

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT																												
NATURE OF CONVEYANCE:	SECURITY AGREEMENT																												
CONVEYING PARTY DATA																													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>MModal IP LLC</td> <td>08/17/2012</td> </tr> <tr> <td>Multimodal Technologies, LLC</td> <td>08/17/2012</td> </tr> <tr> <td>Poiesis Infomatics Inc.</td> <td>08/17/2012</td> </tr> </tbody> </table>		Name	Execution Date	MModal IP LLC	08/17/2012	Multimodal Technologies, LLC	08/17/2012	Poiesis Infomatics Inc.	08/17/2012																				
Name	Execution Date																												
MModal IP LLC	08/17/2012																												
Multimodal Technologies, LLC	08/17/2012																												
Poiesis Infomatics Inc.	08/17/2012																												
RECEIVING PARTY DATA																													
<table border="1"> <tr> <td>Name:</td> <td>Royal Bank of Canada, as Administrative Agent</td> </tr> <tr> <td>Street Address:</td> <td>20 King Street West, 4th Floor</td> </tr> <tr> <td>City:</td> <td>Toronto</td> </tr> <tr> <td>State/Country:</td> <td>ONTARIO</td> </tr> <tr> <td>Postal Code:</td> <td>M5H 1C4</td> </tr> </table>		Name:	Royal Bank of Canada, as Administrative Agent	Street Address:	20 King Street West, 4th Floor	City:	Toronto	State/Country:	ONTARIO	Postal Code:	M5H 1C4																		
Name:	Royal Bank of Canada, as Administrative Agent																												
Street Address:	20 King Street West, 4th Floor																												
City:	Toronto																												
State/Country:	ONTARIO																												
Postal Code:	M5H 1C4																												
PROPERTY NUMBERS Total: 88																													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr><td>Patent Number:</td><td>5519808</td></tr> <tr><td>Patent Number:</td><td>5377303</td></tr> <tr><td>Patent Number:</td><td>5812882</td></tr> <tr><td>Patent Number:</td><td>6173259</td></tr> <tr><td>Patent Number:</td><td>6366882</td></tr> <tr><td>Patent Number:</td><td>6324510</td></tr> <tr><td>Patent Number:</td><td>6651175</td></tr> <tr><td>Patent Number:</td><td>6665799</td></tr> <tr><td>Patent Number:</td><td>6963837</td></tr> <tr><td>Patent Number:</td><td>7164752</td></tr> <tr><td>Patent Number:</td><td>7558735</td></tr> <tr><td>Patent Number:</td><td>7577904</td></tr> <tr><td>Patent Number:</td><td>7584103</td></tr> </tbody> </table>		Property Type	Number	Patent Number:	5519808	Patent Number:	5377303	Patent Number:	5812882	Patent Number:	6173259	Patent Number:	6366882	Patent Number:	6324510	Patent Number:	6651175	Patent Number:	6665799	Patent Number:	6963837	Patent Number:	7164752	Patent Number:	7558735	Patent Number:	7577904	Patent Number:	7584103
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Patent Number:	5519808																												
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Patent Number:	7502741
Patent Number:	7844464
Patent Number:	7640158
Patent Number:	7831423
Application Number:	10922513
Application Number:	60611171
Application Number:	11228607
Patent Number:	7716040
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Patent Number:	7869996
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Application Number:	60815687
Application Number:	60867105
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Application Number:	61165296
Application Number:	12471167
Application Number:	12556785
Application Number:	61248091
Application Number:	12606823

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Application Number:	13482518
Application Number:	13491856
Application Number:	13527374
Application Number:	13526684
Application Number:	13526789
Application Number:	13563949
Application Number:	13563981
Application Number:	13563998

	09203468
Application Number:	10102047
Application Number:	09783725
Application Number:	09852049
Application Number:	61666303

# CORRESPONDENCE DATA

Fax Number:

Email: daniel.cote@thomsonreuters.com

*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.*

Correspondent Name: James P. Murphy, Legal Assistant

Address Line 1: 80 Pine Street

Address Line 2: Cahill Gordon & Reindel LLP

Address Line 4: New York, NEW YORK 10005

NAME OF SUBMITTER:

James P. Murphy, Legal Assistant

Total Attachments: 15

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**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**

MModal IP LLC

Additional name(s) of conveying party(ies) attached? ☒ Yes ☐ No

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) 08/17/2012

- ☐ Assignment ☐ Merger  
☒ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

**2. Name and address of receiving party(ies)**

Name: Royal Bank of Canada, as Administrative Agent

Internal Address: \_\_\_\_\_

Street Address: 20 King Street West, 4th Floor

City: Toronto, Ontario

State: \_\_\_\_\_

Country: Canada Zip M5H 1C4

Additional name(s) & address(es) attached? ☐ Yes ☒ No

**4. Application or patent number(s):**

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

See Schedule I

See Schedule I

Additional numbers attached? ☒ Yes ☐ No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: James P. Murphy, Legal Assistant

Internal Address: Cahill Gordon & Reindel LLP

Street Address: 80 Pine Street

City: New York

State: NY Zip 10005

Phone Number: 212-701-3345

Docket Number: \_\_\_\_\_

Email Address: jmurphy@cahill.com

**6. Total number of applications and patents involved: 88**

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ \_\_\_\_\_**

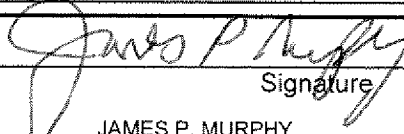
- ☐ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

**8. Payment Information**

Deposit Account Number \_\_\_\_\_

Authorized User Name \_\_\_\_\_

**9. Signature:**

  
Signature

August 17, 2012

Date

JAMES P. MURPHY  
Name of Person Signing

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

15

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

Addendum to Cover Page of Patent Form Cover Sheet

1. Name of conveying party(ies)

Multimodal Technologies, LLC

Poiesis Infomatics Inc.

## Patent Security Agreement

**Patent Security Agreement**, dated as of August 17, 2012, by MMODAL IP LLC, MULTIMODAL TECHNOLOGIES, LLC and POIESIS INFORMATICS, INC. (individually, a “Pledgor”, and, collectively, the “Pledgors”), in favor of ROYAL BANK OF CANADA, in its capacity as administrative agent pursuant to the Credit Agreement (in such capacity, the “Administrative Agent”).

### WITNESSETH:

WHEREAS, the Pledgors are party to a Security Agreement of even date herewith (as amended, amended and restated, supplemented or otherwise modified from time to time, the “Security Agreement”) in favor of the Administrative Agent pursuant to which the Pledgors are required to execute and deliver this Patent Security Agreement;

NOW, THEREFORE, in consideration of the premises and to induce the Administrative Agent, for the benefit of the Secured Parties, to enter into the Credit Agreement, the Pledgors hereby agree with the Administrative Agent as follows:

SECTION 1. Defined Terms. Unless otherwise defined herein, terms defined in the Security Agreement and used herein have the meaning given to them in the Security Agreement.

SECTION 2. Grant of Security Interest in Patent Collateral. Each Pledgor hereby pledges and grants to the Administrative Agent for the benefit of the Secured Parties a lien on and security interest in and to all of its right, title and interest in, to and under all the following Collateral of such Pledgor:

- (a) Patents of such Pledgor listed on Schedule I attached hereto; and
- (b) all Proceeds of any and all of the foregoing (other than Excluded Property).

SECTION 3. Security Agreement. The security interest granted pursuant to this Patent Security Agreement is granted in conjunction with the security interest granted to the Administrative Agent pursuant to the Security Agreement and Pledgors hereby acknowledge and affirm that the rights and remedies of the Administrative Agent with respect to the security interest in the Patents made and granted hereby are more fully set forth in the Security Agreement, the terms and provisions of which are incorporated by reference herein as if fully set forth herein. In the event that any provision of this Patent Security Agreement is deemed to conflict with the Security Agreement, the provisions of the Security Agreement shall control unless the Administrative Agent shall otherwise determine.

SECTION 4. Termination. Upon the payment in full of the Obligations and termination of the Security Agreement, the Administrative Agent shall execute, acknowledge, and deliver to the Pledgors an instrument in writing in recordable form releasing the collateral

pledge, grant, assignment, lien and security interest in the Patents under this Patent Security Agreement.

SECTION 5. Counterparts. This Patent Security Agreement may be executed in any number of counterparts, all of which shall constitute one and the same instrument, and any party hereto may execute this Patent Security Agreement by signing and delivering one or more counterparts.

SECTION 6. Governing Law. This Patent Security Agreement and the transactions contemplated hereby, and all disputes between the parties under or relating to this Patent Security Agreement or the facts or circumstances leading to its execution, whether in contract, tort or otherwise, shall be construed in accordance with and governed by the laws (including statutes of limitation) of the State of New York, without regard to conflicts of law principles that would require the application of the laws of another jurisdiction.

*[Signature Page Follows]*



IN WITNESS WHEREOF, each Pledgor has caused this Patent Security Agreement to be executed and delivered by its duly authorized officer as of the date first set forth above.

Very truly yours,

**MIMODAL IP LLC**

By: 

Name: Kathy Twiddy

Title: President

**MULTIMODAL TECHNOLOGIES, LLC**

By: \_\_\_\_\_

Name: Russ Adkins

Title: Secretary

**POIESIS INFORMATICS, INC.**

By: \_\_\_\_\_

Name: Russ Adkins

Title: Secretary

[Patent Security Agreement]

IN WITNESS WHEREOF, each Pledgor has caused this Patent Security Agreement to be executed and delivered by its duly authorized officer as of the date first set forth above.

Very truly yours,

**MMODAL IP LLC**

By: \_\_\_\_\_  
Name: Kathy Twiddy  
Title: President

**MULTIMODAL TECHNOLOGIES, LLC**

By: \_\_\_\_\_  
Name: Russ Adkins  
Title: Secretary

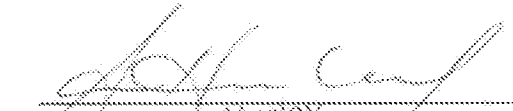
**POIESIS INFORMATICS, INC.**

By: \_\_\_\_\_  
Name: Russ Adkins  
Title: Secretary

[Patent Security Agreement]

AGREED TO AND ACCEPTED:

ROYAL BANK OF CANADA,  
as Administrative Agent

By:   
Name: Ann Hurley  
Title: Manager, Agency

**SCHEDULE I**  
**to**  
**PATENT SECURITY AGREEMENT**  
**PATENT REGISTRATIONS AND PATENT APPLICATIONS**

<b>TITLE</b>	<b>SERIAL #</b>	<b>FILED</b>	<b>PATENT #</b>	<b>ISSUED</b>	<b>OWNER</b>	<b>STATUS</b>
Transcription interface for a word processing station	08/028,973	3/10/1993	5,519,808	5/21/1996	MModal IP LLC	Issued
Controlled Computer Interface	08/165,014	12/09/1993	5,377,303	12/27/1994	Multimodal Technologies, LLC	Issued
Digital dictation system having a central station that includes component cards for interfacing to dictation stations and transcription stations and for processing and storing digitized dictation segments	08/324,903	10/18/1994	5,812,882	9/22/1998	MModal IP LLC	Issued
Speech to Text Conversion and electronic mail is used to send text data and corresponding speech data in a single file	09/049,771	3/27/1998	6,173,259	1/9/2001	Speech Machines PLC	Issued
Apparatus for generating text from recorded speech	09/049,744	3/27/1998	6,366,882	4/2/2002	Speech Machines PLC	Issued
Method and apparatus of hierarchically organizing an acoustic model for speech recognition and adaptation of the model to unseen domains	09/187,902	11/6/1998	6,324,510	11/27/2001	Multimodal Technologies, LLC	Issued
Device and method for providing security for a computer software program	09/301,523	4/28/1999	6,651,175	11/18/2003	MModal IP LLC	Issued
Method and computer software code for providing	09/301,522	4/28/1999	6,665,799	12/16/2003	MModal IP LLC	Issued

TITLE	SERIAL #	FILED	PATENT #	ISSUED	OWNER	STATUS
security for a computer software program						
Attribute-based word modeling	09/680,925	10/6/2000	6,963,837	11/8/2005	Multimodal Technologies, LLC	Issued
Method and system providing control options for voice files	09/751,711	12/28/2000	7,164,752	1/16/2007	MModal IP LLC	Issued
Transcription application infrastructure and methodology	09/752,246	12/28/2000	7,558,735	7/7/2009	MModal IP LLC	Issued
Definition and distribution of business rules while enforcing syntactic and semantic validation	10/113,011	3/28/2002	7,577,904	8/18/2009	MModal IP LLC	Issued
Automated extraction of semantic content and generation of a structured document from speech	10/923,517	8/20/2004	7,584,103	9/1/2009	Multimodal Technologies, LLC	Issued
Document transcription system training	10/922,513	8/20/2004	N/A	N/A	Multimodal Technologies, LLC	Pending
Discriminative Training of Acoustic Models Applied to Domains with Unreliable Transcripts	60/611,171	09/17/2004	N/A	N/A	Multimodal Technologies, LLC	Converted to Non-Provisional Application
Audio signal de-identification	11/064,343	2/23/2005	7,502,741	3/10/2009	Multimodal Technologies, LLC	Issued
Content-based audio playback emphasis	11/187,119	7/22/2005	7,844,464	11/30/2010	Multimodal Technologies, LLC	Issued
Discriminative training of document transcription system	11/228,607	9/16/2005	N/A	N/A	Multimodal Technologies, LLC	Pending
Automatic detection and application of editing patterns in draft documents	11/269,094	11/8/2005	7,640,158	12/29/2009	Multimodal Technologies, LLC	Issued
Replacing text representing a concept with an alternate written form of the concept	11/440,950	5/25/2006	7,831,423	11/9/2010	Multimodal Technologies, LLC	Issued

TITLE	SERIAL #	FILED	PATENT #	ISSUED	OWNER	STATUS
Verification of Extracted Data	60/815,689	06/22/2006	N/A	N/A	Multimodal Technologies, LLC	Converted to Non-Provisional Application
Automatic Clinical Decision Support	60/815,688	06/22/2006	N/A	N/A	Multimodal Technologies, LLC	Converted to Non-Provisional Application
Data Extraction Using Service Levels	60/815,687	06/22/2006	N/A	N/A	Multimodal Technologies, LLC	Converted to Non-Provisional Application
Recognition of Speech in Editable Audio Streams	60/867,105	11/22/2006	N/A	N/A	Multimodal Technologies, LLC	Converted to Non-Provisional Application
Monitoring User Interactions with a Document Editing System	60/886,487	01/24/2007	N/A	N/A	Multimodal Technologies, LLC	Converted to Non-Provisional Application
Verification of extracted data	11/766,767	6/21/2007	7,716,040	5/11/2010	Multimodal Technologies, LLC	Issued
Automatic decision support	11/766,780	6/21/2007	N/A	N/A	Multimodal Technologies, LLC	Pending
Applying service levels to transcripts	11/766,784	6/21/2007	N/A	N/A	Multimodal Technologies, LLC	Pending
Document editing using anchors	11/840,970	8/19/2007	N/A	N/A	Multimodal Technologies, LLC	Pending
Methods and systems for protecting private information during transcription	11/860,902	9/25/2007	7,383,183	6/3/2008	MModal IP LLC	Issued
Natural language processing framework to assist in the evaluation of adherence to clinical guidelines	60/996,172	11/5/2007	N/A	N/A	MModal IP LLC	Converted to Non-Provisional Application
Recognition of speech in editable audio streams	11/944,517	11/23/2007	7,869,996	1/11/2011	Multimodal Technologies, LLC	Issued
Monitoring user interactions with a document editing system	12/018,453	1/23/2008	N/A	N/A	Multimodal Technologies, LLC	Pending
Hybrid Speech Recognition	61/093,220	08/29/2008	N/A	N/A	Multimodal Technologies, LLC	Converted to Non-Provisional Application
Distributed Speech Recognition Using One Way Communication	61/093,221	08/29/2008	N/A	N/A	Multimodal Technologies, LLC	Converted to Non-Provisional Application
Decoding-Time Prediction of Non-Verbalized Punctuation	61/100,184	09/25/2008	N/A	N/A	Multimodal Technologies, LLC	Converted to Non-Provisional Application

<b>TITLE</b>	<b>SERIAL #</b>	<b>FILED</b>	<b>PATENT #</b>	<b>ISSUED</b>	<b>OWNER</b>	<b>STATUS</b>
Automated extraction of semantic content and generation of a structured document from speech	12/253,241	10/17/2008	N/A	N/A	Multimodal Technologies, LLC	Abandoned
Audio signal de-identification	12/258,103	10/24/2008	8,086,458	12/27/2011	Multimodal Technologies, LLC	Issued
Methods and computer program products for natural language processing framework to assist in the evaluation of medical care	12/265,495	11/5/2008	N/A	N/A	MModal IP LLC	Abandoned
Audio Signal De-Identification	12/360,105	1/26/2009	N/A	N/A	Multimodal Technologies, LLC	Abandoned
Automatic detection and application of editing patterns in draft documents	12/360,109	1/26/2009	8,086,453	12/27/2011	Multimodal Technologies, LLC	Issued
Method and computer program product for providing computerized concurrent abstraction services and document review	61/165,296	3/31/2009	N/A	N/A	MModal IP LLC	Converted to Non-Provisional Application
Automated extraction of semantic content and generation of a structured document from speech	12/471,167	5/22/2009	N/A	N/A	Multimodal Technologies, LLC	Pending
Hybrid speech recognition	12/550,380	8/30/2009	7,933,777	4/26/11	Multimodal Technologies, LLC	Issued
Distributed speech recognition using one way communication	12/550,381	8/30/2009	8,019,608	9/13/2011	Multimodal Technologies, LLC	Issued
Decoding-time prediction of non-verbalized tokens	12/566,785	9/25/2009	N/A	N/A	Multimodal Technologies, LLC	Pending
Computer-assisted abstraction of data and document coding	61/248,091	10/2/2009	N/A	N/A	MModal IP LLC	Converted to Non-Provisional Application
Synchronized transcription rules handling	12/606,823	10/27/2009	N/A	N/A	MModal IP LLC	Published

TITLE	SERIAL #	FILED	PATENT #	ISSUED	OWNER	STATUS
Providing Computable Guidance to Relevant Evidence in Question-Answering Systems	61/303,242	02/10/2010	N/A	N/A	MModal IP LLC	Converted to Non-Provisional Application
Clinical Data Reconciliation as Part of a Report Generation Solution	61/308,760	02/26/2010	N/A	N/A	Multimodal Technologies, LLC	Converted to Non-Provisional Application
Computer-assisted abstraction of data and document coding	12/752,043	3/31/2010	N/A	N/A	MModal IP LLC	Published
Verification of extracted data	12/771,193	4/30/2010	N/A	N/A	Multimodal Technologies, LLC	Pending
Health Care Work Flow Modeling with Proactive Metrics	61/372,021	08/09/2010	N/A	N/A	Poiesis Informatics	Converted to Non-Provisional Application
Content-based audio playback emphasis	12/859,883	8/20/2010	N/A	N/A	Multimodal Technologies, LLC	Pending
User Feedback in Semi-Automatic Question Answering Systems	61/385,838	09/23/2010	N/A	N/A	Multimodal Technologies, LLC	Converted to Non-Provisional Application
Hybrid speech recognition	12/890,280	9/24/2010	N/A	N/A	Multimodal Technologies, LLC	Allowed
Structured searching of dynamic structured document corpuses	61/391,545	10/08/2010	N/A	N/A	MModal IP LLC	Expired
Replacing text representing a concept with an alternate written form of the concept	12/917,363	11/1/2010	N/A	N/A	Multimodal Technologies, LLC	Pending
Providing computable guidance to relevant evidence in question-answering systems	13/025,051	2/10/2011	N/A	N/A	MModal IP LLC	Pending
System and method for medical language extraction and encoding	61/444,218	2/18/2011	N/A	N/A	MModal IP LLC (Awaiting signed assignment to submit for	Converted to Non-Provisional Application



TITLE	SERIAL #	FILED	PATENT #	ISSUED	OWNER	STATUS
					recording)	
Clinical data reconciliation as part of a report generation solution	13/036,841	2/28/2011	N/A	N/A	Multimodal Technologies, LLC	Pending
Speech Recognition Using Loosely Coupled Components	61/496,341	06/13/2011	N/A	N/A	MModal IP LLC	Converted to Non-Provisional Application
Document Extension in Dictation-Based Document Generation Workflow	61/498,586	06/19/2011	N/A	N/A	MModal IP LLC	Converted to Non-Provisional Application
Using Alternative Sources of Evidence in Computer-Assisted Billing Coding	61/498,589	06/19/2011	N/A	N/A	MModal IP LLC	Converted to Non-Provisional Application
Speech Recognition Using Context-Aware Recognition Models	61/498,591	06/19/2011	N/A	N/A	MModal IP LLC	Converted to Non-Provisional Application
Distributed speech recognition using one way communication	13/196,188	8/2/2011	N/A	N/A	Multimodal Technologies, LLC	Allowed
Monitoring user interactions with a document editing system	13/196,276	8/2/2011	N/A	N/A	Multimodal Technologies, LLC	Pending
Health Care Work Flow Modeling with Proactive Metrics	13/206,473	08/09/2011	N/A	N/A	Poiesis Informatics	Pending
Health Care Work Flow Modeling with Proactive Metrics	13/206,484	08/09/2011	N/A	N/A	Poiesis Informatics, Inc.	Pending
User feedback in semi-automatic question answering systems	13/242,532	9/23/2011	N/A	N/A	MModal IP LLC	Pending
Structured searching of dynamic structured document corpuses	13/269,575	10/8/2011	N/A	N/A	MModal IP LLC	Pending
Audio signal de-identification	13/303,362	11/23/2011	N/A	N/A	Multimodal Technologies Inc.	Pending

TITLE	SERIAL #	FILED	PATENT #	ISSUED	OWNER	STATUS
Automatic detection and application of editing patterns in draft documents	13/303,397	11/23/2011	N/A	N/A	MModal IP LLC (Preparing assignment document for signature and submission to USPTO)	Pending
Computer-assisted abstraction for reporting of quality measures	13/400,910	2/21/2012	N/A	N/A	MModal IP LLC (Awaiting signed assignment to submit for recordation)	Pending
Replacing text representing a concept with an alternate written form of the concept	13/421,555	3/15/2012	N/A	N/A	Multimodal Technologies Inc.	Pending
Methods and computer program products for natural language processing framework to assist in the evaluation of medical care	13/482,518	5/29/2012	N/A	N/A	MModal IP LLC	Pending
Speech Recognition Using Loosely Coupled Components	13/491,856	06/08/2012	N/A	N/A	MModal IP LLC	Pending
Document Extension in Dictation-Based Document Generation Workflow	13/527,347	06/19/2012	N/A	N/A	MModal IP LLC	Pending
Using Alternative Sources of Evidence in Computer-Assisted Billing Coding	13/526,684	06/19/2012	N/A	N/A	MModal IP LLC	Pending
Speech Recognition Using Context Aware Recognition Models	13/526,789	06/19/2012	N/A	N/A	MModal IP LLC	Pending

TITLE	SERIAL #	FILED	PATENT #	ISSUED	OWNER	STATUS
Verification of Extracted Data	13/563,949	08/01/2012	N/A	N/A	MModal IP LLC (Preparing assignment document for signature and submission to USPTO)	Pending
Hybrid Speech Recognition	13/563,981	08/01/2012	N/A	N/A	MModal IP LLC (Preparing assignment document for signature and submission to USPTO)	Pending
Distributed Speech Recognition Using One Way Communication	13/563,998	08/01/2012	N/A	N/A	MModal IP LLC (Preparing assignment document for signature and submission to USPTO)	Pending
Automatic Grammar Expansion for Language Variations	09/203,468	12/2/1998	N/A	N/A	Multimodal Technologies, Inc.	Abandoned
Voice Control Information of Computer Applications	10/102,047	3/20/2002	N/A	N/A	Multimodal Technologies, LLC	Abandoned
Voice Controlled Computer Interface	09/783,725	2/14/2001	N/A	N/A	Multimodal Technologies, LLC	Abandoned
Voice Controlled Computer Interface	09/852,049	5/9/2001	N/A	N/A	Multimodal Technologies, LLC	Abandoned
Automated Clinical Evidence Sheet Workflow	61/666,303	6/29/2012	N/A	N/A	MModal IP LLC (Awaiting signed assignment to submit for recordation)	Pending