

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | |
|---|--------------------------------------|----------------|---------------------|------------|-------------------|------------|--|
| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | |
| CONVEYING PARTY DATA | | | | | | | |
| <table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Gabriel D. Comi</td><td>09/14/2006</td></tr><tr><td>Kelly L. Peterman</td><td>09/14/2006</td></tr></tbody></table> | Name | Execution Date | Gabriel D. Comi | 09/14/2006 | Kelly L. Peterman | 09/14/2006 | |
| Name | Execution Date | | | | | | |
| Gabriel D. Comi | 09/14/2006 | | | | | | |
| Kelly L. Peterman | 09/14/2006 | | | | | | |
| RECEIVING PARTY DATA | | | | | | | |
| Name: | Raytheon Company | | | | | | |
| Street Address: | 870 Winter Street | | | | | | |
| City: | Waltham | | | | | | |
| State/Country: | MASSACHUSETTS | | | | | | |
| Postal Code: | 02451-1449 | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | |
| <table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11534402</td></tr></tbody></table> | Property Type | Number | Application Number: | 11534402 | | | |
| Property Type | Number | | | | | | |
| Application Number: | 11534402 | | | | | | |
| CORRESPONDENCE DATA | | | | | | | |
| Fax Number: | (781)401-9966 | | | | | | |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | | | | | | | |
| Phone: | 781-401-9988 | | | | | | |
| Email: | nrm@dc-m.com | | | | | | |
| Correspondent Name: | Daly, Crowley, Mofford & Durkee, LLP | | | | | | |
| Address Line 1: | 354A Turnpike Street, Suite 301A | | | | | | |
| Address Line 4: | Canton, MASSACHUSETTS 02021-2714 | | | | | | |
| ATTORNEY DOCKET NUMBER: | RTN-290PUS | | | | | | |
| NAME OF SUBMITTER: | Marianne M. Downing | | | | | | |
| Total Attachments: 4 source=TO_PTO_ASSIGN#page1.tif source=TO_PTO_ASSIGN#page2.tif source=TO_PTO_ASSIGN#page3.tif | | | | | | | |

CH \$40.00 11534402

500156110

PATENT
REEL: 018300 FRAME: 0731

A S S I G N M E N T

Whereas we, the undersigned, Gabriel D. Comi and Kelly L. Peterman hereby have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled SYSTEMS, METHODS, AND LANGUAGE FOR SELECTION AND RETRIEVAL OF INFORMATION FROM DATABASES, identified as Attorney Docket No. RTN-290PUS and Client Case No. 05E156/US/JJS which application was executed on 9/14/2006, and filed on Sept. 22, 2006 and Assigned Application No. 11,534,462. In the event that the execution date, filing date and/or Application No. are not entered above at the time we executed this document, and if such information is deemed necessary, we hereby authorize and request our attorneys at Daly, Crowley & Mofford, LLP, 354A Turnpike Street, Suite 301A, Canton, MA 02021-2714, to insert above the execution date, filing date and/or Application No. of said application.

Whereas, RAYTHEON COMPANY, a Delaware Corporation having a place of business at 870 Winter Street, Waltham, MA 02451-1449, and which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits and privileges hereinafter recited;

Now, therefore, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation:

1. Assign, transfer and convey to Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, reissue, re-examination and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent and any provisional applications from which priority is claimed in said Letters Patent;

2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in my name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;

PATENT.

Attorney Docket No.: RTN-290PUS
Client Case No.: 05E156/US/JJS

4. Warrant that I have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that I have good right to assign the same to Assignee without encumbrance;

5. Bind my heirs, legal representatives and assigns, as well as myself, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to me or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me, my heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to me relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in my control or in the control of my heirs, legal representatives or assigns which may be useful for establishing the facts of my conceptions, disclosures, and reduction to practice of said inventions and discoveries.

PATENT.

Attorney Docket No.: RTN-290PUS
Client Case No.: 05E156/US/JJS

09-14-2006
Date

Kelly L. Peterman
Kelly L. Peterman

Commonwealth of ~~Massachusetts~~ ^{Pennsylvania} } SS.
County of Centre

On this the 14th day of September, 2006, before me, Gail E. Stewart,
Day Month Name of Notary

the undersigned Notary Public, personally appeared Kelly L. Peterman,
Kelly L. Peterman

proved to me through satisfactory evidence of identity, which was/were employee badge

w/ photo

(Description of Evidence of Identity)

to be the person whose name is signed on the preceding document, and acknowledged to me that he/she signed it voluntarily for this stated purpose.

Gail E. Stewart
Signature of Notary Public

Gail E. Stewart
Printed Name of Notary Public

Place Notary Seal and/or Any Stamp Above

My Commission Expires Apr 29, 2008

PATENT.

Attorney Docket No.: RTN-290PUS

Client Case No.: 05E156/US/JJS

In testimony of which we have each executed this Assignment on the date indicated next to each of our respective names.

9-14-06

Date

Gabriel D. Comi

Gabriel D. Comi

Commonwealth of ~~Massachusetts~~ ^{Pennsylvania} } SS.
County of Centre

On this the 14th day of September, 2006, before me, Gail E. Stewart,
Day Month Name of Notary

the undersigned Notary Public, personally appeared Gabriel D. Comi,
Gabriel D. Comi

proved to me through satisfactory evidence of identity, which was/were employee badge

w/ photo

(Description of Evidence of Identity)

to be the person whose name is signed on the preceding document, and acknowledged to me that he/she signed it voluntarily for this stated purpose.

Gail E. Stewart

Signature of Notary Public

Gail E. Stewart

Printed Name of Notary Public

Place Notary Seal and/or Any Stamp Above

My Commission Expires Apr 29, 2008