surrey, SM2 5NG, United Kingdom.

# MICHELLE DAWN GARRETT

of: The Institute of Cancer Research, 15 Cotswold Road, Sutton, Surrey, SM2 5NG, United Kingdom.

#### 2 'ICR'

# INSTITUTE OF CANCER RESEARCH: ROYAL CANCER HOSPITAL (THE)

(Company No. 00534147, incorporated under the laws of England & Wales) of: 123 Old Brompton Road, London, SW7 3RP, United Kingdom.

# 3 'CRT'

#### CANCER RESEARCH TECHNOLOGY LIMITED

(Company No. 01626049, incorporated under the laws of England & Wales) of: Angel Building, 407 St John Street, London, EC1V 4AD, United Kingdom:

WJW/LP6894927 CHK1-S2-PCT Page 1 of 6

Assignment US 61/647,200 & PCT/GB2013/051233

## Recitals:

- (A) The Inventors are joint inventors of the invention or inventions entitled "5-[[4-[[Morpholin-2-yl]Methylamino]-5-(Trifluoromethyl)-2-Pyridyl]Amino]Pyrazine-2-Carbonitrile and Therapeutic Uses Thereof" (hereinafter referred to as "the Invention") for which United States patent application number 61/647,200 ("the Priority Application") and International patent application number PCT/GB2013/051233 ("the PCT Application"), as set out in the Schedule hereto, has been filed (the Priority Application and the PCT Application together with any subsequent applications being hereinafter referred to collectively as "the Patent Applications").
- (B) The Priority Application was filed in the name of the Inventors as required by US law.
- (C) The Inventors were at all relevant times employed by ICR and in accordance with the terms of their employment and the operation of the UK Patents Act 1977 all of those Inventors' rights in the Invention belong to ICR.
- **(D)** By an Agreement made between the Inventors, ICR, and CRT ("The Agreement") before the Priority Application was filed, it was agreed that all rights in the Invention and the Patent Applications will be solely owned by CRT.
- (E) To give effect to the Agreement and to facilitate the prosecution of the Patent Applications, the Inventors, ICR, and CRT have agreed to execute this assignment.

# Operative provisions:

- 1.1 In consideration for the payment of £1.00 by ICR to each of the inventors, the receipt and sufficiency of which is hereby acknowledged, and to the extent that they have not already done so, the inventors hereby sell and assign to ICR, which accepts, absolutely and free from incumbrances, all of their respective rights in to and under the Invention and the Patent Applications.
- 1.2 In consideration for the payment of £1.00 by CRT to ICR, the receipt and sufficiency of which is hereby acknowledged, and to the extent that they have not already done so, ICR hereby sells and assigns to CRT, which accepts, absolutely and free from incumbrances, all of its respective rights in to and under the Invention and the Patent Applications arising from the contributions of the Inventors.
- 1.3 The rights assigned hereunder shall include without limitation:
- 1.3.1 all of their respective rights title and interest in all countries of the world in to and under the Invention and the Patent Applications and all national and regional phases thereof and any and all divisionals, continuations and continuations-in-part of any of the aforesaid applications and any and all patents that may be granted pursuant thereto for the full period thereof including any re-issues, re-examinations, renewals, extensions and Supplementary Protection Certificates and including all rights and powers arising or accrued therefrom including the right to sue for damages and other remedies in respect of any infringement of any such rights before on or after the date hereof and to retain any damages obtained as a result of such action;
- **1.3.2** all such rights as they may have to apply for prosecute and obtain patents and other intellectual property protection anywhere in the world in respect of the Invention to the intent that the grant of any patents or other intellectual property protection for the Invention shall be in the name of and shall vest in CRT or their respective successors or assigns;

WJW/LP6894927 CHK1-S2-PCT Page 2 of 6

1.3.3 all such rights as they may have to claim priority from any and all of the Patent Applications in any and all applications for patent protection or other intellectual property protection for the Invention, such rights to be enjoyed by CRT as from the date of filing of any of the Patent Applications from which priority is claimed;

to the intent that CRT shall have and hold the rights title and interest hereby assigned as fully and entirely as the same would have been held and enjoyed by the Inventors and ICR had this assignment not been made.

- The Inventors, ICR, and CRT hereby GRANT the firm of Mewburn Ellis LLP the power to insert in the Schedule to this Assignment any further identification of any future patent applications in any countries or regions of the world which shall fall within the scope of clause 1 above, as may be necessary or desirable in order to comply with the rules of any Patent Office for recordation of this document.
- The Inventors and ICR hereby UNDERTAKE that at the request and cost of CRT or their successors or assigns they will at all times hereafter promptly do all such acts and execute all such documents (including but not limited to documents required to be signed by or on behalf of inventors in the course of any and all patent applications which relate to the Invention and any and all divisionals, continuations and continuations-in-part of any such applications) as may be reasonably necessary or desirable to secure the vesting in CRT or their successor or assigns of all rights title and interest assigned to CRT hereunder and to confirm the title of CRT or their successors or assigns to all such rights title and interest and to assist in the resolution of any question concerning the Invention or any application for patent or other intellectual property protection for the Invention or any intellectual property protection granted pursuant to any such application.
- The Inventors, ICR, and CRT hereby request the relevant authorities in all countries of the world to issue any patents granted for the Invention in the name of CRT or their respective successors or assigns in accordance with this assignment.
- 5 This assignment and undertaking shall be binding upon the heirs, executors, administrators, successors and/or assigns of the Inventors and ICR and shall enure to the benefit of any heirs, executors, administrators, successors and/or assigns of CRT.

AS WITNESS the signatures of (or of duly authorised officers of) the parties hereto:

# SCHEDULE

# The Patent Applications

Patent Office	Application No.	Filing Date	Mewburn Ellis Ref.
USA	61/647,200	15 May 2012	WJW/LP6809669
WO	PCT/GB2013/051233	13 May 2013	WJW/LP6894927

WJW/LP6894927 CHK1-S2-PCT Page 3 of 6

Assignment US 61/647,200 & PCT/GB2013/051233

. Ux.

SIGNED by THOMAS PETER MATTHEWS) on (date): 31-M9Y-2013 ) Signature: 111111111111111111111111111111111111
---

SIGNED by TATIANA FARIA DA	)
FONSECA MCHARDY	) Laminage of
on (date):05.T.3.9.N.E. =2035	) Signature: The Line Associated the S
at (city, country):\$ພະລັຄຝ.,.ບະເ	)
in the presence of (Witness):	
Signature: Use 22	
Name: .EWAN SMITH	
Address: Kingsward Dave, Setton	Úk
1	

SIGNED by JAMES OSBORNE on (date): at (city, country): in the presence of (Witness): Signature: Name: Address:	) Signature:)
SIGNED by MICHAEL LAINCHBURY on (date): at (city, country): in the presence of (Witness): Signature:	) Signature:
Name:	
SIGNED by MICHAEL IAN WALTON on (date): 3 - May 2013 at (city, country): \$37770, 446 in the presence of (Witness): Signature: 4766 Name: DENIS DXAN Address: 2016/16/16/16/16/16/16/16/16/16/16/16/16/1	

Page 5 of 6

SIGNED by MICHELLE DAWN GARRETT on (date):	Signature: W. J.
SIGNED for and on behalf of INSTITUTE OF CANCER RESEARCH: ROYAL CANCER HOSPITAL (THE) on (date): at (city, country): in the presence of (Witness): Signature: Name: Address:	) ) Signature: ) Name: ANGELA <u>KUKULA</u> ) Position: DIRECTOR OF ENTERPRISE
SIGNED for and on behalf of CANCER RESEARCH TECHNOLOGY LIMITED on (date): at (city, country): in the presence of (Witness): Signature: Name: Address:	) ) Signature: ) Name: KEITH BLUNDY ) Position: CHIEF EXECUTIVE OFFICER

Page 6 of 6



# ASSIGNMENT OF INVENTION AND RELATED INTELLECTUAL PROPERTY RIGHTS

#### Parties:

# 1 'The Inventors'

#### IAN COLLINS

of: The Institute of Cancer Research, 15 Cotswold Road, Sutton, Surrey, SM2 5NG, United Kingdom.

# THOMAS PETER MATTHEWS

of: The Institute of Cancer Research, 15 Cotswold Road, Sutton, Surrey, SM2 5NG, United Kingdom.

# TATIANA FARIA DA FONSECA MCHARDY

of The Institute of Cancer Research, 15 Cotswold Road, Sutton, Surrey, SM2 5NG, United Kingdom.

# JAMES OSBORNE

of: Biofocus, Chesterford Research Park, Chesterford Park, Saffron Walden, Essex, CB10 1XL, United Kingdom.

# MICHAEL LAINCHBURY

of: Argenta Discovery 2009 Limited, 8-9 Spire Green Centre, Flex Meadow, Harlow, Essex, CM19 5TR, United Kingdom.

# MICHAEL IAN WALTON

of: The Institute of Cancer Research, 15 Cotswold Road, Sutton, Surrey, SM2 5NG, United Kingdom.

# MICHELLE DAWN GARRETT

of: The Institute of Cancer Research, 15 Cotswold Road, Sutton, Surrey, SM2 5NG, United Kingdom.

# 2 'ICR'

INSTITUTE OF CANCER RESEARCH: ROYAL CANCER HOSPITAL (THE) (Company No. 00534147, incorporated under the laws of England & Wales) of: 123 Old Brompton Road, London, SW7 3RP, United Kingdom.

# 3 'CRT'

# CANCER RESEARCH TECHNOLOGY LIMITED

(Company No. 01626049, incorporated under the laws of England & Wales) of: Angel Building, 407 St John Street, London, EC1V 4AD, United Kingdom.

WJW/LP6894927 CHK1-S2-PCT Page 1 of 6

Assignment US 61/647,200 & PCT/GB2013/051233

# Recitals:

- (A) The Inventors are joint inventors of the invention or inventions entitled "5-[[4-[[Morpholin-2-yl]Methylamino]-5-(Trifluoromethyl)-2-Pyridyl]Amino]Pyrazine-2-Carbonitrile and Therapeutic Uses Thereof" (hereinafter referred to as "the Invention") for which United States patent application number 61/647,200 ("the Priority Application") and International patent application number PCT/GB2013/051233 ("the PCT Application"), as set out in the Schedule hereto, has been filed (the Priority Application and the PCT Application together with any subsequent applications being hereinafter referred to collectively as "the Patent Applications").
- (8) The Priority Application was filed in the name of the Inventors as required by US law.
- (C) The Inventors were at all relevant times employed by ICR and in accordance with the terms of their employment and the operation of the UK Patents Act 1977 all of those Inventors' rights in the Invention belong to ICR.
- (D) By an Agreement made between the Inventors, ICR, and CRT ("The Agreement") before the Priority Application was filed, it was agreed that all rights in the Invention and the Patent Applications will be solely owned by CRT.
- **(E)** To give effect to the Agreement and to facilitate the prosecution of the Patent Applications, the Inventors, ICR, and CRT have agreed to execute this assignment.

# Operative provisions:

- 1.1 In consideration for the payment of £1.00 by ICR to each of the Inventors, the receipt and sufficiency of which is hereby acknowledged, and to the extent that they have not already done so, the inventors hereby sell and assign to ICR, which accepts, absolutely and free from incumbrances, all of their respective rights in to and under the Invention and the Patent Applications.
- 1.2 In consideration for the payment of £1.00 by CRT to ICR, the receipt and sufficiency of which is hereby acknowledged, and to the extent that they have not already done so, ICR hereby sells and assigns to CRT, which accepts, absolutely and free from incumbrances, all of its respective rights in to and under the Invention and the Patent Applications arising from the contributions of the Inventors.
- 1.3 The rights assigned hereunder shall include without limitation:
- 1.3.1 all of their respective rights title and interest in all countries of the world in to and under the Invention and the Patent Applications and all national and regional phases thereof and any and all divisionals, continuations and continuations-in-part of any of the aforesaid applications and any and all patents that may be granted pursuant thereto for the full period thereof including any re-issues, re-examinations, renewals, extensions and Supplementary Protection Certificates and including all rights and powers arising or accrued therefrom including the right to sue for damages and other remedies in respect of any infringement of any such rights before on or after the date hereof and to retain any damages obtained as a result of such action;
- 1.3.2 all such rights as they may have to apply for prosecute and obtain patents and other intellectual property protection anywhere in the world in respect of the Invention to the intent that the grant of any patents or other intellectual property protection for the Invention shall be in the name of and shall vest in CRT or their respective successors or assigns;

WJW/LP6894927 CHK1-S2-PCT Page 2 of 6

1.3.3 all such rights as they may have to claim priority from any and all of the Patent Applications in any and all applications for patent protection or other intellectual property protection for the Invention, such rights to be enjoyed by CRT as from the date of filing of any of the Patent Applications from which priority is claimed;

to the intent that CRT shall have and hold the rights title and interest hereby assigned as fully and entirely as the same would have been held and enjoyed by the Inventors and ICR had this assignment not been made.

- The Inventors, ICR, and CRT hereby GRANT the firm of Mewburn Ellis LLP the power to insert in the Schedule to this Assignment any further identification of any future patent applications in any countries or regions of the world which shall fall within the scope of clause 1 above, as may be necessary or desirable in order to comply with the rules of any Patent Office for recordation of this document.
- The Inventors and ICR hereby UNDERTAKE that at the request and cost of CRT or their successors or assigns they will at all times hereafter promptly do all such acts and execute all such documents (including but not limited to documents required to be signed by or on behalf of inventors in the course of any and all patent applications which relate to the Invention and any and all divisionals, continuations and continuations-in-part of any such applications) as may be reasonably necessary or desirable to secure the vesting in CRT or their successor or assigns of all rights title and interest assigned to CRT hereunder and to confirm the title of CRT or their successors or assigns to all such rights title and interest and to assist in the resolution of any question concerning the Invention or any application for patent or other intellectual property protection for the Invention or any intellectual property protection granted pursuant to any such application.
- 4 The Inventors, ICR, and CRT hereby request the relevant authorities in all countries of the world to issue any patents granted for the Invention in the name of CRT or their respective successors or assigns in accordance with this assignment.
- 5 This assignment and undertaking shall be binding upon the heirs, executors, administrators, successors and/or assigns of the Inventors and ICR and shall enure to the benefit of any heirs, executors, administrators, successors and/or assigns of CRT.

AS WITNESS the signatures of (or of duly authorised officers of) the parties hereto:

# **SCHEDULE**

# The Patent Applications

Patent Office	Application No.	Filing Date	Mewburn Ellis Ref
USA	61/647,200	15 May 2012	WJW/LP6809669
WO	PCT/GB2013/051233	13 May 2013	WJW/LP6894927
			:
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			

WJW/LP6894927 CHK1-\$2-PCT Page 3 of 6

) Signature:
) Signature:)
) ) Signature: ************************************

Page 4 of 6

SIGNED by JAMES OSBORNE  on (date): 3:05-2013  at (city, country): CAMBRIDGE, MS  in the presence of (Witness):  Signature: 400 & TOTT  Address: 400 & CAMBS, C813JD	
SIGNED by MICHAEL LAINCHBURY on (date): at (city, country): in the presence of (Witness): Signature: Name: Address:	) Signature:
SIGNED by MICHAEL IAN WALTON on (date): at (city, country): in the presence of (Witness): Signature: Name: Address:	) Signature:

Page 5 of 6

<u> </u>	······
SIGNED by MICHELLE DAWN GARRETT on (date): at (city, country): in the presence of (Witness): Signature: Name:	) Signature: ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Address:	
SIGNED for and on behalf of	)
INSTITUTE OF CANCER RESEARCH:	)
ROYAL CANCER HOSPITAL (THE)	) Signature:
on (date):	) Name: ANGELA <u>KUKULA</u>
at (city, country):	) Position: DIRECTOR OF ENTERPRISE
in the presence of (Witness): Signature:	
Name:	
Address:	
SIGNED for and on behalf of	)
CANCER RESEARCH TECHNOLOGY	)
LIMITED	) Signature:
on (date):	) Name: <b>KEITH <u>BLUNDY</u></b>
at (city, country):	) Position: CHIEF EXECUTIVE OFFICER
in the presence of (Witness):	
Signature:	
Name: Address:	
Committee of the commit	

Page 6 of 6



# ASSIGNMENT OF INVENTION AND RELATED INTELLECTUAL PROPERTY RIGHTS

# Parties:

#### 1 'The Inventors'

# IAN COLLINS

of: The Institute of Cancer Research, 15 Cotswold Road, Sutton, Surrey, SM2 5NG, United Kingdom.

# THOMAS PETER MATTHEWS

of: The Institute of Cancer Research, 15 Cotswold Road, Sutton, Surrey, SM2 5NG, United Kingdom.

## TATIANA FARIA DA FONSECA MCHARDY

of: The Institute of Cancer Research, 15 Cotswold Road, Sutton, Surrey, SM2 5NG, United Kingdom.

# JAMES OSBORNE

of: Biofocus, Chesterford Research Park, Chesterford Park, Saffron Walden, Essex, CB10 1XL, United Kingdom.

## MICHAEL LAINCHBURY

of: Argenta Discovery 2009 Limited, 8-9 Spire Green Centre, Flex Meadow, Harlow, Essex, CM19 5TR, United Kingdom.

#### MICHAEL IAN WALTON

of: The Institute of Cancer Research, 15 Cotswold Road, Sutton, Surrey, SM2 5NG, United Kingdom.

# MICHELLE DAWN GARRETT

of: The Institute of Cancer Research, 15 Cotswold Road, Sutton, Surrey, SM2 5NG, United Kingdom.

# 2 'ICR'

# INSTITUTE OF CANCER RESEARCH: ROYAL CANCER HOSPITAL (THE)

(Company No. 00534147, incorporated under the laws of England & Wales) of: 123 Old Brompton Road, London, SW7 3RP, United Kingdom.

# 3 'CRT'

# CANCER RESEARCH TECHNOLOGY LIMITED

(Company No. 01626049, incorporated under the laws of England & Wales) of: Angel Building, 407 St John Street, London, EC1V 4AD, United Kingdom

WJW/LP6894927 CHK1-S2-PCT Page 1 of 6

Assignment US 61/647,200 & PCT/GB2013/051233

#### Recitals:

- (A) The Inventors are joint inventors of the invention or inventions entitled "5-[[4-[[Morpholin-2-yl]Methylamino]-5-(Trifluoromethyl)-2-Pyridyl]Amino]Pyrazine-2-Carbonitrile and Therapeutic Uses Thereof" (hereinafter referred to as "the Invention") for which United States patent application number 61/647,200 ("the Priority Application") and International patent application number PCT/GB2013/051233 ("the PCT Application"), as set out in the Schedule hereto, has been filed (the Priority Application and the PCT Application together with any subsequent applications being hereinafter referred to collectively as "the Patent Applications").
- (B) The Priority Application was filed in the name of the Inventors as required by US law.
- (C) The Inventors were at all relevant times employed by ICR and in accordance with the terms of their employment and the operation of the UK Patents Act 1977 all of those Inventors' rights in the Invention belong to ICR.
- (D) By an Agreement made between the Inventors, ICR, and CRT ("The Agreement") before the Priority Application was filed, it was agreed that all rights in the Invention and the Patent Applications will be solely owned by CRT.
- **(E)** To give effect to the Agreement and to facilitate the prosecution of the Patent Applications, the Inventors, ICR, and CRT have agreed to execute this assignment.

# Operative provisions:

- 1.1 In consideration for the payment of £1.00 by ICR to each of the Inventors, the receipt and sufficiency of which is hereby acknowledged, and to the extent that they have not already done so, the inventors hereby sell and assign to ICR, which accepts, absolutely and free from incumbrances, all of their respective rights in to and under the Invention and the Patent Applications.
- 1.2 In consideration for the payment of £1.00 by CRT to ICR, the receipt and sufficiency of which is hereby acknowledged, and to the extent that they have not already done so, ICR hereby sells and assigns to CRT, which accepts, absolutely and free from incumbrances, all of its respective rights in to and under the Invention and the Patent Applications arising from the contributions of the Inventors.
- 1.3 The rights assigned hereunder shall include without limitation:
- 1.3.1 all of their respective rights title and interest in all countries of the world in to and under the Invention and the Patent Applications and all national and regional phases thereof and any and all divisionals, continuations and continuations-in-part of any of the aforesaid applications and any and all patents that may be granted pursuant thereto for the full period thereof including any re-issues, re-examinations, renewals, extensions and Supplementary Protection Certificates and including all rights and powers arising or accrued therefrom including the right to sue for damages and other remedies in respect of any infringement of any such rights before on or after the date hereof and to retain any damages obtained as a result of such action;
- 1.3.2 all such rights as they may have to apply for prosecute and obtain patents and other intellectual property protection anywhere in the world in respect of the Invention to the intent that the grant of any patents or other intellectual property protection for the Invention shall be in the name of and shall vest in CRT or their respective successors or assigns;

WJW/LP6894927 CHK1-S2-PCT Page 2 of 6

1.3.3 all such rights as they may have to claim priority from any and all of the Patent Applications in any and all applications for patent protection or other intellectual property protection for the Invention, such rights to be enjoyed by CRT as from the date of filing of any of the Patent Applications from which priority is claimed;

to the intent that CRT shall have and hold the rights title and interest hereby assigned as fully and entirely as the same would have been held and enjoyed by the Inventors and ICR had this assignment not been made.

- The Inventors, ICR, and CRT hereby GRANT the firm of Mewburn Ellis LLP the power to insert in the Schedule to this Assignment any further identification of any future patent applications in any countries or regions of the world which shall fall within the scope of clause 1 above, as may be necessary or desirable in order to comply with the rules of any Patent Office for recordation of this document.
- The inventors and ICR hereby UNDERTAKE that at the request and cost of CRT or their successors or assigns they will at all times hereafter promptly do all such acts and execute all such documents (including but not limited to documents required to be signed by or on behalf of inventors in the course of any and all patent applications which relate to the Invention and any and all divisionals, continuations and continuations-in-part of any such applications) as may be reasonably necessary or desirable to secure the vesting in CRT or their successor or assigns of all rights title and interest assigned to CRT hereunder and to confirm the title of CRT or their successors or assigns to all such rights title and interest and to assist in the resolution of any question concerning the Invention or any application for patent or other intellectual property protection for the Invention or any intellectual property protection granted pursuant to any such application.
- The Inventors, ICR, and CRT hereby request the relevant authorities in all countries of the world to issue any patents granted for the Invention in the name of CRT or their respective successors or assigns in accordance with this assignment.
- 5 This assignment and undertaking shall be binding upon the heirs, executors, administrators, successors and/or assigns of the Inventors and ICR and shall enure to the benefit of any heirs, executors, administrators, successors and/or assigns of CRT.

AS WITNESS the signatures of (or of duly authorised officers of) the parties hereto:

# SCHEDULE

### The Patent Applications

Patent Office	Application No.	Filing Date	Mewburn Ellis Ref.
USA	61/647,200	15 May 2012	WJW/LP6809669
WO	PCT/GB2013/051233	13 May 2013	WJW/LP6894927
****			

WJW/LP6894927 CHK1-S2-PCT Page 3 of 6

SIGNED by IAN COLLINS on (date): at (city, country): in the presence of (Witness); Signature: Name: Address:	· •
SIGNED by <b>THOMAS PETER <u>MATTHEWS</u></b>	) Signature:
in the presence of (Witness): Signature: Name: Address:	
SIGNED by <b>TATIANA <u>FARIA DA</u></b> <u>FONSECA MCHARDY</u>	) )
on (date): at (city, country): in the presence of (Witness):	, , , , , , , , , , , , , , , , , , , ,
Signature:	

Page 4 of 6

SIGNED by JAMES OSBORNE on (date): at (city, country): in the presence of (Witness): Signature: Name: Address:	
SIGNED by MICHAEL LAINCHBURY	L. M.L.
on (date): 10 106/13 at (city, country): HARLEW, UK in the presence of (Witness): Signature	The state of the s
Name: Gilliam I. Seviald.  Address: 78, 780 mail Close  Bishops strespord  HERTS CH23 LIEM.	
SIGNED by <b>MICHAEL IAN <u>WALTON</u></b>	``
on (date):	) Signature:
at (city, country):	•
in the presence of (Witness):	,
Signature:	
Name:	
Address:	

Page 5 of 6

SIGNED by MICHELLE DAWN GARRETT on (date): at (city, country): in the presence of (Witness): Signature: Name: Address:	) Signature:
SIGNED for and on behalf of INSTITUTE OF CANCER RESEARCH: ROYAL CANCER HOSPITAL (THE) on (date): at (city, country): in the presence of (Witness): Signature: Name: Address:	) ) Signature: ) Name: ANGELA <u>KUKULA</u> ) Position: DIRECTOR OF ENTERPRISE
SIGNED for and on behalf of CANCER RESEARCH TECHNOLOGY LIMITED on (date): at (city, country): in the presence of (Witness): Signature: Name: Address:	) ) Signature: ) Name: KEITH BLUNDY ) Position: CHIEF EXECUTIVE OFFICER

Page 6 of 6



# ASSIGNMENT OF INVENTION AND RELATED INTELLECTUAL PROPERTY RIGHTS

# Parties:

# 1 "The inventors"

# IAN COLLINS

of: The Institute of Cancer Research, 15 Cotswold Road, Sutton, Surrey, SM2 5NG, United Kingdom.

# THOMAS PETER MATTHEWS

of: The Institute of Cancer Research, 15 Cotswold Road, Sutton, Surrey, SM2 5NG, United Kingdom.

# TATIANA <u>FARIA DA FONSECA MCHARDY</u>

of: The Institute of Cancer Research, 15 Cotswold Road, Sutton, Surrey, SM2 5NG, United Kingdom.

# **JAMES OSBORNE**

of: Biofocus, Chesterford Research Park, Chesterford Park, Saffron Walden, Essex, CB10 1XL, United Kingdom.

# MICHAEL LAINCHBURY

of: Argenta Discovery 2009 Limited, 8-9 Spire Green Centre, Flex Meadow, Harlow, Essex, CM19 5TR, United Kingdom.

# MICHAEL IAN WALTON

of: The Institute of Cancer Research, 15 Cotswold Road, Sutton, Surrey, SM2 5NG, United Kingdom.

# MICHELLE DAWN GARRETT

of: The Institute of Cancer Research, 15 Colswold Road, Sutton, Surrey, SM2 5NG, United Kingdom.

# 2 '1CR'

# INSTITUTE OF CANCER RESEARCH: ROYAL CANCER HOSPITAL (THE) (Company No. 00534147, incorporated under the laws of England & Wales) of: 123 Old Brompton Road, London, SW7 3RP, United Kingdom.

# 3 'CRT'

# CANCER RESEARCH TECHNOLOGY LIMITED

(Company No. 01626049, incorporated under the laws of England & Wales) of: Angel Building, 407 St John Street, London, EC1V 4AD, United Kingdom.

WJW/LP6894927 CHK1-S2-PCT

Page 1 of 6

Assignment US 61/647,200 & PCT/GB2013/051233

# Recitals:

- (A) The Inventors are joint inventors of the invention or inventions entitled "5-[[4-[[Morpholin-2-yl]Methylamino]-5-(Trifluoromethyl)-2-Pyridyl]Amino]Pyrazine-2-Carbonitrile and Therapeutic Uses Thereof" (hereinafter referred to as "the Invention") for which United States patent application number 61/647,200 ("the Priority Application") and International patent application number PCT/GB2013/051233 ("the PCT Application"), as set out in the Schedule hereto, has been filed (the Priority Application and the PCT Application together with any subsequent applications being hereinafter referred to collectively as "the Patent Applications").
- (B) The Priority Application was filed in the name of the Inventors as required by US law.
- (C) The Inventors were at all relevant times employed by ICR and in accordance with the terms of their employment and the operation of the UK Patents Act 1977 all of those Inventors' rights in the Invention belong to ICR.
- (D) By an Agreement made between the Inventors, ICR, and CRT ("The Agreement") before the Priority Application was filed, it was agreed that all rights in the Invention and the Patent Applications will be solely owned by CRT.
- (E) To give effect to the Agreement and to facilitate the prosecution of the Patent Applications, the Inventors, ICR, and CRT have agreed to execute this assignment.

# Operative provisions:

- 1.1 In consideration for the payment of £1.00 by ICR to each of the Inventors, the receipt and sufficiency of which is hereby acknowledged, and to the extent that they have not already done so, the inventors hereby sell and assign to ICR, which accepts, absolutely and free from incumbrances, all of their respective rights in to and under the Invention and the Patent Applications.
- 1.2 In consideration for the payment of £1.00 by CRT to ICR, the receipt and sufficiency of which is hereby acknowledged, and to the extent that they have not already done so, ICR hereby sells and assigns to CRT, which accepts, absolutely and free from incumbrances, all of its respective rights in to and under the Invention and the Patent Applications arising from the contributions of the Inventors.
- 1.3 The rights assigned hereunder shall include without limitation:
- 1.3.1 all of their respective rights title and interest in all countries of the world in to and under the Invention and the Patent Applications and all national and regional phases thereof and any and all divisionals, continuations and continuations-in-part of any of the aforesaid applications and any and all patents that may be granted pursuant thereto for the full period thereof including any re-issues, re-examinations, renewals, extensions and Supplementary Protection Certificates and including all rights and powers arising or accrued therefrom including the right to sue for damages and other remedies in respect of any infringement of any such rights before on or after the date hereof and to retain any damages obtained as a result of such action;
- 1.3.2 all such rights as they may have to apply for prosecute and obtain patents and other intellectual property protection anywhere in the world in respect of the Invention to the intent that the grant of any patents or other intellectual property protection for the Invention shall be in the name of and shall vest in CRT or their respective successors or assigns;

WJW/LP6894927 CHK1-S2-PCT

Page 2 of 6

1.3.3 all such rights as they may have to claim priority from any and all of the Patent Applications in any and all applications for patent protection or other intellectual property protection for the Invention, such rights to be enjoyed by CRT as from the date of filing of any of the Patent Applications from which priority is claimed;

to the intent that CRT shall have and hold the rights title and interest hereby assigned as fully and entirely as the same would have been held and enjoyed by the Inventors and ICR had this assignment not been made.

- The Inventors, ICR, and CRT hereby GRANT the firm of Mewburn Ellis LLP the power to insert in the Schedule to this Assignment any further identification of any future patent applications in any countries or regions of the world which shall fall within the scope of clause 1 above, as may be necessary or desirable in order to comply with the rules of any Patent Office for recordation of this document.
- The Inventors and ICR hereby UNDERTAKE that at the request and cost of CRT or their successors or assigns they will at all times hereafter promptly do all such acts and execute all such documents (including but not limited to documents required to be signed by or on behalf of inventors in the course of any and all patent applications which relate to the Invention and any and all divisionals, continuations and continuations-in-part of any such applications) as may be reasonably necessary or desirable to secure the vesting in CRT or their successor or assigns of all rights title and interest assigned to CRT hereunder and to confirm the title of CRT or their successors or assigns to all such rights title and interest and to assist in the resolution of any question concerning the invention or any application for patent or other intellectual property protection for the invention or any intellectual property protection granted pursuant to any such application.
- The Inventors, ICR, and CRT hereby request the relevant authorities in all countries of the world to issue any patents granted for the invention in the name of CRT or their respective successors or assigns in accordance with this assignment.
- 5 This assignment and undertaking shall be binding upon the heirs, executors, administrators, successors and/or assigns of the Inventors and ICR and shall enure to the benefit of any heirs, executors, administrators, successors and/or assigns of CRT.

AS WITNESS the signatures of (or of duly authorised officers of) the parties hereto:

# SCHEDULE

# The Patent Applications

Patent Office	Application No.	Filing Date	Mewburn Ellis Ref.
USA	61/647,200	15 May 2012	WJW/LP6809669
WO	PCT/GB2013/051233	13 May 2013	WJW/LP6894927
***************************************		200000000000000000000000000000000000000	

WJW/LP6894927 CHK1-S2-PCT

Page 3 of 6

SIGNED by IAN COLLINS	)
	) Signature:
at (city, country):	) and the second of the second
in the presence of (Witness):	,
Signature:	
Name:	
Address:	
	Section 1997
SIGNED by THOMAS PETER MATTHEW	\$)
	) Signature:
at (city, country):	
in the presence of (Witness):	
Signature:	
Name:	
Address:	
SIGNED by TATIANA FARIA DA	)
FONSECA MCHARDY	)
on (date):	) Signature:
at (city, country):	)
in the presence of (Witness);	
Signature:	
Name:	
Address:	
	· · · · · · · · · · · · · · · · · · ·

Page 4 of 6

SIGNED by JAMES OSBORNE on (date): at (city, country): in the presence of (Witness): Signature: Name:	)
SIGNED by MICHAEL LAINCHBURY on (date): at (city, country): in the presence of (Witness): Signature: Name: Address:	) Signature:
SIGNED by MICHAEL IAN WALTON on (date): at (city, country): in the presence of (Witness): Signature: Name:	) Signature:)

Page 5 of 6

SIGNED by MICHELLE DAWN GARRETT on (date): at (city, country): in the presence of (Witness): Signature: Name: Address:	) Signature:
SIGNED for and on behalf of INSTITUTE OF CANCER RESEARCH: ROYAL CANCER HOSPITAL (THE) on (date): 0 7 JUN 2013 at (city, country): Landon, UK in the presence of (Witness): Signature: CFUT Name: CLIPASETH FUTTEX Address: IZJOLO BLOYPTON ROYC LONDON, UK	) ) Signature:
on (date):	) ) Signature: ) Name: <b>KEITH BLUNDY</b> ) Position: <b>CHIEF EXECUTIVE OFFICER</b>

Page 6 of 6



# ASSIGNMENT OF INVENTION AND RELATED INTELLECTUAL PROPERTY RIGHTS

# Parties:

#### 1 "The Inventors"

# IAN COLLINS

of: The Institute of Cancer Research, 15 Cotswold Road, Sutton, Surrey, SM2 5NG, United Kingdom.

# THOMAS PETER MATTHEWS

of: The Institute of Cancer Research, 15 Cotswold Road, Sutton, Surrey, SM2 5NG, United Kingdom.

## TATIANA FARIA DA FONSECA MCHARDY

of: The Institute of Cancer Research, 15 Cotswold Road, Sutton, Surrey, SM2 5NG, United Kingdom.

# JAMES OSBORNE

of: Biofocus, Chesterford Research Park, Chesterford Park, Saffron Walden, Essex, CB10 1XL, United Kingdom.

## MICHAEL LAINCHBURY

of: Argenta Discovery 2009 Limited, 8-9 Spire Green Centre, Flex Meadow, Harlow, Essex, CM19 5TR, United Kingdom.

#### MICHAEL IAN WALTON

of: The Institute of Cancer Research, 15 Cotswold Road, Sutton, Surrey, SM2 5NG, United Kingdom.

# MICHELLE DAWN GARRETT

of: The Institute of Cancer Research, 15 Cotswold Road, Sutton, Surrey, SM2 5NG, United Kingdom.

#### 2 'ICR'

# INSTITUTE OF CANCER RESEARCH: ROYAL CANCER HOSPITAL (THE) (Company No. 00534147, incorporated under the laws of England & Wales) of: 123 Old Brompton Road, London, SW7 3RP, United Kingdom.

# 3 'CRT'

# CANCER RESEARCH TECHNOLOGY LIMITED

(Company No. 01626049, incorporated under the laws of England & Wales) of: Angel Building, 407 St John Street, London, EC1V 4AD, United Kingdom.

WJW/LP6894927 CHK1-S2-PCT Page 1 of 6

Assignment US 61/647,200 & PCT/GB2013/051233

#### Recitals:

- (A) The Inventors are joint inventors of the invention or inventions entitled "5-[[4-[[Morpholin-2-y/]Methylamino]-5-(Trifluoromethyl)-2-Pyridyl]Amino]Pyrazine-2-Carbonitrile and Therapeutic Uses Thereof" (hereinafter referred to as "the Invention") for which United States patent application number 61/647,200 ("the Priority Application") and International patent application number PCT/GB2013/051233 ("the PCT Application"), as set out in the Schedule hereto, has been filed (the Priority Application and the PCT Application together with any subsequent applications being hereinafter referred to collectively as "the Patent Applications").
- (B) The Priority Application was filed in the name of the Inventors as required by US law.
- (C) The Inventors were at all relevant times employed by ICR and in accordance with the terms of their employment and the operation of the UK Patents Act 1977 all of those Inventors' rights in the Invention belong to ICR.
- (D) By an Agreement made between the Inventors, ICR, and CRT ("The Agreement") before the Priority Application was filed, it was agreed that all rights in the Invention and the Patent Applications will be solely owned by CRT.
- (E) To give effect to the Agreement and to facilitate the prosecution of the Patent Applications, the Inventors, ICR, and CRT have agreed to execute this assignment.

# Operative provisions:

- 1.1 In consideration for the payment of £1.00 by ICR to each of the Inventors, the receipt and sufficiency of which is hereby acknowledged, and to the extent that they have not already done so, the inventors hereby sell and assign to ICR, which accepts, absolutely and free from incumbrances, all of their respective rights in to and under the Invention and the Patent Applications.
- 1.2 In consideration for the payment of £1.00 by CRT to ICR, the receipt and sufficiency of which is hereby acknowledged, and to the extent that they have not already done so, ICR hereby sells and assigns to CRT, which accepts, absolutely and free from incumbrances, all of its respective rights in to and under the Invention and the Patent Applications arising from the contributions of the Inventors.
- 1.3 The rights assigned hereunder shall include without limitation:
- 1.3.1 all of their respective rights title and interest in all countries of the world in to and under the Invention and the Patent Applications and all national and regional phases thereof and any and all divisionals, continuations and continuations-in-part of any of the aforesaid applications and any and all patents that may be granted pursuant thereto for the full period thereof including any re-issues, re-examinations, renewals, extensions and Supplementary Protection Certificates and including all rights and powers arising or accrued therefrom including the right to sue for damages and other remedies in respect of any infringement of any such rights before on or after the date hereof and to retain any damages obtained as a result of such action;
- 1.3.2 all such rights as they may have to apply for prosecute and obtain patents and other intellectual property protection anywhere in the world in respect of the Invention to the intent that the grant of any patents or other intellectual property protection for the Invention shall be in the name of and shall vest in CRT or their respective successors or assigns;

WJW/LP6894927 CHK1-S2-PCT Page 2 of 6

Assignment US 61/647,200 & PCT/GB2013/051233

1.3.3 all such rights as they may have to claim priority from any and all of the Patent Applications in any and all applications for patent protection or other intellectual property protection for the Invention, such rights to be enjoyed by CRT as from the date of filing of any of the Patent Applications from which priority is claimed;

to the intent that CRT shall have and hold the rights title and interest hereby assigned as fully and entirely as the same would have been held and enjoyed by the Inventors and ICR had this assignment not been made.

- The Inventors, ICR, and CRT hereby GRANT the firm of Mewburn Ellis LLP the power to insert in the Schedule to this Assignment any further identification of any future patent applications in any countries or regions of the world which shall fall within the scope of clause 1 above, as may be necessary or desirable in order to comply with the rules of any Patent Office for recordation of this document.
- The Inventors and ICR hereby UNDERTAKE that at the request and cost of CRT or their successors or assigns they will at all times hereafter promptly do all such acts and execute all such documents (including but not limited to documents required to be signed by or on behalf of inventors in the course of any and all patent applications which relate to the Invention and any and all divisionals, continuations and continuations-in-part of any such applications) as may be reasonably necessary or desirable to secure the vesting in CRT or their successor or assigns of all rights title and interest assigned to CRT hereunder and to confirm the title of CRT or their successors or assigns to all such rights title and interest and to assist in the resolution of any question concerning the Invention or any application for patent or other intellectual property protection for the Invention or any intellectual property protection granted pursuant to any such application.
- The Inventors, ICR, and CRT hereby request the relevant authorities in all countries of the world to issue any patents granted for the Invention in the name of CRT or their respective successors or assigns in accordance with this assignment.
- 5 This assignment and undertaking shall be binding upon the heirs, executors, administrators, successors and/or assigns of the Inventors and ICR and shall enure to the benefit of any heirs, executors, administrators, successors and/or assigns of CRT.

AS WITNESS the signatures of (or of duly authorised officers of) the parties hereto:

# SCHEDULE

#### The Patent Applications

Patent Office	Application No.	Filing Date	Mewburn Ellis Ref.
USA	61/647,200	15 May 2012	WJW/LP6809669
WO	PCT/GB2013/051233	13 May 2013	WJW/LP6894927
iiiiiiii			•
***************************************			

WJW/LP6894927 CHK1-S2-PCT Page 3 of 6

SIGNED by IAN COLLINS on (date): at (city, country): in the presence of (Witness): Signature: Name: Address:	
SIGNED by <b>THOMAS PETER <u>MATTHEW</u></b> on (date): at (city, country):	) Signature: :::::::::::::::::::::::::::::::::::
in the presence of (Witness): Signature: Name: Address:	
SIGNED by TATIANA FARIA DA	)
FONSECA MCHARDY	<b>)</b>
on (date):	) Signature:
at (city, country):	)
in the presence of (Witness):	
Signature:	₩ Distriction
Name:	
Address:	

Page 4 of 6

SIGNED by JAMES OSBORNE on (date): at (city, country): in the presence of (Witness): Signature: Name:	) Signature:
at (city, country): in the presence of (Witness): Signature: Name: Address:	) Signature:
SIGNED by MICHAEL IAN WALTON on (date): at (city, country): in the presence of (Witness): Signature: Name: Address:	) ) Signature:

Page 5 of 6

SIGNED by MICHELLE DAWN GARRETT on (date): at (city, country): in the presence of (Witness): Signature: Name: Address:	) Signature:
SIGNED for and on behalf of INSTITUTE OF CANCER RESEARCH: ROYAL CANCER HOSPITAL (THE) on (date): at (city, country): in the presence of (Witness): Signature: Name:	) ) Signature: ) Name: ANGELA KUKULA ) Position: DIRECTOR OF ENTERPRISE
SIGNED for and on behalf of  CANCER RESEARCH TECHNOLOGY  LIMITED  on (date): 27 June 2013  at (city, country): LONDON, MK.  in the presence of (Witness):  Signature: June 2013  Name: TANREL JONATHAN WA  Address: ANGEL BUILDING, GOT  WHN ST, LONDON, ECIVE	57

**RECORDED: 10/23/2014** 

Page 6 of 6