503254851 04/08/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS)	10/18/2014

RECEIVING PARTY DATA

Name:	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS)
Street Address:	3, RUE MICHEL-ANGE
City:	PARIS
State/Country:	FRANCE
Postal Code:	F-75016
Name:	ECOLE NORMALE SUPERIEURE
Street Address:	45 RUE D'ULM
City:	PARIS
State/Country:	FRANCE
Postal Code:	F-75005
Name:	UNIVERSITE PIERRE ET MARIE CURIE
Street Address:	4 PLACE JUSSIEU
City:	PARIS CEDEX 05
State/Country:	FRANCE
Postal Code:	75252

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13700109

CORRESPONDENCE DATA

Fax Number: (703)610-8686

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.

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PATENT 503254851 REEL: 035357 FRAME: 0197

Address Line 4: FREI	FREDERICK, MARYLAND 21701	
ATTORNEY DOCKET NUMBER:	2912956-074001	
NAME OF SUBMITTER:	JOSEPH J. SCHULLER, PH.D.	
SIGNATURE:	/Joseph J. Schuller/	
DATE SIGNED:	04/08/2015	

Total Attachments: 3

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PATENT REEL: 035357 FRAME: 0198

COMPANY TO COMPANY PATENT ASSIGNMENT

AMONG AND BETWEEN

CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) of Paris, France, whose principal business address is, 3, rue Michel Ange, F-75016 Paris, France; and

ECOLE NORMALE SUPERIEURE of **Paris, France**, whose principal business address is 45 rue d'Ulm, F-75005 Paris, France,

Hereinafter referred to herein as "ASSIGNORS"

and

- 1) CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) (34%) of Paris, France, whose principal business address is 3, rue Michel Ange, F-75016 Paris, France;
- 2) ECOLE NORMALE SUPERIEURE (33%) of Paris, France, whose principal business address is 45 rue d'Ulm, F-75005 Paris, France; and
- 3) UNIVERSITE PIERRE ET MARIE CURIE (33%) of Paris, France, whose principal business address is 4, place Jussieu, 75252 Paris cedex 05, France,

WHEREAS, 1, 2 and 3, collectively referred to herein as "ASSIGNEES"

WHEREAS, ASSIGNORS are the owners of the entire right, title, and interest in and to:

1) METHOD OF DNA SEQUENCING BY HYBRIDISATION

Assigned United States Application Number <u>13/700,109</u> and was filed on <u>February 11, 2013</u> (Confirmation No. <u>3596</u>) ("the '109 application"); and

2) METHOD OF DNA SEQUENCING BY POLYMERISATION

Assigned United States Application Number <u>13/700.115</u> and was filed on March 14, 2013 (Confirmation No. <u>6159</u>) ("the '115 application").

WHEREAS, ASSIGNORS are desirous of assigning a portion of their right, title, and interest identified above in the '109 and '115 applications, including any and all divisionals, continuations, and continuations-in-part and foreign counterparts of said applications, and any and all Letters Patents in the United States and all foreign countries, which are presently granted and which may be granted therefore

4814-3441-3340v1|2912956-074001

and thereon, and reissues, reexamination certificates, and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property; and

WHEREAS, ASSIGNEES are desirous of acquiring the right, title, and interest in and to the above identified percentages to the '109 and '115 applications, including any and all divisionals, continuations, and continuations-in-part and foreign counterparts of said applications, and any and all Letters Patents in the United States and all foreign countries, which are presently granted and which may be granted therefore and thereon, and reissues, reexamination certificates, and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property; and

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, ASSIGNORS have sold, assigned, transferred, and set over, and by these presents do hereby sell, assign, transfer, and set over, unto ASSIGNEES, their successors, legal representatives, and assigns, the entire right, title, and interest in the '109 and '115 applications, and in and to any and all divisionals, continuations, and continuations-in-part and foreign counterparts of said applications, and any and all Letters Patents in the United States and all foreign countries, which are presently granted and which may be granted therefore and thereon, and reissues, reexaminations, and extensions of said Letters Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by ASSIGNEES, for their own use and benefit and the use and benefit of their successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent are presently granted, and which may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by ASSIGNORS, had this sale and assignment not been made.

4814-3441-3340v1|2912956-074001

ASSIGNORS		
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE		
Authorized Signatory Signature:		
Authorized Signatory's Name: DIRE-PRETI DIRECTEUR ADJOINT		
Title of Authorized Signatory: Ludovic HAMON		
Date of Execution: 18 NFC. 2014		
ECOLE NORMALE SUPERIEURE Authorized Signatory Signature: MARC MEZAR DOGRAMES Title of Authorized Signatory: Date of Execution: February 19th, 2015		

4814-3441-3340v1|2912956-074001

RECORDED: 04/08/2015

Page 3 of 3