#### 503697684 02/18/2016

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3744322

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
ZEESHAN H. SYED	04/01/2014
JOHN V. GUTTAG	04/02/2014

### **RECEIVING PARTY DATA**

Name:	PREDICTIVE MODELING, INC.
Street Address:	273 EMERSON ROAD
City:	LEXINGTON
State/Country:	MASSACHUSETTS
Postal Code:	02420

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14678349

## CORRESPONDENCE DATA

Fax Number: (617)261-3175

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

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

617-261-3148 Phone:

Email: BOPatents@klgates.com

Correspondent Name: THOMAS A. TURANO, K&L GATES LLP

Address Line 1: 1 LINCOLN STREET

STATE STREET FINANCIAL CENTER Address Line 2: BOSTON, MASSACHUSETTS 02111-2950 Address Line 4:

ATTORNEY DOCKET NUMBER:	PMI-002
NAME OF SUBMITTER:	THOMAS A. TURANO
SIGNATURE:	/Thomas A. Turano/
DATE SIGNED:	02/18/2016

### **Total Attachments: 6**

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> **PATENT** REEL: 037762 FRAME: 0717

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PATENT REEL: 037762 FRAME: 0718

## **ASSIGNMENT**

WHEREAS, We, Zeeshan H. Syed and John V. Guttag have invented one or more inventions described in an application (or provisional application) for Letters Patent of the United States entitled:

System to Determine Inpatient or Outpatient Care and Inform Decisions About Patient Care

and identified by Attorney Docket No. PMI-002PR, and/or executed by us on even date herewith and about to be filed in the U.S. Patent and Trademark Patent Office; and

WHEREAS, Predictive Modeling, Inc. (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the Commonwealth of Massachusetts, and having a usual place of business at 273 Emerson Road, Lexington, MA 02420, desires to acquire an interest therein, in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, at least as early as the filing date of said application, our entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to the invention(s) described in said application, together with our entire right, title and interest in and to said application, and such Letters Patent that may issue thereon and applications that claim priority thereto under United States law or international convention, and such Letters Patent that may issue thereon, including but not limited to non-U.S., international, nonprovisional, continuation, divisional, reissue, reexamination, extension, and substitution applications of said application and such Letters Patent, and any right, title and interest we may have in provisional applications to which said application claims priority; said invention(s), applications and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all of our rights arising under or pursuant to any and all United States laws and international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent, including but not limited to any cause(s) of action and damages accruing prior to this assignment. We hereby acknowledge that this assignment, being of our entire right, title and interest in and to said invention(s), carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all Letters Patent to ASSIGNEE in its own name as assignee of our entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention(s) to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of papers for filing of non-provisional, substitution, continuation, divisional, reissue, reexamination, and corresponding foreign and international patent applications;

AND, we hereby further agree to provide statements or testimony in any interference or other proceeding in which said invention(s) or any application or patent directed thereto may be involved;

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Joint Assignment Attorney Docket No. PMI-002PR Page 2 of 3

AND, we hereby authorize ASSIGNEE or its attorneys or agents to insert the correct serial number and filing date into this assignment, if none is indicated on the date of our execution of this assignment;

AND, we hereby authorize and request the Director of the United States Patent and Trademark Office and the empowered officials of all other governments to issue such Letters Patent as shall be granted upon said application, or applications based thereon, to said ASSIGNEE, its successors, assigns or legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals on the date(s) set forth below.

	Inventor:	Zeeshan H. Syed
State of California County of Santa Clara	) ) ss	
personally appeared Zeeshan H. identification, which was/were	Syed, proved to me through CALIFORNIA DRIVERS LICENSE	to be the berson whose name is
Deff	_	(Seal)
Signature of Notary		D. PATEL  D. PATEL  NOTARY PUBLIC - CALIFORNIA  COMMISSION # 2024440  SANTA CLARA COUNTY
My Commission Expires: WA	M17" 2017	My Comm. Exp. May 17, 2017

Joint Assignment Attorney Docket No. PMI-002PR Page 3 of 3

	Inventor:	John V. Guttag
Commonwealth of Massachusetts County of	) ) ss	
11 1 1 1 Code	g, proved to me through to be the peand who swore or affirm	te, the undersigned Notary Public, satisfactory evidence of identification, erson whose name is signed on the ted to me that the contents of the nowledge and belief.
		(Seal)
Signature of Notary		
My Commission Expires:		

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WHEREAS, We, Zeeshan H. Syed and John V. Guttag have invented one or more inventions described in an application (or provisional application) for Letters Patent of the United States entitled:

System to Determine Inpatient or Outpatient Care and Inform Decisions About Patient Care

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NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and do hereby sell, assign and transfer unto said. ASSIGNEE, its successors, assigns and legal representatives, at least as early as the filing date of said application, our entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to the invention(s) described in said application, together with our entire right, title and interest in and to said application, and such Letters Patent that may issue thereon and applications that claim priority thereto under United States law or international convention, and such Letters Patent that may issue thereon, including but not limited to non-U.S., international, nonprovisional, continuation, divisional, reissue, reexamination, extension, and substitution applications of said application and such Letters Patent, and any right, title and interest we may have in provisional applications to which said application claims priority; said invention(s), applications and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all of our rights arising under or pursuant to any and all United States laws and international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent, including but not limited to any cause(s) of action and damages accruing prior to this assignment. We hereby acknowledge that this assignment, being of our entire right, title and interest in and to said invention(s), carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all Letters Patent to ASSIGNEE in its own name as assignee of our entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention(s) to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of papers for filing of non-provisional, substitution, continuation, divisional, reissue, reexamination, and corresponding foreign and international patent applications;

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BOS-3393366 v1

Joint Assignment Attorney Docket No. PMI-002PR Page 2 of 3

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IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals on the date(s) set forth below.

		Inventor:	
			Zeeshan H. Syed
State of California		)	
County of		) 88	
On this	day of	, 2014, before me	e, the undersigned Notary Public,
personally appeared			i satisfactory evidence of
identification, which	h was/were		, to be the person whose name is
	ding or attache	d document, and who sw	vore or affirmed to me that the est of his/her knowledge and belief
			(Seal)
Signature of Notary	7		
My Commission E	xpires:		

Joint Assignment Automey Docker No. PMI-002PR Page 3 of 3

Inventor: John V. Guttag

Commonwealth of Massachusetts )
County of Mitalese )

(Seal)

Signature of Notary

My Commission Expires: 6/29/2014

Tatany Luongo, Notery Public Commission Expires 6/20/2017

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