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PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Barry S. Cooperman	03/19/2012
Yale E. Goldman	03/20/2012

RECEIVING PARTY DATA

Name:	University of Pennsylvania	
Street Address:	3451 Walnut Street	
City:	Philadelphia	
State/Country:	PENNSYLVANIA	
Postal Code:	19104	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13497273

CORRESPONDENCE DATA

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Email: kdmccarthy@roachbrown.com

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Mail.

Correspondent Name: Kevin D. McCarthy

Address Line 1: ROACH BROWN MCCARTHY & GRUBER, P.C.
Address Line 2: 1920 LIBERTY BUILDING - 424 MAIN STREET

Address Line 4: Buffalo, NEW YORK 14202

ATTORNEY DOCKET NUMBER:	0-12-078(ANM/005 US)
NAME OF SUBMITTER:	Kevin D. McCarthy

Total Attachments: 4

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> PATENT REEL: 028285 FRAME: 0393

OP \$40.00 13497273

ASSIGNMENT

WHEREAS, I, Yale E. Goldman, a citizen of the U.S.A., residing at 508 Anthwyn Road, Merion, Pennsylvania 19066, U.S.A., ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the non-provisional patent application for a United States Patent entitled "SYSTEMS AND METHODS FOR MEASURING TRANSLATION OF TARGET PROTEINS IN CELLS" ("the subject application"), which claims priority to as a 371 of international of PCT/IL2010/000792, filed on September 21, 2010, which claims priority to U.S. provisional patent application number 61/245,313 filed on September 24, 2009 ("the priority application").

AND WHEREAS, University of Pennsylvania, ASSIGNEE, having a place of business at 3451 Walnut Street, Philadelphia, Pennsylvania 19104, U.S.A., is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged. I, the ASSIGNOR, hereby sell, assign, transfer, and set over. unto the ASSIGNEE, its successors, legal representatives, and assigns, my entire right, title, and interest in, to, and under the invention, and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors' certificates, and designs that have been filed, and that may hereafter be filed, in any country, that disclose, describe, and/or claim the invention, including, without limitation, the subject application and the priority application, and all extensions, renewals, and reissues of such applications, including all divisions and continuations in whole or in part; all patents granted on such applications in any country, and all extensions, renewals, and reissues of such patents, including all divisions and continuations in whole or in part; the right to file such applications in any country; and the right to claim for such applications in any country the priority rights derived from the priority application and the subject application under the International Convention for the Protection of Industrial Property, the Patent Laws of the United States, any other international agreement or protection, or the domestic laws of any country in which any such application is filed, as may be applicable.

AND I HEREBY covenant and agree that I have full right to convey my entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the ASSIGNEE, its successors, legal representatives, and assigns, any facts known to me respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all disclaimers and all divisional, continuing, reissue, and foreign applications, make all rightful oaths, deliver upon request all papers, documents, affidavits, or other instruments that may be necessary or helpful in the prosecution of any application for industrial property protection describing and/or claiming the invention, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives, and assigns, to obtain and enforce proper protection for the invention in all countries.

DOCKET NO.:	
IN TESTIMONY WHEREOF, I have signed my name my signature.	below on the date indicated above
Executed this 20th day of Morch, year of	of <u>2012</u> .
Hell E. Hold- Signature - Yale E. Goldman	
*******************	************
STATEMENT OF NOTARY PUBLIC	
STATE OF Pennoylvania:	
: SS	
COUNTY OF Philadelphia:	
On this 20th day of Moreh , you came the above named Yale boldmen to	ear of 2012, before me personally
came the above named Yale boldmen to	me personally known and known
to me to be the same individual who executed the foregoing a	
to me that execution of the same was of that person's own	free will for the use and purposes
therein set forth.	

Notary Public

NOTARIAL SEAL
N JEANN WILLIAMS
Notary Public
PHILADELPHIA CTY, PHILADELPHIA CNTY
MV Commission Expires Apr 28, 2012

ASSIGNMENT

WHEREAS, I, Barry S. Cooperman, a citizen of the U.S.A., residing at 408 South Woodbine Avenue, Penn Valley, Pennsylvania 18072, U.S.A., ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the non-provisional patent application for a United States Patent entitled "SYSTEMS AND METHODS FOR MEASURING TRANSLATION OF TARGET PROTEINS IN CELLS" ("the subject application"), which claims priority to as a 371 of international of PCT/IL2010/000792, filed on September 21, 2010, which claims priority to U.S. provisional patent application number 61/245,313 filed on September 24, 2009 ("the priority application").

AND WHEREAS, University of Pennsylvania, ASSIGNEE, having a place of business at 3451 Walnut Street, Philadelphia, Pennsylvania 19104, U.S.A., is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, my entire right, title, and interest in, to, and under the invention, and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors' certificates, and designs that have been filed, and that may hereafter be filed, in any country, that disclose, describe, and/or claim the invention, including, without limitation, the subject application and the priority application, and all extensions, renewals, and reissues of such applications, including all divisions and continuations in whole or in part; all patents granted on such applications in any country, and all extensions, renewals, and reissues of such patents, including all divisions and continuations in whole or in part; the right to file such applications in any country; and the right to claim for such applications in any country the priority rights derived from the priority application and the subject application under the International Convention for the Protection of Industrial Property, the Patent Laws of the United States, any other international agreement or protection, or the domestic laws of any country in which any such application is filed, as may be applicable.

AND I HEREBY covenant and agree that I have full right to convey my entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the ASSIGNEE, its successors, legal representatives, and assigns, any facts known to me respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all disclaimers and all divisional, continuing, reissue, and foreign applications, make all rightful oaths, deliver upon request all papers, documents, affidavits, or other instruments that may be necessary or helpful in the prosecution of any application for industrial property protection describing and/or claiming the invention, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives, and assigns, to obtain and enforce proper protection for the invention in all countries.

DOCKET NO.:	
IN TESTIMONY WHEREOF, I have signed n my signature.	
Executed this 19 Th day of March	, year of <u>20/2</u> .
Baling Lays lin Signature - Barry S. Cooperman	
Signature – Barry S. Cooperman	
***************	\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
STATEMENT OF NOTARY PUBLIC	
STATE OF PHITTED Pennsylvania gu	
: SS	
COUNTY OF Philadelphia:	
	, year of <u>2012</u> , before me personally
came the above named <u>Barry S. Cooper mon</u>	to me personally known and known
to me to be the same individual who executed the fore	
to me that execution of the same was of that person	's own tree will for the use and purposes
therein set forth.	

Notary Public

NOTARIAL SEAL
N JEANN WILLIAMS
NOTORY PUBLIC
PHILADELPHIA CTY, PHILADELPHIA CNTY
My Commission Expires Apr 28, 2012

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RECORDED: 05/30/2012