

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3880915

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SABINE MAI	05/17/2016
MACOURA GADJI	05/12/2016
RECEIVING PARTY DATA	
Name:	3D SIGNATURES INC.
Street Address:	175 HARGRAVE STREET
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State/Country:	CANADA
Postal Code:	R3C 3R8
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	61566348
Application Number:	13692645
CORRESPONDENCE DATA	
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NAME OF SUBMITTER:	CARMELA DE LUCA
SIGNATURE:	/Carmela De Luca/
DATE SIGNED:	05/19/2016
Total Attachments: 8	
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CONFIRMATORY ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of all of which is hereby acknowledged,

Sabine MAI, whose full post office address is **331 Beaverbrook Street, Winnipeg, Manitoba, R3N 1M9, Canada**; **Hans KNECHT**, whose full post office address is **2316 Place du Village App. 345, Magog, Quebec, J1X 6G3, Canada**; **Macoura GADJI**, whose full post office address is **63 Islington Court, Winnipeg, Manitoba R2N 0G9, Canada**; **Tokunbo Ibikunle**, whose full post office address is **215 Valley Ridge Road, Haverford, PA 19041, United States**, successor and legal representative of **Ade OLUJOHUNGBE** who is now deceased; **Angeles GARCIA**, whose full post office address is **202 Main Street, Kingston, Ontario, K7K 5S3, Canada**; **Yvon E. CAYRE**, whose full post office address is **34 rue Laugier, Paris, 75017, France**; **Janine WECHSLER**, whose full post office address is **22 rue Duret, Paris, 75017, France**; **Sjoerd STALLINGA**, whose full post office address is **Witmolen 54, 2645 GK, Delfgauw, Netherlands**; **Ian T. YOUNG**, whose full post office address is **Park Vronesteyn 28, 2271 HS, Voorburg, Netherlands**; **Lucas J. VAN VLIET**, whose full post office address is **Mina Krusemanstraat 28, 3123 SJ Schiedam, Netherlands** and **Christiaan RIGHOLT**, whose full post office address is **230-20 Innsbruck Way, Winnipeg, Manitoba, R2P 1T2, Canada** (hereinafter "the Assignors"), are the inventors of one or more of inventions for which patent applications were filed as listed on Schedule A attached hereto (hereinafter "the Applications");

do hereby confirm we have sold and do hereby sell and assign, transfer and set over to

3D Signatures Inc., whose full post office address is **201 Portage Avenue, 18th Floor, Winnipeg, Manitoba, R3B 3K6, Canada** (hereinafter “the Assignee”) all their right, title and interest for the United States of America, Canada and all other countries in and to the said inventions and in and to any Letters Patent that may be obtained therefore, and in and to said applications, as fully described and claimed in the Patents and Applications listed in Schedule A, the Applications, and all related applications and patents thereon including any patents and applications derived therefrom, and in and to any divisions, continuations, continuations-in-part and extensions of the patents and patent applications and in the right to claim priority, including that provided by the International Convention for the Protection of Industrial Property, as amended, to any of the aforementioned applications, to be held and enjoyed by the Assignee, its assigns and successors, as fully and entirely as the same would have been held and enjoyed by them, had this Assignment not been made; and

The Assignors shall without further consideration do all such things and execute all such documents as may be necessary or desirable to obtain and maintain the Patents, and any related applications and patents thereon, in any and all countries and to vest title thereto in the Assignee, its successors, assigns and legal representatives or nominees.

The Assignee authorizes and empowers Bereskin & Parr LLP/S.E.N.C.R.L., s.r.l., whose complete address is Scotia Plaza, 40 King Street West, 40th Floor, Toronto, Ontario M5H 3Y2, to insert on this Assignment any further identification, to prepare any translation which may be necessary or desirable in order to comply with the rules for recordation of this document in any country and to correct any clerical error in this assignment.

The Commissioner of Patents & Trademarks is hereby authorized and requested to issue any Letters Patent for the Applications, and all related applications thereon, to the Assignee, for its sole use and benefit; and for the use

and benefit of its successors and assigns, to the full end of the term for which Letters Patent may be granted, as fully and entirely as the same would have been held by the Assignors had this Assignment and sale not been made.

If a provision of this Assignment is or becomes illegal, invalid or unenforceable in any jurisdiction, that shall not affect the validity or enforceability in that jurisdiction of any other provision of this Assignment, or the validity or enforceability in other jurisdictions of that or any other provision of this Assignment.

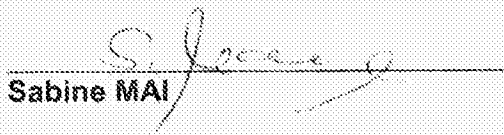
The Assignors hereby acknowledge that any willful false statement made in this assignment/declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

For the purpose of all legal proceedings this Assignment will be deemed to have been performed in the Province of Manitoba and will be governed by and construed in accordance with the laws of the Province of Manitoba and the laws of Canada applicable therein.

The Parties confirm their express wish that this Assignment be drawn up in the English language. *Les parties confirment leur volonté expresse que cette cession soit rédigée en langue anglaise.*

SIGNED AT Winnipeg, MB, this 17 day of May, 2016


Signature of Witness


Sabine MAI

SIGNED AT _____, _____, this__ day of ___, 2015.

Signature of Witness

Hans KNECHT

SIGNED AT _____, _____, this 12 day of May, 2015



Signature of Witness

Macoura GADJI

SIGNED AT _____, _____, this__ day of ___, 2015.

Signature of Witness

Legal representative of
Ade OLUJOHUNGBE

Name: Tokunbo Ibikunle

SIGNED AT _____, _____, this__ day of ___, 2015.

Signature of Witness

Angeles GARCIA

SIGNED AT _____, _____, this__ day of ____, 2015.

Signature of Witness

Yvon E. CAYRE

SIGNED AT _____, _____, this__ day of ____, 2015.

Signature of Witness

Janine WECHSLER

SIGNED AT _____, _____, this__ day of ____, 2015.

Signature of Witness

Sjoerd STALLINGA

SIGNED AT _____, _____, this__ day of ____, 2015.

Signature of Witness

Ian T. YOUNG

SIGNED AT _____, _____, this ___ day of ___, 2015.

Signature of Witness

Lucas J. VAN VLIET

SIGNED AT _____, _____, this ___ day of ___, 2015.

Signature of Witness

Christiaan RIGHOLT

Assignee Acceptance:

SIGNED AT Winnipeg MB, this 19 day of May 2015. 6542


Signature of Witness


3D Signatures Inc.

Name: Sherif Louis
Title: Manager, Patents & Grants

Schedule A

1. Title: Diagnostic Methods

Country	Filing Date	Application/Patent No.
U.S.A. Provisional	December 2, 2011	61/566,384 48
Canada	December 2, 2011	2,760,873
U.S.A.	December 3, 2012	13/692,645

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2 A. Title: METHODS FOR DIAGNOSING ALZHEIMER'S DISEASE

Country	Filing Date	Application/ Patent No.
U.S.A. Provisional	December 15, 2011	61/576,168
Canada	March 9, 2012	2,771,621
PCT	December 17, 2012	PCT/CA2012/001157
U.S.A.	December 17, 2012	14/365,141
Europe	December 17, 2012	12857141.1

2 B. METHODS FOR DIAGNOSING ALZHEIMER'S DISEASE

Country	Filing Date	Application/ Patent No.
U.S.A. Provisional	September 20, 2013	61/880,274
Canada	July 8, 2014	2,856,419
U.S.A.	September 20, 2014	14/491,996

3. Title: METHODS FOR CHARACTERIZING AND ISOLATING CIRCULATING TUMOR CELL SUBPOPULATIONS

Country	Filing Date	Application/ Patent No.
U.S.A. Provisional	April 24, 2012	61/637,692
Canada	April 24, 2012	2,775,315
U.S.A.	April 24, 2013	13/869,797

4. Title: METHODS FOR RAPID SEPARATION OF HEMATOLOGICAL DISORDER CELLS

Country	Filing Date	Application/ Patent No.
U.S.A.	June 3, 2013	61/830,398
PCT	June 3, 2014	PCT/CA2014/000479

4. Title: METHODS FOR ASSESSING CANCER CELLS USING GRANULOMETRY

Country	Filing Date	Application/ Patent No.
U.S.A. Provisional	September 11, 2014	62/049254