Form <b>PTO-1595</b> (Rev. 07/05) OMB No. 0651-0027 (exp. 6/30/2008)	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office
05-18-	-2006 ET 9
5-12-06	
To the Director of the U.S. Patent and 10323	decuments or the new address(se) helpy
1. Name of conveying party(ies)	2. Name and address of receiving party(ies)
JOHN G. BRUNO JOSEPH CHANPONG	Name: PRONUCLEOTEIN BIOTECHNOLOGIES, LLC
JOSEI II GITANI GNO	Internal Address: SUITE 230
Additional name(s) of conveying party(ies) attached? Yes V No	
3. Nature of conveyance/Execution Date(s):	Street Address: 4100 NW LOOP 410
Execution Date(s) MAY 12, 2006	
Assignment Merger	
Security Agreement Change of Name	City: SAN ANTONIO
Joint Research Agreement	State: TEXAS
Government Interest Assignment	Country: USA Zip: 78229
Executive Order 9424, Confirmatory License	
Other	Additional name(s) & address(es) attached? ☐ Yes ✓ No
	document is being filed together with a new application.
A. Patent Application No.(s)	B. Patent No.(s)
Additional numbers at	tached? Yes VNo
5. Name and address to whom correspondence	6. Total number of applications and patents
concerning document should be mailed:	involved: 1
Name: CLINE H. WHITE	7. Total fee (37 CFR 1.21(h) & 3.41) \$_40.00
Internal Address: SUITE 200	Authorized to be charged by credit card
	Authorized to be charged to deposit account
Street Address: 755 EAST MULBERRY AVE.	Enclosed
	None required (government interest not a cting title)
City: SAN ANTONIO	8. Payment Information
State: TEXAS Zip: 78212	a. Credit Card Last 4 Numbers
Phone Number: (210) 354-4300	Expiration Date
Fax Number: (210) 354-4034	b. Deposit Account Number 502248 👺 ڃ
Email Address: ip@loefflerllp.com	Authorized User Name <u>CLINE H. WHIT</u>
9. Signature:	<del>'</del>
Signature	
CLINE H. WHITE	Total number of pages including coar S
Name of Person Signing	sheet, attachments, and documents

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

## PATENT ASSIGNMENT

WHEREAS, I, John G. Bruno ("ASSIGNOR"), a citizen of the United States, residing at 95th 100th. San Inducio, TX 78212 am an inventor of the invention described as, without limitation, "a method to identify and report on click activity that is not valid within an online advertising campaign, including, a method for collecting web site visit activity, an apparatus for extracting, transforming, and loading collected data into a relational database, and an apparatus for scoring individual visits based on technical, behavioral, and market attributes." This assignment is being executed concurrently with, or subsequent to, the execution of a patent application, but before the patent application is filed, said patent application was executed on the 12th day of \_\_\_\_\_\_\_\_, 2006, by the inventors John G. Bruno and Joseph Chanpong, and title of the invention being "Methods of Producing Intrachain Fluorophore-Quencher Fret-Aptamers and Assays" (the invention and application/patent are hereinafter collectively referred to as the "INVENTION").

WHEREAS, Pronucleotein Biotechnologies, LLC, a Texas Limited Liability Partnership ("ASSIGNEE"), is desirous of obtaining the entire right, title and interest in, to and under the INVENTION:

NOW, THEREFORE, in consideration of the sum of One Hundred Dollars (\$100.00) to the said ASSIGNOR in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the said ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the INVENTION, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said INVENTION in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; all forms of industrial property protection, including, without limitation, patents, utility models and design which may be granted for said INVENTION in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and any and all causes of action thereto that may have heretofore accrued in ASSIGNOR's favor;

AND I HEREBY authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I HEREBY covenant that I have full right to convey the 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 said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisions, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 12th day of \_\_\_\_\_\_\_\_, 2006.

Inventor

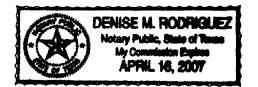
STATE OF TEXAS

COUNTY OF BEVAY

STATE OF TEXAS

BEFORE ME, the undersigned authority, on this day personally appeared JOHN G. BRUNO, known to me to be the person of that name, who signed the foregoing instrument, and acknowledged the same to be his free act and deed.

Given under my hand and seal of office this 12th day of May, 2006



Notary Public State of T

## PATENT ASSIGNMENT

WHEREAS, I, Joseph Chanpong ("ASSIGNOR"), a citizen of the United States, residing at 1711 Green Glen San Antonio Champaign and inventor of the invention described as, without limitation, "a method to identify and report on click activity that is not valid within an online advertising campaign, including, a method for collecting web site visit activity, an apparatus for extracting, transforming, and loading collected data into a relational database, and an apparatus for scoring individual visits based on technical, behavioral, and market attributes." This assignment is being executed concurrently with, or subsequent to, the execution of a patent application, but before the patent application is filed, said patent application was executed on the 12 day of \_\_\_\_\_\_\_\_, 2006, by the inventors John G. Bruno and Joseph Chanpong, and title of the invention being "Methods of Producing Intrachain Fluorophore-Quencher Fret-Aptamers and Assays" (the invention and application/patent are hereinafter collectively referred to as the "INVENTION").

WHEREAS, Pronucleotein Biotechnologies, LLC, a Texas Limited Liability Partnership ("ASSIGNEE"), is desirous of obtaining the entire right, title and interest in, to and under the INVENTION:

NOW, THEREFORE, in consideration of the sum of One Hundred Dollars (\$100.00) to the said ASSIGNOR in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the said ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the INVENTION, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said INVENTION in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; all forms of industrial property protection, including, without limitation, patents, utility models and design which may be granted for said INVENTION in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and any and all causes of action thereto that may have heretofore accrued in ASSIGNOR's favor;

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AND I HEREBY covenant that I have full right to convey the 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 said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisions, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this <u>iz</u> day of , 2006.

Inventor

STATE OF TEXAS

SOUNTY OF PLYON

STATE OF TEXAS

STATE OF TEXAS

BEFORE ME, the undersigned authority, on this day personally appeared JOSEPH CHANPONG, known to me to be the person of that name, who signed the foregoing instrument, and acknowledged the same to be his free act and deed.

Given under my hand and seal of office this 1014 day of 12006, 2006

DENISE M. RODRIGUEZ

Notary Public, State of Tenas

My Commission Expires

APRIL 16, 2007

Notary Public State of Texas

PATENT REEL: 017864 FRAME: 0806

**RECORDED: 05/12/2006**