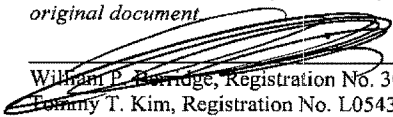


Mail Stop: Assignment Recordation Services Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450		RECORDATION FORM COVER SHEET PATENTS ONLY		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
				Attorney Docket No. 149598	
Please record the attached document.					
Total number of pages including cover sheet, attachments, and document: <u>9</u>					
1. A. Name of conveying parties: [1] Patrick BROYER [2] Agnes DUPONTFILLIARD [3] Massimo GALDIERO [4] Michel GUY [5] Hermanus Johannes Maria KREUWEL [6] Emiliano MAIONE [7] Emiel Gerebern Maria VERWIMP B. Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			2. A. Name and address of receiving party: BIOMERIEUX CHEMIN DE L'ORME, F-69280 MARCY L'ETOILE, FRANCE B. Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
3. A. Nature of conveyance: <input type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input checked="" type="checkbox"/> Other <u>Record to correct Assignor execution date on an assignment document previously recorded on August 1, 2011, reel 026687/frame 0982</u> B. Execution Date: <u>[1 & 4]-May 24, 2011;</u> <u>[2]-June 24, 2011; [3 & 6]-May 23, 2011;</u> <u>[5]-June 6, 2011; [7]-July 12, 2011</u>					
4. A. Patent Application No. <u>13/129,997</u>		B. Patent No.			
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
C. Title of Application: <u>AUTOMATED SYSTEM FOR THE LYSIS OF MICROORGANISMS PRESENT IN A SAMPLE, FOR EXTRACTION AND FOR PURIFICATION OF THE NUCLEIC ACIDS OF SAID MICROORGANISMS FOR PURPOSES OF ANALYSIS</u>					
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>William P. Berridge</u> Address: OLIFF & BERRIDGE, PLC P.O. Box 320850 Alexandria, VA 22320-4850 Phone Number: 703-836-6400 Fax Number: 703-836-2787			6. Total number of applications and patents involved: <u>1</u>		
			7. Please charge Deposit Account No. 15-0461 the total fee (37 CFR 3.41) in the amount of <u>\$40.00</u> .		
			8. Credit any overpayment or charge any underpayment to deposit account number 15-0461.		
9. Statement and signature. <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i>  _____ William P. Berridge, Registration No. 30,024 Tommy T. Kim, Registration No. L0543					
Date: <u>August 16, 2011</u>					

PATENT

700469559

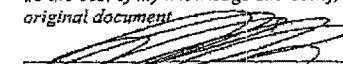
REEL: 026761 FRAME: 0916

USPTO 8/2/2011 9:08:55 PM PAGE 4/004 Fax Server
J:WILLIAM P. BERRIDGE COMPANY:OLIFF & BERRIDGE, PLC

08/01/2011 16:49 FAX 703 836 2787

OLIFF & BERRIDGE, PLC

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				Attorney Docket No. <u>149598</u>	
Please record the attached document.					
Total number of pages including cover sheet, attachments, and document: <u>6</u>					
1. A. Name of conveying parties: [1] Patrick BROYER [2] Agnes DUPONT/FILLIARD [3] Massimo GALDIERO [4] Michel GUY [5] Hermanus Johannes Maria KREUWEL [6] Emiliano MAIONE [7] Emiel Gerebern Maria VERWIMP B. Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			2. A. Name and address of receiving party: BIOMERIEUX CHEMIN DE L'ORME, F-69280 MARCY L'ETOILE, FRANCE B. Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
3. A. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ B. Execution Date: [1 & 4]-May 24, 2011; [2]-June 26, 2011; [3 & 6]-May 23, 2011; [5]-June 6, 2011; [7]-July 12, 2011					
4. A. Patent Application No. <u>13/129,997</u>		B. Patent No.			
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
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5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>William P. Berridge</u> Address: <u>OLIFF & BERRIDGE, PLC</u> <u>P.O. Box 320859</u> <u>Alexandria, VA 22320-4850</u> <u>Phone Number: 703-836-6400</u> <u>Fax Number: 703-836-2787</u>			6. Total number of applications and patents involved: <u>1</u>		
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9. Statement and signature. <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i>  _____ William P. Berridge, Registration No. 30,024 Tommy T. Kim, Registration No. L0543					
Date: <u>August 1, 2011</u>					

CH \$40.00 150461 13129997

ASSIGNMENT

Insert (1-8) Name(s) of Inventor(s)	(1) Patrick BROYER (2) Agnes DUPONTFILLIARD (3) Massimo GALDIERO (4) Michel GUY	(5) Hermanus Johannes Maria KREUWEL (6) Emiliano MAIONE (7) Emiel Gerebern Mariao VERWIMP (8)
-------------------------------------------	------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------

In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, each undersigned agrees to assign, and hereby does assign, transfer and set over to

(9) Insert Name of Assignee (10) Insert Address of Assignee	(9) BIOMERIEUX (10) Chemin de L'Orme, F-69280 Marcy L'Etoile, FRANCE
----------------------------------------------------------------	-------------------------------------------------------------------------

(hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, international, confirmation, substitute and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as

(11) Insert Identification such as Title, Case Number, or Foreign Application Number	(11) AUTOMATED SYSTEM FOR THE LYSIS OF MICROORGANISMS PRESENT IN A SAMPLE, FOR EXTRACTION AND FOR PURIFICATION OF THE NUCLEIC ACIDS OF SAID MICROORGANISMS FOR PURPOSES OF ANALYSIS (Attorney Docket No. 149598)
--------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

for which the undersigned has (have) executed an application for patent in the United States of America on even date herewith or

(12) Insert Date of Signing of Application	(12) on _____
-----------------------------------------------	---------------

(13) Alternative Identification for filed applications	(13) U.S. application Serial Number 13/129,997 filed May 18, 2011
--------------------------------------------------------------	----------------------------------------------------------------------

- 1) Each undersigned agrees to execute all papers necessary in connection with any application and any continuing, divisional or reissue applications for the invention, and any patent(s) issuing thereon, and also to execute separate assignments in connection with such applications and patents as the Assignee may deem necessary.
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- 4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignee.
- 5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all Letters Patents of the United States resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he has full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreements in conflict herewith, and agrees that this assignment is binding on him and his heirs, successors, assigns and legal representatives.
- 6) Each undersigned hereby grants the firm of OLIFF & BERRIDGE, PLC the power to insert on this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

1) 4) Date	May 24, 2011	Inventor Signature	<i>[Signature]</i> P. BROYER	(SEAL)
Date	May 24, 2011	Inventor Signature	<i>[Signature]</i> M. GUY	(SEAL)
Date	_____	Inventor Signature	_____	(SEAL)
Date	_____	Inventor Signature	_____	(SEAL)
Date	_____	Inventor Signature	_____	(SEAL)
Date	_____	Inventor Signature	_____	(SEAL)
Date	_____	Inventor Signature	_____	(SEAL)
Date	_____	Inventor Signature	_____	(SEAL)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date	May 24, 2011	Witness	<i>[Signature]</i> J. T. ...
Date	May 24, 2011	Witness	<i>[Signature]</i> S. Boyce

PATENT

ASSIGNMENT

Insert (1-8) Name(s) of Inventor(s)	(1) <u>Patrick BROYER</u> (2) <u>Agnes DUPONTFILLIARD</u> (3) <u>Massimo GALDIERO</u> (4) <u>Michel GUY</u>	(5) <u>Hermanus Johannes Maria KREUWEL</u> (6) <u>Emiliano MAIONE</u> (7) <u>Emiel Gereberh Marioa VERWIMP</u> (8) _____
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(9) Insert Name of Assignee (10) Insert Address of Assignee	(9) <u>BIOMERIEUX</u> (10) <u>Chemin de L'Orme, F-69280 Marcy L'Etoile, FRANCE</u>
----------------------------------------------------------------	---------------------------------------------------------------------------------------

(hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, international, confirmation, substitute and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as

(11) Insert Identification such as Title, Case Number, or Foreign Application Number	(11) <u>AUTOMATED SYSTEM FOR THE LYSIS OF MICROORGANISMS PRESENT IN A SAMPLE, FOR EXTRACTION AND FOR PURIFICATION OF THE NUCLEIC ACIDS OF SAID MICROORGANISMS FOR PURPOSES OF ANALYSIS</u>
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(Attorney Docket No. 149598)
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(12) Insert Date of Signing of Application	(12) on _____
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(13) Alternative Identification for filed applications	(13) U.S. application Serial Number <u>13/129,997</u> filed <u>May 18, 2011</u>
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- 5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all Letters Patents of the United States resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he has full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreements in conflict herewith, and agrees that this assignment is binding on him and his heirs, successors, assigns and legal representatives.
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In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

2) Date <u>24/06/11</u>	Inventor Signature <u>[Signature]</u> (SEAL)
Date _____	Inventor Signature _____ (SEAL)
Date _____	Inventor Signature _____ (SEAL)
Date _____	Inventor Signature _____ (SEAL)
Date _____	Inventor Signature _____ (SEAL)
Date _____	Inventor Signature _____ (SEAL)
Date _____	Inventor Signature _____ (SEAL)
Date _____	Inventor Signature _____ (SEAL)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date <u>24/06/11</u>	Witness <u>Sabine Boyer ROER</u>
Date <u>24/06/11</u>	Witness <u>Jeanne Marie T... [Signature]</u>

ASSIGNMENT

(1-8)	Insert Name(s) of Inventor(s)	(1) <u>Patrick BROYER</u> (2) <u>Agnes DUPONTFILLIARD</u> (3) <u>Massimo GALDIERO</u> (4) <u>Michel GUY</u>	(5) <u>Hermanus Johannes Maria KREUWEL</u> (6) <u>Emiliano MAJONE</u> (7) <u>Emiel Gerebern Maria VERWIMP</u> (8) _____
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(9)	Insert Name of Assignee	(9) <u>BIOMERIEUX</u>
(10)	Insert Address of Assignee	(10) <u>Chemin de L'Orme, F-69280 Marcy L'Etoile, FRANCE</u>

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(Attorney Docket No. 149598)

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(12)	Insert Date of Signing of Application	(12) on _____
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(13)	Alternative Identification for filed applications	(13) U.S. application Serial Number <u>13/129,997</u> filed <u>May 18, 2011</u>
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In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

6 3	Date <u>May 23, 2011</u>	Inventor Signature <u>Emiliano Majone</u>	(SEAL)
	Date <u>May 23, 2011</u>	Inventor Signature <u>Massimo Galdero</u>	(SEAL)
	Date _____	Inventor Signature _____	(SEAL)
	Date _____	Inventor Signature _____	(SEAL)
	Date _____	Inventor Signature _____	(SEAL)
	Date _____	Inventor Signature _____	(SEAL)
	Date _____	Inventor Signature _____	(SEAL)
	Date _____	Inventor Signature _____	(SEAL)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date <u>May 23, 2011</u>	Witness <u>Cheryl Spivack</u>
Date <u>May 23, 2011</u>	Witness <u>Natalie Bittard</u>

PATENT

REEL: 026761 FRAME: 0920

ASSIGNMENT

Insert (1-8) Name(s) of Inventor(s)	(1) <u>Patrick BROYER</u> (2) <u>Agnes DUPONTFILLIARD</u> (3) <u>Massimo GALDIERO</u> (4) <u>Michel GUY</u>	(5) <u>Hermanus Johannes Maria KREUWEL</u> (6) <u>Emiliano MAIONE</u> (7) <u>Emiel Gerebern Maria VERWIMP</u> (8) _____
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In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date _____	Inventor Signature _____	(SEAL)
5) Date <u>6 June 2011</u>	Inventor Signature <u>[Signature]</u>	(SEAL)
Date _____	Inventor Signature _____	(SEAL)
Date _____	Inventor Signature _____	(SEAL)
Date _____	Inventor Signature _____	(SEAL)
Date _____	Inventor Signature _____	(SEAL)
Date _____	Inventor Signature _____	(SEAL)
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Date <u>6 June 2011</u>	Witness <u>[Signature]</u>
Date <u>6 June 2011</u>	Witness <u>[Signature]</u>

ASSIGNMENT

(1-8)	Insert Name(s) of Inventor(s)	(1) <u>Patrick BROYER</u>	(5) <u>Hermanus Johannes Maria KREUWEL</u>
		(2) <u>Agnes DUPONTFILLIARD</u>	(6) <u>Emiliano MAIONE</u>
		(3) <u>Massimo GALDIERO</u>	(7) <u>Emiel Gerebern Maria VERWIMP</u>
		(4) <u>Michel GUY</u>	(8) _____

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(10)	Insert Address of Assignee	(10) <u>Chemin de L'Orme, F-69280 Marcy L'Etoile, FRANCE</u>

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In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s)

Date	<u>July 12, 2011</u>	Inventor Signature	<u>[Signature]</u>	(SEAL)
Date	_____	Inventor Signature	_____	(SEAL)
Date	_____	Inventor Signature	_____	(SEAL)
Date	_____	Inventor Signature	_____	(SEAL)
Date	_____	Inventor Signature	_____	(SEAL)
Date	_____	Inventor Signature	_____	(SEAL)
Date	_____	Inventor Signature	_____	(SEAL)
Date	_____	Inventor Signature	_____	(SEAL)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date	<u>July 12, 2011</u>	Witness	<u>[Signature]</u>
Date	<u>July 12, 2011</u>	Witness	<u>[Signature]</u>

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O:WILLIAM P. BERRIDGE COMPANY:OLIFF & BERRIDGE, PLC

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UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

AUG - 3 2011

AUGUST 02, 2011

PTAS

WILLIAM P. BERRIDGE
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P.O. BOX 320850
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OLIFF & BERRIDGE

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 08/01/2011

REEL/FRAME: 026687/0982
NUMBER OF PAGES: 6

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).
DOCKET NUMBER: 149598

ASSIGNOR:
BROYER, PATRICK

DOC DATE: 05/24/2011

ASSIGNOR:
DUPONTFILLIARD, AGNES

DOC DATE: ~~06/26/2011~~ 06/24/2011

ASSIGNOR:
GALDIERO, MASSIMO

DOC DATE: 05/23/2011

ASSIGNOR:
GUY, MICHEL

DOC DATE: 05/24/2011

ASSIGNOR:
KREUWEL, HERMANUS JOHANNES MARIA

DOC DATE: 06/06/2011

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ASSIGNOR: MAIONE, EMILIANO DOC DATE: 05/23/2011

ASSIGNOR: VERWIMP, EMIEL GEREBERN MARIA DOC DATE: 07/12/2011

ASSIGNEE: BIOMERIEUX
CHEMIN DE L'ORME,
F-69280 MARCY L'ETOILE,, FRANCE

APPLICATION NUMBER: 13129997 FILING DATE: 05/18/2011
PATENT NUMBER: ISSUE DATE:

TITLE: AUTOMATED SYSTEM FOR THE LYSIS OF MICROORGANISMS PRESENT IN
A SAMPLE, FOR EXTRACTION AND FOR PURIFICATION OF THE NUCLEIC
ACIDS OF SAID MICROORGANISMS FOR PURPOSES OF ANALYSIS

LAZENA MARTIN, EXAMINER
ASSIGNMENT SERVICES BRANCH
PUBLIC RECORDS DIVISION

PATENT