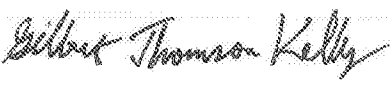


PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4471444

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JOB DEKKER	09/20/2011
NYNKE VAN BERKUM	09/20/2011
RECEIVING PARTY DATA	
Name:	UNIVERSITY OF MASSACHUSETTS
Street Address:	ONE BEACON STREET, 31ST FLOOR
City:	BOSTON
State/Country:	MASSACHUSETTS
Postal Code:	02108
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15624077
CORRESPONDENCE DATA	
Fax Number:	(510)788-8786
<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:	5107888781
Email:	aaeverson@medlencarroll.com,docketing@medlencarroll.com,rldalton@medlencarroll.com
Correspondent Name:	MEDLEN AND CARROLL, LLP
Address Line 1:	1440 BROADWAY, SUITE 1010
Address Line 4:	OAKLAND, CALIFORNIA 94612
ATTORNEY DOCKET NUMBER:	UMASS-W-18621 DEKKER &
NAME OF SUBMITTER:	ABBY EVERSON
SIGNATURE:	/abby everson/
DATE SIGNED:	06/21/2017
Total Attachments: 2	
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Form PTO-1595	RECORDATION FORM COVER SHEET		U.S. Department of Commerce Patent and Trademark Office
	PATENTS ONLY		
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.			
1. Name of conveying party(ies): Job Dekker NynkeVan Berkum	2. Name and address of receiving party(ies): University of Massachusetts One Beacon Street, 31st Floor Boston, MA 02108		
Additional name(s) of conveying party(ies) attached? No	Additional name(s) & address(es) attached? No		
3. Nature of conveyance: Assignment Execution Date: 09/20/2011			
4. Title of Invention: HiC: Methods of Identifying Interactions Between Genomic Loci			
A. Patent Application No.(s): 15/624,077	B. Patent No.(s):		
Additional numbers attached? No			
5. Name and address of party to whom correspondence concerning document should be mailed: Peter G. Carroll MEDLEN & CARROLL, LLP 1440 Broadway, Suite 1010 Oakland, California 94612	6. Total number of applications and patents involved: 1		
	7. Total fee(s): Effective January 01, 2014, as an electronic submission, payment in the amount of \$40 (\$40 Recordation fee) is not submitted.		
	8. Deposit Account Authorization: The Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No. 08-1290 .		
DO NOT USE THIS SPACE			
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>			
Date: <u>June 21, 2017</u>	Signature: 		
	Name: Gilbert Thomson Kelly		
	Reg. No.: 70.988		

In accordance with C.F.R. 1.63(d)(4), the attached
Assignment is to be used for Divisional Appln
Entitled: HIC: Methods of Identifying
Interactions Between Genomic Loci
Filed: 06/15/2017
Docket No. US1554V-18621

G.T.K. 06/21/2017

Patent Application Serial Number: 13/121,158
Attorney Docket No.: U MASSW-17102

ASSIGNMENT

WHEREAS, We, Job Dekker and Nynke Van Berkum hereinafter referred to as "ASSIGNOR", have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: HIC: Methods of Identifying Interactions Between Genomic Loci

Filing Date: 3/25/2011

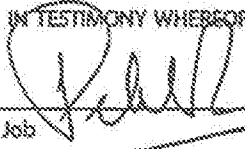
Serial No.: 13/121,158

WHEREAS, University of Massachusetts, a Massachusetts corporation, 333 South Street, Suite 400, Shrewsbury, Massachusetts 01545-4169, hereinafter referred to as "ASSIGNEE", is desirous of acquiring the entire right, title and interest in said invention and application and in any Letters Patent which may be granted on the same;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for and in consideration of the sum of One Dollar (\$1.00) lawful money paid to ASSIGNOR by ASSIGNEE and other good and valuable consideration receipt of which is hereby acknowledged, ASSIGNOR has sold, assigned and transferred, and by these presents does sell, sign and transfer unto said ASSIGNEE, and ASSIGNEE's successors and assigns, all right, title and interest in and to said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions, issues, prolongations or extensions thereof, said interest to be held and enjoyed by said ASSIGNEE as fully and exclusively as it would have been held and enjoyed by said ASSIGNOR had this assignment and transfer not been made, to the full end and term of any Letters Patent.

ASSIGNOR further agrees that ASSIGNOR will, without charge to said ASSIGNEE, but at ASSIGNEE's expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications; execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent for the reissue thereof, and instruments of assignment and transfer thereof; and will perform such other acts as ASSIGNEE lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE, or ASSIGNEE's successors and assigns.

IN TESTIMONY WHEREOF, ASSIGNOR has hereunto signed below. ASSIGNOR's names to this assignment on the date indicated


Dekker, Job
9/20/2011
Date


Van Berkum, Nynke
9-20-2011
Date

STATE OF _____)
COUNTY OF _____) ss.

On this _____ day of _____, in the year of _____, before me, the undersigned notary public, personally appeared the above-named ASSIGNOR, known to me (proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged that he/she executed the same.

NOTARY PUBLIC

SEAL