PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
UTE GEIGENMULLER	05/18/2015
DORIS DAMIAN	06/18/2015
MACIEJ PACULA	05/19/2015
MARK A. DEPRISTO	06/02/2015

RECEIVING PARTY DATA

Name:	SYNAPDX CORPORATION
Street Address:	FOUR HARTWELL PLACE
City:	LEXINGTON
State/Country:	MASSACHUSETTS
Postal Code:	02421

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14633558

CORRESPONDENCE DATA

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CHOATE HALL & STEWART LLP-PATENT DOCKET **Correspondent Name:**

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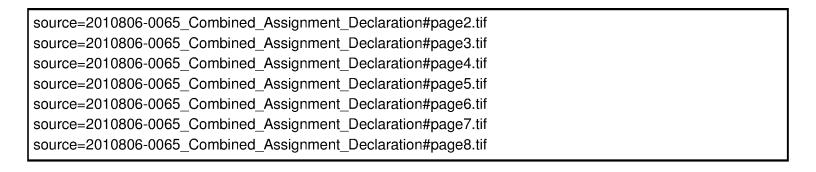
Address Line 4: BOSTON, MASSACHUSETTS 02110

ATTORNEY DOCKET NUMBER: 2010806-0065 SDX012US2T1	
NAME OF SUBMITTER:	ROBERT N. SAHR
SIGNATURE:	/Robert N. Sahr/
DATE SIGNED: 06/19/2015	
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 8

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PATENT REEL: 035936 FRAME: 0541 503358273



PATENT REEL: 035936 FRAME: 0542

Docket Number: 2010806-0065

COMBINED JOINT ASSIGNMENT & DECLARATION

A. ASSIGNMENT

WHEREAS, each of the below-named inventors whose name and residence is set forth in the following Table 1:

Inventor Name	City, State
1. Ute Geigenmuller	Lexington, Massachusetts
2. Doris Damian	Lexington, Massachusetts
3. Maciej Pacula	Lexington, Massachusetts
4. Mark A. DePristo	Lexington, Massachusetts

Table 1

hereby declares and agrees, on behalf of himself/herself and all of his/her successors and assigns that each is aware of the patent application(s) entitled:

METHODS AND SYSTEMS FOR DETERMINING AUTISM SPECTRUM DISORDER RISK; and

	prepared for filing in the United States Patent and	Trademark Office; or
filed	x identified by United States Application Serial No. in the United States Patent and Trademark Office on;	14/633,558 February 27, 2015 ; and
filed	identified by International Patent Application No. on; and	
	x and is also aware of the following priority applica	tions:

Filed	
September 22, 2014	
May 22, 2014	
April 11, 2014	

WHEREAS SynapDx Corporation (hereinafter "ASSIGNEE"), having a usual place of business at Four Hartwell Place, Lexington, Massachusetts 02421, desires to acquire or confirm an interest therein;

NOW, THEREFORE, to all whom it may concern be it known that, in consideration of agreements previously and duly entered into between the parties, and/or for other good and

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valuable consideration, the receipt of which is hereby acknowledged, each of us has sold, assigned, and transferred and/or do hereby sell, assign, and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, my entire right, title, and interest in and throughout the United States of America, its territories and all foreign countries, in and to any and all inventions described in the patent application, and/or any priority applications noted above, including any right of priority thereto; and hereby confirm that my sale, assignment and transfer is and was effective at least as of the filing date of the patent application and/or priority application. Our sale, assignment and transfer applies to the above-referenced patent application, and to any application that is based in whole or in part on the patent application, including any divisional, continuing, substitute, renewal, reissue, reexamination and other applications, for example that claim priority to the patent application. Also, this sale, assignment and transfer pertains to any and all other rights arising under or pursuant to any and all international agreements, treaties, or laws relating to the protection of industrial property, including all rights of priority under the International Convention for the Protection of Industrial Property, and in and to any such patent(s) as may issue thereon including any and all original and reissued patents which have been or shall be issued in the United States and foreign countries; said inventions, applications, and patent(s) to be held and enjoyed by ASSIGNEE for its own use and for its successors, assigns and legal representatives, to the full end of the term for which said patent(s) may be granted as fully and entirely as the same would have been held by each of us had this sale, assignment and transfer not been made;

AND, each of us hereby acknowledges that this Assignment, being of our entire right, title, and interest in and to the inventions, carries with it the right in ASSIGNEE, by attorneys and agents of ASSIGNEE selection, to apply for and receive any and all patent(s) for said inventions in its own name;

AND, each of us hereby further agrees for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the patent(s) to ASSIGNEE, its successors, assignees, and legal representatives, but at its expense and charges, including the execution of application for patents in foreign countries, the execution of substitution, reissue, divisional or continuation applications, and the giving of testimony, preliminary statements, or other statements in any interference or other proceeding in which the inventions or any applications or patents directed to the inventions may be involved by communicating to the ASSIGNEE all facts we know relating to the inventions and their history, and generally by doing everything possible which ASSIGNEE shall consider desirable for aiding in securing and maintaining proper patent protection for the inventions and for vesting title in the inventions and all applications for patent and all patents on the inventions in ASSIGNEE;

AND, each of us further hereby authorizes ASSIGNEE or its attorneys or agents to insert the correct serial number(s) and/or filing date(s) into this assignment document, if appropriate;

AND, each of us hereby appoints ASSIGNEE as our common agent for purposes of prosecuting international patent applications and any national patent applications for which such common agency is recognized;

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AND, each of us hereby requests the Commissioner for Patents of the United States Patent and Trademark Office to issue any and all patent(s) as shall be granted upon said application or applications based thereon to ASSIGNEE, its successors, assigns, and legal representatives;

AND, each of us covenants with said ASSIGNEE that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by us, and that full right to convey the same as herein expressed is possessed by us.

B. <u>DECLARATION (37 CFR 1.63)</u>

As below named inventors, we hereby declare that:

This declaration is directed to the patent application entitled:

METHODS AND SYSTEMS FOR DETERMINING AUTISM SPECTRUM DISORDER RISK; and

attached hereto or prepared for filing in the United Office; or	States Patent and Trademark
x identified by United States Application Serial No.	14/633,558
filed in the United States Patent and Trademark Office on	February 27, 2015; or
identified by International Patent Application No. filed on	
The above-identified application was made or authorize	ed to be made by us.
We believe that we are the original joint inventors application.	s of a claimed invention in the
We hereby acknowledge that any willful false states punishable under 18 U.S.C. 1001 by fine or imprisonment of	

We have reviewed and understand the contents of the application, including the claims and are aware of the duty to disclose to the United States Patent and Trademark Office all information known to be material to patentability as defined in 37 CFR 1.56.

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both.

(the highney	5/18/15
Name: Ute Geigenmüller	Date
Witness Signature:	
CARL BECKETT	5/18/2015
Name (please print):	Date
Witness Signature: MMM CAEGORY ICELLOCE	5/18/15-
Name (please print):	Date '

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6642205v1

2	6/18/15
Name: Doris Damian	Date
Witness Signature:	
AMIR HANOZEL)8 JUNE 2015
Name (please print):	Date
Witness Signature: Jack	6/18/ ZOIS
Name (please print):	Date

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Mouri Paula	5/19/2015
Name: Maciej Pacula	Date
Witness Signature:	
Witness Signature: Welffyn Desself J. Sopenso	5/19/15
Name (please print):	Date
Witness Signature:	3 1
Name (prease print) (+1) (1) Lap 10/11	$\frac{5 19 2015}{\text{Date}}$
Name (please print) Stanley Lapland	

Name: Mark A. DePristo	6-2-15 Date
Witness Signature: Kauth Tully DePn&O Kauthyn Tully DePn&Fo Name (please print):	<u>U</u> <u>A</u> 115 Date
Witness Signature: Judith & Mongin Name (please print):	6/2/2015 Date