

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT2853359

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
FUJITSU LIMITED	04/09/2014
RECEIVING PARTY DATA	
Name:	APTA BIOSCIENCES LTD
Street Address:	THE ELMS COURTYARD
Internal Address:	BROMESBERROW
City:	LEDBURY
State/Country:	UNITED KINGDOM
Postal Code:	HR8 1RZ
PROPERTY NUMBERS Total: 5	
Property Type	Number
Patent Number:	8288516
Application Number:	13599522
Patent Number:	7910726
Patent Number:	8299225
Application Number:	12713857
CORRESPONDENCE DATA	
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NAME OF SUBMITTER:	STEPHEN G. ADRIAN
SIGNATURE:	/Stephen G. Adrian/
DATE SIGNED:	05/13/2014
Total Attachments: 4	
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PATENT ASSIGNMENT

PATENT ASSIGNMENT dated

9th APRIL 2014

~~2013~~

BETWEEN:

- (1) FUJITSU LTD incorporated and registered in Japan whose registered office is at 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki 211-8588 Japan (**Assignor**); and
- (2) APTA BIOSCIENCES LTD incorporated and registered in England and Wales with company number 08489619 whose registered office is at The Elms Courtyard, Bromesberrow, Ledbury HR8 1RZ (**Assignee**).

together the 'parties'.

1. Interpretation

- 1.1 The definitions and rules of interpretation in this clause apply in this Assignment:

'Patents' means the patents and patent applications listed in the Schedule.

- 1.2 any phrase introduced by the terms 'including' or 'in particular', or any cognate expression, shall be construed as illustrative and not limiting of any preceding words.
- 1.3 a reference to a clause or a Schedule is a reference to a clause of or a Schedule to this Assignment.

2. Confirmatory Assignment

In accordance with the IP assignment agreement between the parties dated August 1st 2013, the Assignor hereby confirms the assignment to the Assignee of:

- (a) all rights in and to the Patents and the full benefit thereof;
- (b) the right to recover and take all such proceedings as may be necessary for the recovery of damages or otherwise in respect of all infringements of any of the Patents, whether committed before, on or after the date of this Assignment; and
- (c) the right to apply for, prosecute and obtain patent or similar protection worldwide for an invention embodied by any of the applications comprised in the Patents, including the right to claim priority from the Patents.

3. Further Assurance

The Assignor hereby covenants with the Assignee that the Assignor will, at Assignee's cost and expense, execute, sign and do all such instruments, applications, documents, acts and things as may reasonably be required by the Assignee to enable the Assignee or its nominee to enjoy the full unhindered benefit of the rights hereby assigned.

4. Governing Law and Jurisdiction

This Assignment and any dispute or claim (whether contractual or otherwise) arising out of or in connection with it or its subject matter, shall be governed by and construed in accordance with Japanese law and the parties submit to the non-exclusive jurisdiction of the Japanese courts.

SCHEDULE

PATENTS

Country	Title	Application ID (Date)	Publication ID (Date)	Patent ID (Date)
JP	Functional Molecule and Process for Producing the Same	2003-576617 (2003/3/14)	2003-878623 (2003/9/25)	JP 3,978,187 (2007/6/29)
US	Functional Molecule and Process for Producing the Same	JP03/03087 (2003/03/14) CA10/943150 (2004/09/17)	2005/0130195 (2005/06/16)	US 7,517,646 (2009/04/14)
UK	Functional Molecule and Process for Producing the Same	03708622/0 (2003/03/14)	EP1489171 (2004/12/22)	EP1489171B
DE	Functional Molecule and Process for Producing the Same	03708622/0 (2003/03/14)	EP1489171 (2004/12/22)	EP1489171B
FR	Functional Molecule and Process for Producing the Same	03708622/0 (2003/03/14)	EP1489171 (2004/12/22)	EP1489171B
JP	Structure Determining Method of Functional Substance and Method for Producing Functional Substance	2005-35875 (2005/2/14)	2006-217882 (2006/8/24)	JP 4,425,154 (2009/12/18)
US	Structure Determining Method of Functional Substance and Method for Producing Functional Substance	11/261750 (2005/10/31)	2006/0183135 (2006/08/17)	US 7,951,533 (2011/05/31)
JP	Nucleotide Oligomer, Nucleotide Polymer, Method for Determining Structure of Functional Substance and Method for Manufacture	2005-35865 (2005/2/14)	2006-217881 (2006/8/24)	JP 4,344,330 (2009/7/17)
US	Nucleotide Oligomer, Nucleotide Polymer, Method for Determining Structure of Functional Substance and Method for Manufacture	11/352197 (2006/02/13)	2008/0300393 (2008/12/04)	US 7,759,473 (2010/7/20)

JP	Amidite for Nucleic Acid Synthesis and Nucleic acid Synthesizing Method	2007-576 (2007/1/5)	2008-162992 (2008/7/17)	JP 5,076,504
US	Amidite for Nucleic Acid Synthesis and Nucleic acid Synthesizing Method	11/987168 (2007/11/28)	2008-0167459 (2008/7/19)	US 7,723,495 (2010/5/25)
JP	Functional Molecule and Manufacturing Method Therefor	2007-64602 (2007/3/14)	2007-289153 (2007/11/8)	JP 4,984,990
US	Functional Molecule and Manufacturing Method Therefor	12/929359 (2011/01/19)	2011/0151510 (2011/06/23)	
JP	Resin for Compound Synthesis	2007-41150 (2007/2/21)	2008-201742 (2008/9/4)	JP 5,109,402
JP	Functional Molecule and Manufacturing Method Therefor	2007-69378 (2007/3/16)	2008-230985 (2008/10/2)	
US	Functional Molecule and Manufacturing Method Therefor	12/049825 (2008/3/17)	2009/0053710 (2009/02/26)	8,288,516
US Div of 12/049825		13/599,552 (30 Aug 12)	2013/0017973 (17 Jan 2013)	
US	Nucleic Acid Synthesizing Dimer Amidite and Nucleic Acid Synthesizing Method	12/713857 (2010/02/26)	2010/0197902 (2010/08/05)	
JP	Amidite for Synthesizing Modified Nucleic Acid and Method for Synthesizing Modified Nucleic Acid	2007-230730 (2007/9/5)	2009-62307 (2009/3/26)	JP 4,499,141 (2010/4/23)
US	Amidite for Synthesizing Modified Nucleic Acid and Method for Synthesizing Modified Nucleic Acid	12/181459 (2008/07/29)	2009/0062521 (2009/03/05)	US 7,910,726 (2011/3/22)
US	Amidite for Synthesizing Modified Nucleic Acid and Method for Synthesizing Modified Nucleic Acid	12/902758 (2010/10/12)	2011/0092685 (2011/04/21)	US 8,299,225
JP	Resin for Compound Synthesis with Linker that can be Cut under Neutral Condition	2008-8384 (2008/1/17)	2009-165422 (2009/7/30)	JP 5,365,005
JP	Nucleic Acid Synthesizing Dimer Amidite and Nucleic Acid Synthesizing Method	2009-530051 (2008/ 8/18)	2009-828345 (2009/ 3/ 5)	JP 5,195,757

JP	Protecting Group for Indole Group, Nucleic Acid-Synthesizing Amidite and Nucleic Acid-Synthesizing Method	2009-262124 (2009/11/17)	2011-105641 (2011/ 6/ 2)	
US	Protecting Group for Indole Group, Nucleic Acid-Synthesizing Amidite and Nucleic Acid-Synthesizing Method	12/950836 (2010/11/19)	2011-0118455 (2011/05/19)	

Signed by ,

Kazuo Kurihara

Kazuo KURIHARA

Vice President, Intellectual Property and Standards Strategy Division

for and on behalf of)

FUJITSU LTD)

Signed by •,)

Patricia E. Jones

for and on behalf of)

APTA BIOSCIENCES LTD)