PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
Wendy J. Fantl	11/22/2010
David B. Rosen	11/11/2010
Alessandra Cesano	11/17/2010
Santosh K. Putta	11/11/2010
James R. Hackett	11/11/2010
Michael Walker	11/17/2010
Jing Shi	11/17/2010

RECEIVING PARTY DATA

Name:	Nodality, Inc.	
Street Address:	201 Gateway Boulevard	
City:	South San Francisco	
State/Country:	CALIFORNIA	
Postal Code:	94080	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13083156

CORRESPONDENCE DATA

Fax Number: (650)493-6811 Phone: (650) 493-9300 Email: tsalvacion@wsgr.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

Correspondent Name: Wilson Sonsini Goodrich & Rosati

Address Line 1: 650 Page Mill Road

Palo Alto, CALIFORNIA 94304 Address Line 4:

ATTORNEY DOCKET NUMBER: 33118-723.301

REEL: 027825 FRAME: 0522

via US Mail.

501845709

PATENT

NAME OF SUBMITTER:	Terry Salvacion
Total Attachments: 3 source=Nodality723301Assignment13083156#page1.tif source=Nodality723301Assignment13083156#page2.tif source=Nodality723301Assignment13083156#page3.tif	

PATENT REEL: 027825 FRAME: 0523

PATENT A	SSIGNMENT			Docket Number 33118-723.501
WHEREAS, the undersigned:				
1. FANTL, Wendy J. 2. ROSEN,	David B. 1 View, CA		CESANO, Alessandra Redwood City, CA	4. PUTTA, Santosh K. Foster City, CA
5. HACKETT, James R. 6. WALKE.			SHI, Jing Mountain View, CA	
(hereinafter "Inventor(s))," have invented certain n	ew and useful improvemen	ıts iı	1	
METHODS FO	R DIAGNOSIS, PROGNO	OSL	S AND METHODS OI	FTREATMENT
☐ for which a United States patent app ☐ for which Application No. 12/910,				ates Patent Office;
WHEREAS, <u>Nodality, Inc.</u> , a corporation of the <u>San Francisco</u> , <u>CA 94080</u> , (hereinafter "Assig inventions disclosed therein, and in and to all embe said Inventor(s) (hereinafter collectively referred to (hereinafter "Patent(s)") thereon granted in the Unit NOW, THEREFORE, in consideration of	gnee"), is desirous of acquir comments of the inventions, to as "Inventions"), and in a litted States, foreign countrie	ring here nd to s, o	the entire right, title and etofore conceived, made o any and all patents, in r under any internationa	I interest in and to said Application(s) and the condiscovered, whether jointly or severally, by ventor's certificates and other forms of protection
said Assignee:	_			
1. Said Inventor(s) do hereby se Inventions and said Applications, including the rig and corresponding non-United States patent applic Property, The Patent Cooperation Treaty or otherw United States, in any foreign country, or under any any and all Patent(s) granted on any application where (d) in and to each and every reissue, reexamination	In to claim priority to said I ations and Patent(s), includ vise; (c) in and to any and a international convention, a nich is a divisional, substitu	inve ling ill ap igre- ition	entions and said Applical those filed under the Pa pplications filed and any ement, protocol, or treat the continuation, or continuation, or continuation,	ris Convention for the Protection of Industrial and all Patent(s) granted on said Inventions in the y, including each and every application filed and
2. Said Inventor(s) hereby cover right, title and interest herein conveyed in the Unite cooperation by said Inventor(s) shall include promy specifications, declarations or other papers, and off Assignee the right, title and interest herein conveyed divisional, continuing or additional applications co (e) for interference or other priority proceedings in therefor and any Patent(s) granted thereon, including priority contests, public use proceedings, infringent providing such cooperation shall be paid for by said	ed States, foreign countries of production of pertinent fact assistance all to the extend; (b) for prosecuting any avering said Inventions; (d) volving said Inventions; and g without limitation reissument actions and court actions.	, or acts ent d appl for d (f	under any international and documents, giving leemed necessary or des lications covering said In filing and prosecuting a) for legal proceedings in and reexaminations, opposed	of testimony, execution of petitions, oaths, irable by said Assignee (a) for perfecting in said eventions; (c) for filing and prosecuting substitute, oplications for reissuance of any said Patent(s); involving said Inventions and any applications osition proceedings, cancellation proceedings,
3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor(s), their respective heirs, legal representatives and assigns.				
4. Said Inventor(s) hereby warra understanding in conflict herewith.	nt and represent that they h	ave	not entered and will no	t enter into any assignment, contract, or
5. Said Inventor(s) hereby reque agreement, protocol, or treaty, be issued in the name representatives and assigns.	st that any Patent(s) issuing the of the Assignee, or its such	g in cces	the United States, foreignsors and assigns, for the	en countries, or under any international convention, e sole use of said Assignee, its successors, legal
6. This instrument will be interp law principles. If any provision of this instrument greatest extent permitted by law. This instrument r one and the same agreement.	is found to be illegal or une	enfo	rceable, the other provis	
IN WITNESS WHEREOF, said Invento		vere	ed this instrument to said	Assignee as of the dates written below:
Date: Nov 22 2010 well	Fre !	Dat	e:	
Wendy J. Fantl Date:		Dat	e:	James R. Hackett
David B. Rosen Date:			e:	Michael Walker
Alessandra Cesano Date:		2		Jing Shi
Santosh K. Putta				
RECEIVED AND AGREED TO BY ASSIGN Date: 1129/25/0	NEE: By:	l	Muly M S Name: Philip McGarr Title: GC & Chief IF	

	PATENT ASSIGNMENT		Docket Number 33118-723.501		
WHEREAS, the undersigned:			1		
FANTL, Wendy J. San Francisco, CA	ROSEN, David B. Mountain View, CA	3. CESANO, Alessandra Redwood City, CA	4. PUTTA, Santosh K. Foster City, CA		
5. HACKETT, James R. San Jose, CA	WALKER, Michael Mountain View, CA	7. SHI, Jing Mountain View, CA			
(hereinafter "Inventor(s))," have in	nvented certain new and useful impr	rovements in			
	_	ROGNOSIS AND METHODS O	F TREATMENT		
	☐ for which a United States patent application is executed on even date herewith; ☐ for which Application No. 12/910,769 was filed on October 22, 2010 in the United States Patent Office;				
San Francisco, CA 94080, (h inventions disclosed therein, and is said Inventor(s) (hereinafter collections)	ereinafter "Assignee"), is desirous on and to all embodiments of the invitively referred to as "Inventions"),	of acquiring the entire right, title and rentions, heretofore conceived, made and in and to any and all patents, in	ce of business at 201 Gateway Blvd., South d interest in and to said Application(s) and the e or discovered, whether jointly or severally, by ventor's certificates and other forms of protection al convention, agreement, protocol, or treaty.		
NOW, THEREFORE, i said Assignee:	n consideration of good and valuable	le consideration acknowledged by s	aid Inventor(s) to have been received in full from		
Inventions and said Applications, and corresponding non-United Sta Property, The Patent Cooperation United States, in any foreign coun any and all Patent(s) granted on an	including the right to claim priority tes patent applications and Patent(s Treaty or otherwise; (c) in and to a try, or under any international conv	to said Inventions and said Applica), including those filed under the Pa any and all applications filed and any tention, agreement, protocol, or treat, substitution, continuation, or continuation,	entire right, title and interest (a) in and to said ations; (b) in and to all rights to all United States aris Convention for the Protection of Industrial y and all Patent(s) granted on said Inventions in the try, including each and every application filed and mutation-in-part of any of said Application(s); and		
right, title and interest herein conv cooperation by said Inventor(s) sh specifications, declarations or other Assignee the right, title and interest divisional, continuing or additional (e) for interference or other priorit therefor and any Patent(s) granted	reyed in the United States, foreign call include prompt production of peer papers, and other assistance all to st herein conveyed; (b) for prosecut al applications covering said Inventity proceedings involving said Inventithereon, including without limitation and coings, infringement actions and contact in the said Inventity proceedings, infringement actions and contact in the said Inventity i	countries, or under any international critinent facts and documents, giving the extent deemed necessary or desting any applications covering said I ions; (d) for filing and prosecuting a tions; and (f) for legal proceedings on reissues and reexaminations, opp	le said Assignee to enjoy to the fullest extent the convention, agreement, protocol, or treaty. Such of testimony, execution of petitions, oaths, sirable by said Assignee (a) for perfecting in said inventions; (c) for filing and prosecuting substitute, involving said Inventions and any applications osition proceedings, cancellation proceedings, the expense incurred by said Inventor(s) in		
3. The terms an representatives, and shall be binding	d covenants of this assignment shal ag upon said Inventor(s), their respe	ll inure to the benefit of said Assigne ective heirs, legal representatives an	ee, its successors, assigns and other legal d assigns.		
4. Said Inventor understanding in conflict herewith		at they have not entered and will no	ot enter into any assignment, contract, or		
			gn countries, or under any international convention, e sole use of said Assignee, its successors, legal		
law principles. If any provision of	f this instrument is found to be illeg	al or unenforceable, the other provi-	e State of California, without regard to conflict of sions shall remain effective and enforceable to the ned an original, but all of which together constitute		
IN WITNESS WHERE Date: Wendy Date: 11/11/240 David Date: 11/12/210	OF, said Inventor(s) have executed J. Fantl B. Rosen pdra Gesano h K. Putta	and delivered this instrument to sai Date:	James R. Hackett Michael Walker Jing Shi		
RECEIVED AND AGREED To	O BY ASSIGNEE:	By: Name: hilip McGan Title: GC & Chief I	5		

	PATENT ASSIGNMENT		Docket Number 33118-723.501
WHEREAS, the undersigned:			
1. FANTL, Wendy J.	2. ROSEN, David B.	3. CESANO, A	lessandra 4. PUTTA, Santosh K.
San Francisco, CA	Mountain View, CA	Redwood Cit	
5. HACKETT, James R. San Jose, CA	6. WALKER, Michael Mountain View, CA	7. SHI, Jing Mountain Vi	ew, CA
(hereinafter "Inventor(s))," have in-	vented certain new and useful im	provements in	
	IETHODS FOR DIAGNOSIS,		HODS OF TREATMENT
	states patent application is executed in No. 12/910,769 was filed on		e United States Patent Office;
San Francisco, CA 94080, (he inventions disclosed therein, and in said Inventor(s) (hereinafter collect (hereinafter "Patent(s)") thereon graduates the said of th	reinafter "Assignee"), is desirous and to all embodiments of the in ively referred to as "Inventions") anted in the United States, foreign	s of acquiring the entire rigitiventions, heretofore concern, and in and to any and all in countries, or under any in	wing a place of business at 201 Gateway Blvd., South ht, title and interest in and to said Application(s) and the ived, made or discovered, whether jointly or severally, by patents, inventor's certificates and other forms of protection atternational convention, agreement, protocol, or treaty.
1. Said Inventor(Inventions and said Applications, ir and corresponding non-United State Property, The Patent Cooperation T United States, in any foreign countr	ncluding the right to claim priority es patent applications and Patent(Treaty or otherwise; (c) in and to ry, or under any international conty application which is a divisional	y to said Inventions and sai (s), including those filed un any and all applications fil- vention, agreement, protoc I, substitution, continuation	ignee the entire right, title and interest (a) in and to said id Applications; (b) in and to all rights to all United States and the Paris Convention for the Protection of Industrial ed and any and all Patent(s) granted on said Inventions in the col, or treaty, including each and every application filed and any or continuation-in-part of any of said Application(s); and
right, title and interest herein convec cooperation by said Inventor(s) shall specifications, declarations or other Assignee the right, title and interest divisional, continuing or additional (e) for interference or other priority therefor and any Patent(s) granted the priority contests, public use proceed providing such cooperation shall be 3. The terms and	yed in the United States, foreign Il include prompt production of p papers, and other assistance all to herein conveyed; (b) for prosecu applications covering said Invent proceedings involving said Invent hereon, including without limitati dings, infringement actions and co paid for by said Assignee.	countries, or under any into vertinent facts and documen to the extent deemed necess ating any applications covertions; (d) for filing and pro- intions; and (f) for legal pro- ion reissues and reexamina ourt actions; provided, how all inure to the benefit of sa	ee to enable said Assignee to enjoy to the fullest extent the ernational convention, agreement, protocol, or treaty. Such ats, giving of testimony, execution of petitions, oaths, sary or desirable by said Assignee (a) for perfecting in said ring said Inventions; (c) for filing and prosecuting substitute, secuting applications for reissuance of any said Patent(s); ceedings involving said Inventions and any applications tions, opposition proceedings, cancellation proceedings, vever, that the expense incurred by said Inventor(s) in
representatives, and shall be binding 4. Said Inventor(understanding in conflict because)		_	nd will not enter into any assignment, contract, or
agreement, protocol, or treaty, be iss representatives and assigns. 6. This instrumen law principles. If any provision of t	sued in the name of the Assignee, at will be interpreted and construe this instrument is found to be illegent	or its successors and assigned in accordance with the lagal or unenforceable, the ot	ates, foreign countries, or under any international convention, gns, for the sole use of said Assignee, its successors, legal aws of the State of California, without regard to conflict of ther provisions shall remain effective and enforceable to the
one and the same agreement.	iis instrument may be executed ii	a counterparts, each of was	ich is deemed an original, but all of which together constitute
IN WITNESS WHEREO	F, said Inventor(s) have executed	f and delivered this instrum	nent to said Assignee as of the dates written below:
Date: Wonds I	F 375 44	Date:	
Date: Wendy J	J. Fantl	Date: //- /7 - /	James R. Hackett
David B	. Rosen	Date: <u>//-/7-/</u>	Michael Walker
Date:	dra Cesano		Jing Shi
Santosh	K. Putta		
RECEIVED AND AGREED TO) BV ASSIGNEE.		z 17

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RECORDED: 03/08/2012

Page 1 of 1