PAS		Atty.	Dkt. No. 084122-0901
(Rev 6-93) FER 0 1 2010 \$\)	1815) (8119-11836-119) 1501-1501	U.S. DEP	PARTMENT OF COMMERCE Patent and Trademark Office
To the Size ctor of the Prited States Patent 10358	38237	ched original docum	ents or copies thereof.
Name of conveying party(ies):	2. Name and addre	ess of receiving par	rty(ies):
Jason CHRISTIANSEN (01/06/2010) Robert PINARD (01/09/2010) Mark GUSTAVSON (01/06/2010) Brian BOURKE (01/06/2010) Gregory R. TEDESCHI (01/22/2010) Dylan M. REILLY (01/21/2010) Maciej P. ZERKOWSKI (1/06/2010) Christine WILLIAMS (01/06/2010) Dongxiao WANG (01/06/2010) Additional conveying party(ies) YES	HistoRx, Inc. 300 George S New Haven, (511
3. Nature of conveyance: ASSIGNMENT Execution Date: (see above)	Additional name(s)	8 addrace(ac) atta	ched? NO
 4. Application number(s) or patent number(s): If this is being filed together with a new application, the exec A. Patent Application Number(s): 12/560,129 	cution date of the app B. Patent N		
Additional numbe	rs attached? NO		
 Name and address of party to whom correspondence concerning document should be mailed: Gilberto M. Villacorta FOLEY & LARDNER LLP 3000 K Street, N.W. 	 6. Total number of 7. Total fee (37 C.F Check Enclose X Authorized to 	F.R. § 3.41):	\$40.00 dit card
Suite 600 Washington, D.C. 20007-5143	8. Payment Informa		
	a. Credit Card	Last 4 Numbers Expiration Date nt number	9762 11/30/2011 19-0741
DO NOT USE	THIS SPACE		
9. Statement and signature: To the best of my knowledge and belief, the foregoing copy of the original document. The Commissioner is hereby at the required in this matter to the above-identified deposit accounts.	uthorized to charge a	nd correct and any ny additional recor	attached copy is a true dation fees which may

Michele Simkin for Gilberto M. Villacorta

February 1, 2010

Name of person signing

Signature

Date

Total number of pages including cover sheet, attachments, and document:

02/02/2010 MAHMED1 00000025 12560129

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ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor (hereinafter referred to singly and collectively as "ASSIGNOR") has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto

HistoRx, Inc. 300 George Street New Haven, Connecticut 06511

(hereinafter referred to as "ASSIGNEE") its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions, and all foreign countries in and to this invention relating to

REPRODUCIBLE QUANTIFICATION OF BIOMARKER EXPRESSION

check one	[] executed concurrently l	herewith,
	[executed on	
	ĪΧ	Serial No. 12/560,129	Filed 9/15/2009

as set forth in this United States Patent Application

as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto for above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the International Convention and any other international agreement to which the United States adheres; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES ASSIGNEE to file patent applications in any or all countries on the above-identified invention or inventions in the name of the undersigned or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable under the International Convention or otherwise.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

Page 1 of 7

WASH 6431696.1

ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representative or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, and declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

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Page 2 of 7

Executed this 6th day of Januar	/ , 20 <i>10</i> .
/	
	JASON CHRISTIANSEN
State of <u>Connectial</u> (County of <u>New Haven</u>)	
On this	e that he/she executed the same in his/her authorized capacity, and that
WITNESS my hand and official seal.	of which the person acted, executed the institution.
Signature	
My Commission Expires: THEA A. MARTIN COMMISSIONER OF THE SUPERIOR COURT	
(Seal)	
Executed this 6th day of January	<u>/</u> , 20 <u>//</u> .
• • •	ROBERT PINARD
State of Connecticat County of)	
County of)	
On this day of, befo and for said county), personally appeared ROBERT PINARD, who proved name is subscribed to the within instrument and acknowledged to me that his/her signature on the instrument the person, or the entity upon behalf of	to me on the basis of satisfactory evidence to be the person whose te/she executed the same in his/her authorized capacity, and that by
	which the person acteu, executed the instrument.
WITNESS my hand and official seal.	
Signature	
My Commission Expires:	
(Seal)	

Page 3 of 7

Executed this	_ day or		, ~ ~ -	'		
				MARK	GUSTAVS	ON
tate of						
county of)					
On this day of nd for said county), personally appears hose name is subscribed to the within nd that by his/her signature on the inst	instrument and ac	knowled	ged to me that he	she executed the	same in his/her a	uthorized capacity,
/ITNESS my hand and official seal.						
ignature						
ly Commission Expires:						
(Seal)						
Executed this	_ day of		, 20_	·		
				BRIA	N BOURK	E
tate of)					
County of)					
On this day of		20	hefore me			(a notany nublic ir
nd for said county), personally appeare ame is subscribed to the within instrury by his/her signature on the instrument the	nent and acknowle	KE, who edged to	proved to me on me that he/she ex	the basis of satisficuted the same i	factory evidence t in his/her authori	o be the person whose zed capacity, and that
/ITNESS my hand and official seal.						
ignature		_				
ly Commission Expires:						
(Seal)						

Page 4 of 7

G C	GREGORY R. TEDESCHI
State of)	
County of)	
person whose name is subscribed to the within instrument and a	, before me,
WITNESS my hand and official seal.	
Signature	
My Commission Expires:	
(Seal)	
(Scal)	
Expansion this day of	20
Executed this day of	, 20
	DYLAN M. REILLY
State of)	
County of)	
On this day of, 20_	, before me, (a notary public in , who proved to me on the basis of satisfactory evidence to be the person
whose name is subscribed to the within instrument and acknow	, who proved to me on the basis of satisfactory evidence to be the person ledged to me that he/she executed the same in his/her authorized capacity, e entity upon behalf of which the person acted, executed the instrument.
WITNESS my hand and official seal.	
Signature	
My Commission Expires:	
My Commission Expires:	

Page 5 of 7

	MACIEJ P. ZERKOWSKI
State of)	
County of)	
On thisday of, 20, bet and for said county), personally appeared MACIEJ P. ZERKOWSKI, w person whose name is subscribed to the within instrument and acknowl capacity, and that by his/her signature on the instrument the person, or instrument.	edged to me that he/she executed the same in his/her authorized
WITNESS my hand and official seal.	
Signature	
My Commission Expires:	
(Seal)	
Executed this day of	, 20
	CHRISTINE WILLIAMS
State of)	
County of)	
On this day of ,20 , bet and for said county), personally appeared CHRISTINE WILLIAMS, whose name is subscribed to the within instrument and acknowledged t and that by his/her signature on the instrument the person, or the entity	o me that he/she executed the same in his/her authorized capacity,
WITNESS my hand and official seal.	
Signature	
My Commission Expires:	
(Seal)	
Executed this day of	, 20

Page 6 of 7

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DONGXIAO WANG

State of)				
County of)				
whose name is subscribe	ed to the within instructure on the instrume	ament and acknow	wledged to me that he/sl	he executed the same	(a notary public in ory evidence to be the person in his/her authorized capacity, ted, executed the instrument.
Signature					
My Commission Expire	3:				
(Seal)					

Page 7 of 7

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HistoRx, Inc.
300 George Street
New Haven, Connecticut 06511

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REPRODUCIBLE QUANTIFICATION OF BIOMARKER EXPRESSION

check one	[] executed concurrently herewith, [] executed on
	[X Serial No. 12/560,129 Filed 9/15/2009

as set forth in this United States Patent Application

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Executed this day of, 20
JASON CHRISTIANSEN
State of)
County of)
On this day of 20 before me, (a notary public in and for said county), personally appeared JASON CHRISTIANSEN, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.
WITNESS my hand and official seal.
Signature
My Commission Expires:
(Seal)
Executed this 9 day of JAWARY, 2016.
State of <u>MASSACHUS et 15</u>) RÖBERT PINARD
County of MIDDLESEX
On this 9 day of 1011011 , 2011), before me, ASNEY D. Pour (a notary public in and for said county), personally appeared ROBERT PINARD, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.
WITNESS my hand and official seal.
Signature Whleyh Pau
My Commission Expires: August 26, 2016
(Seal)
ASHLEY R. PARR Notary Public, Massachusetts My Commission Expires August 26, 2016

Page 3 of 7

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Executed this	day of	, 20
		MARK GUSTAVSON
State of)	
County of)	
whose name is subscribed to the within	n instrument and acknowl	, before me,(a notary public in J, who proved to me on the basis of satisfactory evidence to be the person edged to me that he/she executed the same in his/her authorized capacity, entity upon behalf of which the person acted, executed the instrument.
WITNESS my hand and official seal.		
Signature		
My Commission Expires:	-	
(Seal)		
Executed this	day of	, 20 .
State of)	BRIAN BOURKE
County of	-	
		, before me,(a notary public in
and for said county), personally appear name is subscribed to the within instru	ared BRIAN BOURKE, wh ument and acknowledged t	no proved to me on the basis of satisfactory evidence to be the person whose to me that he/she executed the same in his/her authorized capacity, and that
by his/her signature on the instrument	the person, or the entity u	pon behalf of which the person acted, executed the instrument.
	the person, or the entity u	pon behalf of which the person acted, executed the instrument.
WITNESS my hand and official seal.		pon behalf of which the person acted, executed the instrument.
WITNESS my hand and official seal. Signature		pon behalf of which the person acted, executed the instrument.
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Page 4 of 7

		CDECOI	RY R. TEDESCHI
State of)	GREGOI	CI R. IEDESCHI
County of			
	, 20 ed GREGORY R. TEDE within instrument and a	acknowledged to me that he/she exec	
WITNESS my hand and official seal.			
Signature			
My Commission Expires:			
(Seal)			
Executed this	day of	, 20	
		DYLA	AN M. REILLY
State of)		
County of)		
On this day of and for said county), personally appear whose name is subscribed to the within and that by his/her signature on the inst	instrument and acknow	ledged to me that he/she executed th	
WITNESS my hand and official seal.			
Signature			
My Commission Expires:			
(Seal)			
Executed this	dov.of	20	

Page 5 of 7

	MACIEJ P. ZERKOWSKI
State of)	
County of)	
On thisday of, 20, before m and for said county), personally appeared MACIEJ P. ZERKOWSKI, who properson whose name is subscribed to the within instrument and acknowledged capacity, and that by his/her signature on the instrument the person, or the eninstrument.	to me that he/she executed the same in his/her authorized
WITNESS my hand and official seal.	
Signature	
My Commission Expires:	
(Seal)	
Executed this day of	, 20
	CHRISTINE WILLIAMS
State of)	
County of)	
On thisday of, 20, before m and for said county), personally appeared CHRISTINE WILLIAMS, who prowhose name is subscribed to the within instrument and acknowledged to me and that by his/her signature on the instrument the person, or the entity upon	hat he/she executed the same in his/her authorized capacity,
WITNESS my hand and official seal.	
Signature	
My Commission Expires:	
(Seal)	
Executed this day of	, 20

Page 6 of 7

WASH_6431696.1

DONGXIAO WANG

State of)		
County of)		
and for said county), pe whose name is subscrib	ersonally appeared DON ted to the within instruit ature on the instrument	NGXIAO WANG, who proved to me on the b	(a notary public in assis of satisfactory evidence to be the person extend the same in his/her authorized capacity, the the person acted, executed the instrument.
Signature			
My Commission Expire	es:		
(Seal)			

Page 7 of 7

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HistoRx, Inc. 300 George Street New Haven, Connecticut 06511

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check one	[] executed concurrently herewith, [] executed on
	[] executed on
	[X] Serial No. 12/560.129 Filed 9/15/2009

as set forth in this United States Patent Application

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Page 2 of 7

Executed this	day of _		, 20	
G		 -	JA	ASON CHRISTIANSEN
State of				
County of)			
and for said county), personally appear person whose name is subscribed to the	red JASON CHR ne within instrum	RISTIANSEN, who proceed and acknowledged	oved to me o I to me that I	(a notary public in in the basis of satisfactory evidence to be the se/she executed the same in his/her authorized half of which the person acted, executed the
WITNESS my hand and official seal.				
Signature				
My Commission Expires:	-			
(Seal)				
Executed this	day of _		, 20	
				ROBERT PINARD
State of)			
County of)			
whose name is subscribed to the withi	n instrument and	l acknowledged to me	that he/she e	(a notary public in assis of satisfactory evidence to be the person executed the same in his/her authorized capacity, which the person acted, executed the instrument.
WITNESS my hand and official seal.				
Signature				
My Commission Expires:	-			
(Seal)				

Page 3 of 7

Executed this 6th day of January, 2010.
Mult
State of Connecticat
State of <u>Connecticut</u>) County of <u>New Haven</u>)
On this day of d
WITNESS my hand and of Balal seal.
Signature
THEA A. MARTIN My Commission Expires: — COMMISSIONER OF THE SUPERIOR COURT
(Scal)
E 11: 10th : C Taxing and 103
Executed this 6th day of January, 2010.
Executed this <u>w</u> day of <u>Jay/cay y</u> , 20 <u>10</u> .
DRIAN POURKE
DRIAN POURKE
26
State of Connecticut County of New Haven On this day of Novy, 20 10 before me, Martin (a notary public in and for said county), personally appeared BRIAN BOURKE, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by
State of Connecticut County of New Haven On this day of North BOURKE, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.
State of Contribut County of New Haver On this day of 1000, 2010 before me, 1000 Martin (a notary public in and for said county), personally appeared BRIAN BOURKE, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument. WITNESS my hand and official scal.

Page 4 of 7

State of)	GREGORY R. TEDESCHI
County of)	
WITNESS my hand and official seal.	
Signature	
My Commission Expires:	
(Seal)	
Executed this day of	, 20
	DYLAN M. REILLY
State of)	
County of)	
On thisday of, 20, 1 and for said county), personally appeared DYLAN M. REILLY, who whose name is subscribed to the within instrument and acknowledge and that by his/her signature on the instrument the person, or the entited to the signature of the instrument of the person of the entitle signature.	
WITNESS my hand and official seal.	
Signature	
My Commission Expires:	
(Seal)	
Executed this day of	, 20

Page 5 of 7

	MACIEJ P. ZERKOWSKI
State of)	MACIEJ I . ZERKO W SKI
County of)	
On thisday of, 20, b and for said county), personally appeared MACIEJ P. ZERKOWSKI, person whose name is subscribed to the within instrument and acknow capacity, and that by his/her signature on the instrument the person, o instrument.	
WITNESS my hand and official seal.	
Signature	
My Commission Expires:	
(Seal)	
Executed this day of	, 20
	CHRISTINE WILLIAMS
State of)	
County of)	
On thisday of, 20, be and for said county), personally appeared CHRISTINE WILLIAMS, whose name is subscribed to the within instrument and acknowledged and that by his/her signature on the instrument the person, or the entit	
WITNESS my hand and official seal.	
Signature	
My Commission Expires:	
(Seal)	
Executed this day of	

Page 6 of 7

Atty. Dkt. No. 084122-0901

DONGXIAO WANG

State of)				
County of)				
On this day of and for said county), personally whose name is subscribed to the and that by his/her signature on WITNESS my hand and official	within instrument and a the instrument the perso	acknowledged	to me that he/she exe	ecuted the same in his/her a	uthorized capacity,
Signature		-1 -			
My Commission Expires:					
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Page 7 of 7

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	Ī	() Serial No. 12/560,129	Filed 9/15/2009

as set forth in this United States Patent Application

as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto for above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the International Convention and any other international agreement to which the United States adheres; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES ASSIGNEE to file patent applications in any or all countries on the above-identified invention or inventions in the name of the undersigned or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable under the International Convention or otherwise.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

Page 1 of 7

Executed this	day of		, 20	<u>.</u>	
		-			
State of	`		J.	ASON CHRISTIANSEN	
County of)				
person whose name is subscribed to the	e within instrume	ent and acknowled	ged to me that I	(a notary public in on the basis of satisfactory evidence to be the he/she executed the same in his/her authorized ehalf of which the person acted, executed the	
WITNESS my hand and official seal.					
Signature					
My Commission Expires:					
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Executed this	day of		, 20	,	
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State of)			ROBERT PINARD	
County of					
whose name is subscribed to the within	instrument and a	acknowledged to a	me that he/she e		
WITNESS my hand and official seal.					
Signature					
		_			
My Commission Expires:					
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Page 3 of 7

Executed this	_ day of	, 20
		MARK GUSTAVSON
State of		
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whose name is subscribed to the within	instrument and acknowledge	O, before me,(a notary public in SON, who proved to me on the basis of satisfactory evidence to be the person owledged to me that he/she executed the same in his/her authorized capacity, the entity upon behalf of which the person acted, executed the instrument.
WITNESS my hand and official seal.		
Signature		
My Commission Expires:		
(Seal)		
Executed this	_ day of	, 20
		BRIAN BOURKE
State of	_)	
County of)	
and for said county), personally appeare name is subscribed to the within instrur	ed BRIAN BOURKE, ment and acknowledg	0, before me, (a notary public in , who proved to me on the basis of satisfactory evidence to be the person whose ed to me that he/she executed the same in his/her authorized capacity, and that ty upon behalf of which the person acted, executed the instrument.
WITNESS my hand and official seal.		
Signature		
My Commission Expires:		
(Seal)		
Executed this	day of	

Page 4 of 7

		Atty. Dkt. No. 084122-0901
State of CA County of Acateura	_) Newinsta	GREGORY R. TEDESCHI
On this 22 day of 1	d GREGORY R. TEDESC	before me, Norway Taucht (a notary public in the two proved to me on the basis of satisfactory evidence to be the nowledged to me that he/she executed the same in his/her authorized n, or the entity upon behalf of which the person acted, executed the
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		DYLAN M. REILLY
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State of), 20 ed DYLAN M. REILLY, w instrument and acknowled irument the person, or the e	

Page 5 of 7

	MACIEJ P. ZERKOWSKI
State of)	
County of)	
person whose name is subscribed to the within instrument and a	, before me,
WITNESS my hand and official seal.	
Signature	
My Commission Expires:	
(Seal)	
Executed this day of	, 20
State of)	CHRISTINE WILLIAMS
County of)	
whose name is subscribed to the within instrument and acknow	, before me,
WITNESS my hand and official seal.	
Signature	
My Commission Expires:	
(Seal)	
Executed this day of	, 20

Page 6 of 7

Atty. Dkt. No. 084122-0901

DONGXIAO WANG

State of)	
County of)	
whose name is subscribed to the within instrument and acknow	, before me,
Signature	
My Commission Expires:	
(Seal)	

Page 7 of 7

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ASSIGNOR HEREBY AUTHORIZES ASSIGNEE to file patent applications in any or all countries on the above-identified invention or inventions in the name of the undersigned or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable under the International Convention or otherwise.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representative or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, and declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the law firm of Foley & Lardner LLP the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of Foley & Lardner LLP do not personally represent ASSIGNOR OR ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

Executed this	day of	, 20	
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State of)	JASON	CHRISTIANSEN
County of			
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person whose name is subscribed to the	within instrume	, 20, before me,	cuted the same in his/her authorized
WITNESS my hand and official seal.			
Signature			
My Commission Expires:			
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Page 3 of 7

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		MARK GUSTAVSON
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County of)	
hose name is subscribed to the within	n instrument and ack	20, before me,(a notary public in 7SON, who proved to me on the basis of satisfactory evidence to be the person nowledged to me that he/she executed the same in his/her authorized capacity, or the entity upon behalf of which the person acted, executed the instrument.
VITNESS my hand and official seal.		
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My Commission Expires:		
(Seal)		
Executed this	day of	, 20
		BRIAN BOURKE
State of		
County of)	
name is subscribed to the within instru	ıment and acknowle	20, before me,(a notary public in E, who proved to me on the basis of satisfactory evidence to be the person whose liged to me that he/she executed the same in his/her authorized capacity, and that tity upon behalf of which the person acted, executed the instrument.
WITNESS my hand and official seal.		
Signature		
Signature My Commission Expires: (Seal)		

Page 4 of 7

	GREGORY R. TEDESCHI
State of)	
County of)	
and for said county), personally appeared GREGORY R. TED person whose name is subscribed to the within instrument and	, before me,
WITNESS my hand and official seal.	
Signature	
My Commission Expires:	
(Seal)	
Executed this day of	, 20
	DYLAN M. REILLY
State of)	
County of)	
and for said county), personally appeared DYLAN M. REILLY whose name is subscribed to the within instrument and acknown	, before me,
WITNESS my hand and official seal.	
Signature	
My Commission Expires:	
(Scal)	

Page 5 of 7

Executed this day of, 20
(Torket
DYLAN M. REILLY
State of <u>CT</u>
County of US
On this 2 day of January, 20 10, before me, Nata A77 (a notary public in and for said county), personally appeared DYLAN M. RBILLY, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.
WITNESS my hand and official seal.
Signature Thatishur 1212
My Commission Expires: My Commission Expires
Sept. 30, 2013
(Seal)
Executed this day of, 20
Discoulded tills day of, 20
MACIEJ P. ZERKOWSKI
State of)
State of) County of)
County of)
County of
On thisday of, 20, before me,(a notary public in and for said county), personally appeared MACIEJ P. ZERKOWSKI, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by
County of
On thisday of, 20, before me,(a notary public in and for said county), personally appeared MACIEJ P. ZERKOWSKI, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by
On thisday of, 20, before me,(a notary public in and for said county), personally appeared MACIEJ P. ZERKOWSKI, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.
On thisday of, 20, before me,
On thisday of, 20, before me,
On thisday of, 20, before me,
On this day of, 20, before me, (a notary public in and for said county), personally appeared MACIEJ P. ZERKOWSKI, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument. WITNESS my hand and official seal. Signature
On thisday of, 20, before me,

Page 6 of 7

DONGXIAO WANG

State of)
County of)
On thisday of, 20, before me,
Signature
My Commission Expires:
(Seal)

Page 7 of 7

ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor (hereinafter referred to singly and collectively as "ASSIGNOR") has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto

HistoRx, Inc.
300 George Street
New Haven, Connecticut 06511

(hereinafter referred to as "ASSIGNEE") its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions, and all foreign countries in and to this invention relating to

REPRODUCIBLE QUANTIFICATION OF BIOMARKER EXPRESSION

check one	[] executed concurrently herewith, [] executed on
	[X] Serial No. 12/560,129 Filed 9/15/2009

as set forth in this United States Patent Application

as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto for above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the International Convention and any other international agreement to which the United States adheres; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

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Page 1 of 7

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Executed this	day of	, 20	
State of	1	JASON	CHRISTIANSEN
County of			
person whose name is subscribed to	the within instrumen	, 20, before me,	ecuted the same in his/her authorized
WITNESS my hand and official seal	•		
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My Commission Expires:			
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State of)	KOE	BERT PINARD
County of			
		20 1.0	
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Page 3 of 7

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		MARK (GUSTAVSON
State of			
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County of			
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Page 4 of 7

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State of)	GREGORY R. TEDESCHI
County of)	
person whose name is subscribed to the within instrument and ack	, before me,(a notary public in CHI, who proved to me on the basis of satisfactory evidence to be the nowledged to me that he/she executed the same in his/her authorized n, or the entity upon behalf of which the person acted, executed the
WITNESS my hand and official seal.	
Signature	
My Commission Expires:	
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Executed this day of	, 20
	DYLAN M. REILLY
State of)	DIEMVIN. REIDET
County of)	
whose name is subscribed to the within instrument and acknowled	, before me,(a notary public in the proved to me on the basis of satisfactory evidence to be the person ged to me that he/she executed the same in his/her authorized capacity, notity upon behalf of which the person acted, executed the instrument.
WITNESS my hand and official seal.	
Signature	
My Commission Expires:	
(Seal)	
Executed this day of	, 20

Page 5 of 7

tty. **Dk**t. No. 084122-0901 State of Connecticit County of New Haven On this 6 day of 50000 20/0, before me, 1/20 100 (a notary public and for said county), personally appeared MACIEJ PIZERKOWSKI, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument. WITNESS my hand and official seal. Signature THEA A. MARTIN My Commission Expires: — COMMISSIONER OF THE SUPERIOR COURT (Seal) Executed this 6th day of January, 2010. CHKISTINE (JONES) WILLIAMS State of Connecticu County of New Hoven , before me, (a notary public in and for said county), personally appeared CHRISTINE (JONES) WILLIAMS, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

THEA A. MARTIN My Commission Expires: COMMISSIONER OF THE SUPERIOR COURT

(Seal)

Page 6 of 7

Executed this Cornecticut Dongxiao Wang

State of Cornecticut Dongxiao Wang

State of Cornecticut Dongxiao Wang

On this Cornecticut Dongxiao Wang, before me, Dongxiao Wang, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature THEA A. MARTIN COMMISSIONER OF THE SUPERIOR COURT

(Seal)

Page 7 of 7

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RECORDED: 02/01/2010