PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:			NEW ASSIGNMENT					
NATURE OF CONVEYANCE:			ASSIGNMENT					
CONVEYING PARTY DATA								
Name Execution Date								
Erez Lieberman	01/03/2012							
RECEIVING PARTY DATA								
Name:	Massachuset	tts Instit	tute of Technology					
Street Address:	77 Massachusetts Avenue							
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State/Country:	MASSACHUSETTS							
Postal Code:								
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Postal Code:	02138							
State/Country: MASSACHUSETTS 891 Postal Code: 02138 121 PROPERTY NUMBERS Total: 1 1 1000 Property Type Number 975								
Property Type			Number					
Application Number:		13121	13121158					
CORRESPONDENCE DATA								
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501774980 PEEL: 027475 EDAME: 0490								

ATTORNEY DOCKET NUMBER:	UMASS-W-17102				
NAME OF SUBMITTER:	Abby Everson				
Total Attachments: 2 source=1595JEOfinal#page1.tif source=assignerez2#page1.tif					

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	RECORDATION FO	· · · · ·	U.S. Department of Commerce						
Form PTO-1595	PATENT	S ONLY	Patent and Trademark Office						
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.									
1. Name of conveying party Erez Lieberman	(ies):	 2. Name and address of receiving party(ies): Massachusetts Institute of Technology 77 Massachusetts Avenue Cambridge, Massachusetts 02139-4307 President and Fellows of Harvard College 17 Quincy Street, Cambridge, Massachusetts 02138 							
Additional name(s) of con No	nveying party(ies) attached?	Additional name(s) &	& address(es) attached? No						
3. Nature of conveyance: As Execution Date: 01/03/20									
4. Title of Invention: HiC: Methods of Identifying Interactions Between Genomic Loci									
A. Patent Application No.(s): 13/1	21,158	B. Patent No.(s	i):						
Additional numbers attached? No									
 Name and address of part concerning document sho Peter G. Carroll MEDLEN & CARROLL, LLI 703 Market Street, Suite 3 San Francisco, California 	, 340	 Total fee(s): \$40, via B. Deposit Account Aut The Commissioner is 	hereby authorized to charge any dit any overpayment to Deposit						
DO NOT USE THIS SPACE									
9. Statement and Signature: 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.									
Date: <u>January 4, 2012</u>		Signature: Jerome E O'Nail Name: Jerome E. O'Neil Reg. No.: 58,799							

PATENT REEL: 027475 FRAME: 0492

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

ASSIGNMENT

WHEREAS, I, Erez Lieberman, 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, Massachusetts Institute of Technology, 77 Massachusetts Avenue, Cambridge, Massachusetts, 02139-4307, and President and Fellows of Harvard College, 17 Quincy Street, Cambridge, Massachusetts 02138, hereinafter referred to as "ASSIGNEE", is desirous of acquiring the untire 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, assign 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, reissues, 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 and 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 ASSIGNOR's names to this assignment on the date indicated

below. 13/2012 Lieberman, Erez

STATE OF MASSACHUSE

On this 3rd day of JANVARY, in the year of 2012, before me, the undersigned notary public, personally appeared the above-named ASSIGNOR, known to me (or 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 f

NOTARY PUBLIC

SEAL

DENLYN K. ATHERTON Notary Public Commonwealth of Massachusetts My Commission Expires October 1, 2015

PATENT REEL: 027475 FRAME: 0493

RECORDED: 01/04/2012