

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3107497

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JOHNSON & JOHNSON RESEARCH PTY LTD	06/29/2012
RECEIVING PARTY DATA	
Name:	Speedx Pty Ltd
Street Address:	Suite 212B, National Innovation Centre
Internal Address:	Australian Technology Park, 4 Cornwallis Street
City:	Eveleigh, New South Wales
State/Country:	AUSTRALIA
Postal Code:	2015
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13741895
CORRESPONDENCE DATA	
Fax Number:	(704)444-1111
<i>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.</i>	
Phone:	6508382000
Email:	raquel.west@alston.com
Correspondent Name:	ALSTON & BIRD LLP
Address Line 1:	BANK OF AMERICA PLAZA
Address Line 2:	101 SOUTH TRYON STREET, SUITE 4000
Address Line 4:	CHARLOTTE, NORTH CAROLINA 28280-4000
ATTORNEY DOCKET NUMBER:	048501-428664
NAME OF SUBMITTER:	JOE LIEBESCHUETZ
SIGNATURE:	/Joe LIEBESCHUETZ/
DATE SIGNED:	11/13/2014
Total Attachments: 8	
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DEED OF ASSIGNMENT

THIS DEED made the 29th day of JUNE 2012

PARTIES Johnson & Johnson Research Pty Ltd (ACN 003 328 176) of 45 Jones Street, Ultimo, NSW 2007, Australia ("Assignor")

AND Speedx Pty Ltd (ACN 135 095 886) of Suite 212B, National Innovation Centre, Australian Technology Park, 4 Cornwallis Street, Eveleigh, NSW, 2015, Australia ("Assignee")

RECITALS

- A. Assignor owns or owned the inventions (**Inventions**) described in the patents and patent applications set out in the Schedule.
- B. Pursuant to three written agreements between the parties dated 19 November 2010, Assignor assigned to Assignee certain Intellectual Property forming part of the Assigned IP.
- C. Assignor now wishes to confirm and to the extent not already assigned, assign to Assignee its entire right, title and interest in or related to the Assigned IP on the terms and conditions of this Deed.

WITNESSES

1. DEFINITIONS

Assigned IP means the Patent Rights and all Intellectual Property in the Inventions and Technical Information.

Intellectual Property means all means statutory and other proprietary rights in respect of copyright and neighbouring rights; all rights in relation to inventions, patents, plant varieties, registered and unregistered trade marks, registered and unregistered designs, circuit layouts and rights to require information be kept confidential, but does not include moral rights that are not transferable.

Patent Rights means:

- (a) the patents and patent applications described in the Schedule;
- (b) all patent applications that are based on, or claim priority from, or are divided from or are continuations of or additions to, the patents and patent applications referred to in paragraph (a); and
- (c) all patents which may be granted pursuant to any of the patent applications referred to in paragraphs (a) and (b).

Technical Information means information, including drawings, specifications, designs, test results, and other technical information or data relating to the Inventions, and any material form in which the above materials or information are contained or embodied, or from which they can be reproduced.

2. CONFIRMATION AND ASSIGNMENT

- 2.1 Assignor wishes to confirm and to the extent not already effected by its previous assignment, in consideration for the sum of A\$1.00 and other good and valuable consideration (receipt and sufficiency of which are hereby acknowledged by Assignor), hereby assign to Assignee its entire right, title and interest (legal and beneficial) in the Assigned IP with effect from the date of execution of this Deed.
- 2.2 The assignment in clause 2.1 includes without limitation:
- (a) the right to apply for any form of protection for the Assigned IP;
 - (b) the right to use or commercially exploit the Assigned IP; and
 - (c) the right to sue for damages and all other remedies in respect of any infringement of the Assigned IP which may have occurred before the date of this Deed.

3. FURTHER ASSURANCES

The Assignor agrees:

- (a) upon request of Assignee, to do everything reasonably necessary to give effect to this Deed and to facilitate the transactions contemplated by it, including, but not limited to, the execution of confirmations of assignment in favour of a successor in title of Assignee;
- (b) (to the extent legally and practically possible) to execute documents and give evidence required for the prosecution of applications within the Patent Rights, the defence of oppositions to such applications, the enforcement of Patent Rights and the defence of the validity of Patent Rights; and
- (c) to make available at Assignee's expense any information, books and records in its possession or control reasonably required for the prosecution of applications within the Patent Rights, the enforcement of Patent Rights and the defence of the validity of Patent Rights.

4. WARRANTIES

Assignor warrants that:

- (a) it has the right to make the assignment in clause 2 of this Deed and such assignment does not place it in breach of any contract, arrangements or understanding with any third party;
- (b) it has not executed, and will not execute any deed, agreement or other document or otherwise granted any right or interest to any person in conflict with this Deed;
- (c) as at the date of this Deed there is no mortgage, charge, lien, pledge or other security interest in relation to the Inventions or the Assigned IP; and
- (d) no claim or demand has been asserted by any third party and no litigation is pending in respect of the Inventions or Assigned IP.

5. AUTHORITY

Assignor authorises Assignee to file and prosecute applications for patent or other protection for the Inventions in the name of Assignor if required by the laws of any country. Assignor agrees and acknowledges that any application filed in the name of

Assignor in relation to the Invention is solely for the benefit of Assignee and Assignor acquires no right, title or interest in or to such application.

6. GENERAL

- 6.1 No amendment to this Deed will be effective unless it is in writing signed by all parties.
- 6.2 This Deed may be executed in any number of counterparts. All counterparts taken together will be taken to constitute one document. An executed counterpart may be delivered by facsimile or other electronic means.
- 6.3 Assignee will pay to Assignor all taxes or imposts in the nature of goods and services tax ("GST") as may be assessed from time to time in connection with the assignment of the Assigned IP pursuant to relevant legislation upon receipt of a valid tax invoice.
- 6.4 The following rules of interpretation apply unless the context requires otherwise:
- (a) Headings are for convenience only and do not affect interpretation.
 - (b) The singular includes the plural and conversely.
 - (c) A reference to any party to this Deed or any other deed or document includes the party's successors and permitted assigns.
 - (d) This Deed or any part of it is not to be construed against a party because that party drafted or proposed it.
- 6.5 This Deed is governed by the laws of New South Wales, Australia and the parties submit to the non-exclusive jurisdiction of the courts of that State.

[Next page is the execution page.]

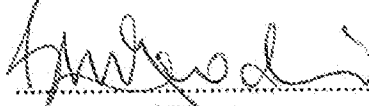
EXECUTED AS A DEED

Executed as a deed by)
Johnson & Johnson Research Pty Ltd)
in accordance with)
s127 of the *Corporations Act 2001 (Cth)*)

(Common Seal - optional)


.....
Signature of Director/Secretary

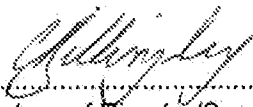
RODNEY ALAN WHITTINGTON
.....
Name of Director/Secretary


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Signature of Director

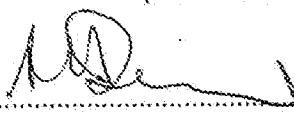
BRUCE MICHAEL GOODWIN
.....
Name of Director

Executed as a deed by)
SpeeDx Pty Ltd)
in accordance with)
s127 of the *Corporations Act 2001 (Cth)*)

(Common Seal - optional)


.....
Signature of Director/Secretary

Cameron Billingsley
.....
Name of Director/Secretary


.....
Signature of Director

ANDREW DEAVER
.....
Name of Director

SCHEDULE

Patent Rights

Patent/ Application No.	Filing Date	Title	Country/Type
PCT/IB99/00754 WO 1999/45146	22 Feb 1999	Zymogenic nucleic acid detection methods, and related molecules and kits	PCT
2000-534677 or 534677/2000	22 Feb 1999	Zymogenic nucleic acid detection methods, and related molecules and kits	Japan
138126	22 Feb 1999	Zymogenic nucleic acid detection methods, and related molecules and kits	Israel
09/253955	22 Feb 1999	Zymogenic nucleic acid detection methods, and related molecules and kits	USA
09/637405	11 Aug 2000	Zymogenic nucleic acid detection methods, and related molecules and kits	USA
09/746985	21 Dec 2000	Zymogenic nucleic acid detection methods, and related molecules and kits	USA
PCT/IB99/00848 WO 1999/050462	27 Mar 1998	Catalytic nucleic acid-based diagnostic methods	PCT
136443	16 Mar 1999	Catalytic nucleic acid-based diagnostic methods	Israel
09/270140	16 Mar 1999	Catalytic nucleic acid-based diagnostic methods	USA
PCT/AU2004/000900 WO 2005/003381	5 Jul 2004	Method for detection of alkylated cytosine in DNA	PCT
2004254289	5 Jul 2005	Method for detection of alkylated cytosine in DNA	Australia
2530506	5 Jul 2005	Method for detection of alkylated cytosine in DNA	Canada
04737521.7	5 Jul 2004	Method for detection of alkylated cytosine in DNA	Austria
04737521.7	5 Jul 2004	Method for detection of alkylated cytosine in DNA	Belgium
04737521.7	5 Jul 2004	Method for detection of alkylated cytosine in DNA	Switzerland
04737521.7	5 Jul 2004	Method for detection of alkylated cytosine in DNA	Great Britain
04737521.7	5 Jul 2004	Method for detection of alkylated cytosine in DNA	France
04737521.7	5 Jul 2004	Method for detection of alkylated cytosine in DNA	Germany
04737521.7	5 Jul 2004	Method for detection of alkylated cytosine in DNA	Netherlands

Patent/ Application No.	Filing Date	Title	Country/Type
2006-515563 (pub # 2007-507203)	5 Jul 2004	Method for detection of alkylated cytosine in DNA	Japan
10/563195	3 Apr 2006	Method for detection of alkylated cytosine in DNA	USA
PCT/AU2006/001473 WO 2007/041774	6 Oct 2006	Multicomponent nucleic acid enzymes	PCT
2006302729	6 Oct 2006	Multicomponent nucleic acid enzymes	Australia
2011202017 (div)	6 Oct 2006	Multicomponent nucleic acid enzymes	Australia
PI0616466-8	6 Oct 2006	Multicomponent nucleic acid enzymes	Brazil
2625263	6 Oct 2006	Multicomponent nucleic acid enzymes	Canada
200680045926.6	6 Oct 2006	Multicomponent nucleic acid enzymes	China
06790343.5	6 Oct 2006	Multicomponent nucleic acid enzymes	Denmark
06790343.5	6 Oct 2006	Multicomponent nucleic acid enzymes	Great Britain
06790343.5	6 Oct 2006	Multicomponent nucleic acid enzymes	France
06790343.5	6 Oct 2006	Multicomponent nucleic acid enzymes	Germany
06790343.5	6 Oct 2006	Multicomponent nucleic acid enzymes	Ireland
06790343.5	6 Oct 2006	Multicomponent nucleic acid enzymes	Italy
06790343.5	6 Oct 2006	Multicomponent nucleic acid enzymes	Netherlands
06790343.5	6 Oct 2006	Multicomponent nucleic acid enzymes	Spain
06790343.5	6 Oct 2006	Multicomponent nucleic acid enzymes	Sweden
06790343.5	6 Oct 2006	Multicomponent nucleic acid enzymes	Switzerland
06790343.5	6 Oct 2006	Multicomponent nucleic acid enzymes	Turkey
11167771.2, (pub # EP2385141)	6 Oct 2006	Multicomponent nucleic acid enzymes	Europe
08111179.2	6 Oct 2006	Multicomponent nucleic acid enzymes	Hong Kong
190501	6 Oct 2006	Multicomponent nucleic acid enzymes	Israel
02270/CHENP/2008	6 Oct 2006	Multicomponent nucleic acid enzymes	India
2008-533829	6 Oct 2006	Multicomponent nucleic acid enzymes	Japan
10-2008-7010332	6 Oct 2006	Multicomponent nucleic acid enzymes	Korea
MX/a/2008/004039	6 Oct 2006	Multicomponent nucleic acid enzymes	Mexico
567403	6 Oct 2006	Multicomponent nucleic acid enzymes	New Zealand
200802640-3	6 Oct 2006	Multicomponent nucleic acid enzymes	Singapore
11/544926 (pub # 20070231810)	6 Oct 2006	Multicomponent nucleic acid enzymes	USA
11/697021	6 Oct 2006	Multicomponent nucleic acid enzymes	USA
2008/02937	6 Oct 2006	Multicomponent nucleic acid enzymes	South Africa
PCT/AU2007/001517 WO 2008/040095 A1	5 Oct 2007	Molecular switches and methods for their use	PCT

Patent/ Application No.	Filing Date	Title	Country/Type
2007304837	6 Oct 2006	Molecular switches and methods for their use	Australia
PI0718137-0	5 Oct 2007	Molecular switches and methods for their use	Brazil
2663164	6 Oct 2007	Molecular switches and methods for their use	Canada
200780037345.2	7 Oct 2007	Molecular switches and methods for their use	China
07815323.6	8 Oct 2007	Molecular switches and methods for their use	Europe
09105716.3	9 Oct 2007	Molecular switches and methods for their use	Hong Kong
197543	10 Oct 2007	Molecular switches and methods for their use	Israel
2468/CHENP/2009	11 Oct 2007	Molecular switches and methods for their use	India
2009-530739 (pub # 2010-505394)	12 Oct 2007	Molecular switches and methods for their use	Japan
10-2009-7009384	13 Oct 2007	Molecular switches and methods for their use	South Korea
MX/a/09/003193	14 Oct 2007	Molecular switches and methods for their use	Mexico
575802	15 Oct 2007	Molecular switches and methods for their use	New Zealand
200901779-9	16 Oct 2007	Molecular switches and methods for their use	Singapore
12/442275 (pub # 20100136536)	17 Oct 2007	Molecular switches and methods for their use	USA
2009/01742	5 Oct 2007	Molecular switches and methods for their use	South Africa
PCT/AU2008/000492 WO 2008/122084	4 Apr 2008	Nucleic acid enzymes and complexes and methods for their use	PCT
2008235258	4 Apr 2008	Nucleic acid enzymes and complexes and methods for their use	Australia
PI 0809964-2	4 Apr 2008	Nucleic acid enzymes and complexes and methods for their use	Brazil
2682612	4 Apr 2008	Nucleic acid enzymes and complexes and methods for their use	Canada
20880018552.8	4 Apr 2008	Nucleic acid enzymes and complexes and methods for their use	China
08733324.1	4 Apr 2008	Nucleic acid enzymes and complexes and methods for their use	Europe
10101389.5	4 Apr 2008	Nucleic acid enzymes and complexes and methods for their use	Hong Kong
201420	4 Apr 2008	Nucleic acid enzymes and complexes and methods for their use	Israel
06261/CHENP/09	4 Apr 2008	Nucleic acid enzymes and complexes and methods for their use	India
2010-501333	4 Apr 2008	Nucleic acid enzymes and complexes and methods for their use	Japan
10-2009-7023190	4 Apr 2008	Nucleic acid enzymes and complexes and methods for their use	Korea
MX/a/09/010710	4 Apr 2008	Nucleic acid enzymes and complexes and methods for their use	Mexico

Patent/ Application No.	Filing Date	Title	Country/Type
580129	4 Apr 2008	Nucleic acid enzymes and complexes and methods for their use	New Zealand
200906638-2	4 Apr 2008	Nucleic acid enzymes and complexes and methods for their use	Singapore
12/594656 (pub # 20110143338)	4 Apr 2008	Nucleic acid enzymes and complexes and methods for their use	USA
11/697,021 (CIP of 11/544926 -- TOD9-US)	4 Apr 2008	Nucleic acid enzymes and complexes and methods for their use	USA
2009/07781	4 Apr 2008	Nucleic acid enzymes and complexes and methods for their use	South Africa
97112521	4 Apr 2008	Nucleic acid enzymes and complexes and methods for their use	Taiwan