

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT2896205

|                                                                                                                                                                                                 |                                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|
| <b>SUBMISSION TYPE:</b>                                                                                                                                                                         | NEW ASSIGNMENT                    |
| <b>NATURE OF CONVEYANCE:</b>                                                                                                                                                                    | ASSIGNMENT                        |
| <b>CONVEYING PARTY DATA</b>                                                                                                                                                                     |                                   |
| <b>Name</b>                                                                                                                                                                                     | <b>Execution Date</b>             |
| ACCENTURE GLOBAL SERVICES GMBH                                                                                                                                                                  | 09/01/2010                        |
| <b>RECEIVING PARTY DATA</b>                                                                                                                                                                     |                                   |
| <b>Name:</b>                                                                                                                                                                                    | ACCENTURE GLOBAL SERVICES LIMITED |
| <b>Street Address:</b>                                                                                                                                                                          | 3 GRAND CANAL PLAZA               |
| <b>Internal Address:</b>                                                                                                                                                                        | GRAND CANAL STREET UPPER          |
| <b>City:</b>                                                                                                                                                                                    | DUBLIN                            |
| <b>State/Country:</b>                                                                                                                                                                           | IRELAND                           |
| <b>Postal Code:</b>                                                                                                                                                                             | 4                                 |
| <b>PROPERTY NUMBERS Total: 1</b>                                                                                                                                                                |                                   |
| <b>Property Type</b>                                                                                                                                                                            | <b>Number</b>                     |
| Application Number:                                                                                                                                                                             | 14272102                          |
| <b>CORRESPONDENCE DATA</b>                                                                                                                                                                      |                                   |
| <b>Fax Number:</b>                                                                                                                                                                              | (877)769-7945                     |
| <i>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.</i> |                                   |
| <b>Phone:</b>                                                                                                                                                                                   | (512) 472-5070                    |
| <b>Email:</b>                                                                                                                                                                                   | apsi@fr.com                       |
| <b>Correspondent Name:</b>                                                                                                                                                                      | ERIN L. BAKER                     |
| <b>Address Line 1:</b>                                                                                                                                                                          | FISH & RICHARDSON P.C.            |
| <b>Address Line 2:</b>                                                                                                                                                                          | P.O.BOX 1022                      |
| <b>Address Line 4:</b>                                                                                                                                                                          | MINNEAPOLIS, MINNESOTA 55440-1022 |
| <b>ATTORNEY DOCKET NUMBER:</b>                                                                                                                                                                  | 12587-0378002                     |
| <b>NAME OF SUBMITTER:</b>                                                                                                                                                                       | TANYA SPARROW                     |
| <b>SIGNATURE:</b>                                                                                                                                                                               | /Tanya Sparrow/                   |
| <b>DATE SIGNED:</b>                                                                                                                                                                             | 06/12/2014                        |
| <b>Total Attachments: 32</b>                                                                                                                                                                    |                                   |
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**PATENT**

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LETTER ACCOMPANYING RECORDATION OF ASSIGNMENT

The attached Confirmatory Patent Assignment shows that Accenture Global Services GmbH (a company organized under the laws of Switzerland) sold, assigned and transferred its entire right, title and interest in the patents and patent applications shown in Schedule A to Accenture International SARL (a company organized under the laws of Luxembourg).

The attached Confirmatory Patent Assignment also shows that Accenture International SARL then sold, assigned and transferred its entire right, title and interest in the patents and patent applications shown in Schedule A to Accenture Global Services Limited (a company organized under the laws of Ireland).

The Confirmatory Patent Assignment provides clear evidence of the complete chain of title in the patents and patent applications shown in Schedule A from Accenture Global Services GmbH to Accenture Global Services Limited. Accordingly, the Patent Recordation Form Cover Sheet is being completed to show that the Conveying Party is Accenture Global Services GmbH, and the Receiving Party is Accenture Global Services Limited.

At the time of filing and recording this Confirmatory Patent Assignment, Accenture Global Services Limited (a company organized under the laws of Ireland) is the sole owner of legal title to the patents and patent applications shown in Schedule A.

Respectfully submitted,

Date: January 25, 2011

/Gregory A. Walters/  
Gregory A. Walters  
Reg. No. 41,366

**CONFIRMATORY PATENT ASSIGNMENT**

WHEREAS, **ACCENTURE GLOBAL SERVICES GmbH**, an entity organized under the laws of Switzerland, having a place of business at **Herrenacker 15, 8200 Schaffhausen, Switzerland**, was the owner of the entire right, title and interest in and to certain United States patents and patent applications, as well as certain foreign patents and patent applications corresponding thereto, said patents and patent applications being identified in the attached Schedule A and being hereinafter referred to as "PATENTS AND PATENT APPLICATIONS;"

WHEREAS, **ACCENTURE INTERNATIONAL SARL**, an entity organized under the laws of Luxembourg, having a place of business at **46A, Avenue J-F Kennedy, L-1855 Luxembourg, Luxembourg**, was desirous of obtaining the entire right, title and interest of **ACCENTURE GLOBAL SERVICES GmbH** in and to the PATENTS AND PATENT APPLICATIONS; and

WHEREAS, **ACCENTURE GLOBAL SERVICES Limited**, an entity organized under the laws of Ireland, having a place of business at **3 Grand Canal Plaza, Upper Grand Canal Street, Dublin 4, Ireland**, was in turn desirous of obtaining the entire right, title and interest of **ACCENTURE INTERNATIONAL SARL** in and to the PATENTS AND PATENT APPLICATIONS.

NOW, THEREFORE, in consideration of the premises set forth herein and for other good and valuable consideration including €1.00 (one Euro) paid by **ACCENTURE INTERNATIONAL SARL** to **ACCENTURE GLOBAL SERVICES GmbH**, the receipt and sufficiency of which are hereby acknowledged, **ACCENTURE GLOBAL SERVICES GmbH** hereby confirms that, pursuant to an Intellectual Property Assignment Agreement between **ACCENTURE GLOBAL SERVICES GmbH** and **ACCENTURE INTERNATIONAL SARL** dated August 31, 2010, it did sell, assign and transfer to **ACCENTURE INTERNATIONAL SARL**, its successors and assignees, its entire right, title and interest in and to the PATENTS AND PATENT APPLICATIONS, including the right to sue for past infringement thereof, whenever assigned.

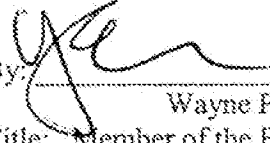
FURTHER, in consideration of the premises set forth herein and for other good and valuable consideration including €1.00 (one Euro) paid by **ACCENTURE GLOBAL SERVICES Limited** to **ACCENTURE INTERNATIONAL SARL**, the receipt and sufficiency of which are hereby acknowledged, **ACCENTURE INTERNATIONAL SARL** hereby confirms that, pursuant to an Intellectual Property Assignment Agreement between **ACCENTURE INTERNATIONAL SARL** and **ACCENTURE GLOBAL SERVICES Limited** dated September 1, 2010, it did sell, assign and transfer to **ACCENTURE GLOBAL SERVICES Limited**, its successors and assignees, its entire right, title and interest in and to the PATENTS AND PATENT APPLICATIONS, including the right to sue for past infringement thereof, whenever assigned.

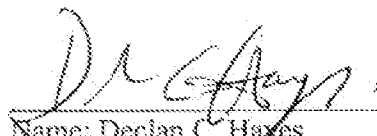
**ACCENTURE GLOBAL SERVICES GmbH** agrees, and has agreed, for itself and its successors, legal representatives and assigns, without further compensation, to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as **ACCENTURE INTERNATIONAL SARL** may reasonably request to effectuate fully the assignment by **ACCENTURE GLOBAL SERVICES GmbH**, including any requests made by or on behalf of **ACCENTURE GLOBAL SERVICES Limited**.

**ACCENTURE INTERNATIONAL SARL** agrees, and has agreed, for itself and its successors, legal representatives and assigns, without further compensation, to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as **ACCENTURE GLOBAL SERVICES Limited** may reasonably request to effectuate fully the assignment by **ACCENTURE INTERNATIONAL SARL**.

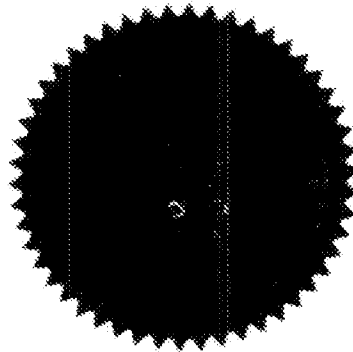
IN TESTIMONY WHEREOF, ACCENTURE GLOBAL SERVICES GmbH  
and ACCENTURE INTERNATIONAL SARL have each caused this Assignment to be  
executed by its respective duly authorized officer.

**ACCENTURE GLOBAL SERVICES GmbH**

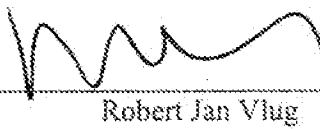
By:   
Wayne P. Sobon  
Title: Member of the Board of Directors  
Date: September 1, 2010  
Place: Dublin, Ireland

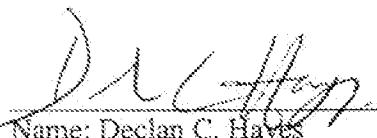
  
Name: Declan C. Hayes  
Notary Public for County and City of Dublin  
Commissioned for Life  
Arthur Cox Building  
Earlsfort Terrace  
Dublin 2, Ireland

Dated this 1 day of September 2010

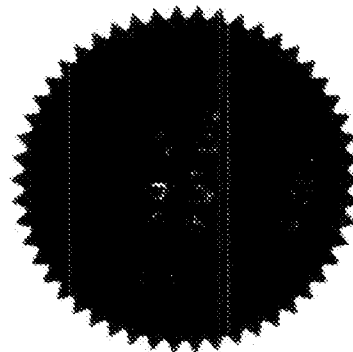


**ACCENTURE INTERNATIONAL SARL**

By:   
Robert Jan Vlug  
Title: Member of the Board of Managers  
Date: September 1, 2010  
Place: Dublin, Ireland

  
Name: Declan C. Hayes  
Notary Public for County and City of Dublin  
Commissioned for Life  
Arthur Cox Building  
Earlsfort Terrace  
Dublin 2, Ireland

Dated this 1 day of September 2010



ACCENTURE INTERNATIONAL SARL hereby acknowledges receipt of the entire right, title and interest of **ACCENTURE GLOBAL SERVICES GmbH** in and to the PATENTS AND PATENT APPLICATIONS.

**ACCENTURE INTERNATIONAL SARL**

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

Robert Jan Vlug

Title: Member of the Board of Managers

Date: September 1, 2010

Place: Dublin, Ireland

\_\_\_\_\_  
Name: Declan C. Hayes

Notary Public for County and City of Dublin

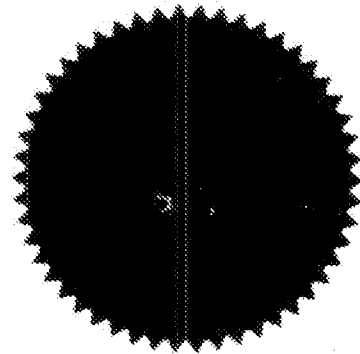
Commissioned for Life

Arthur Cox Building

Earlsfort Terrace

Dublin 2, Ireland

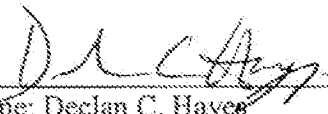
Dated this 1 day of September 2010



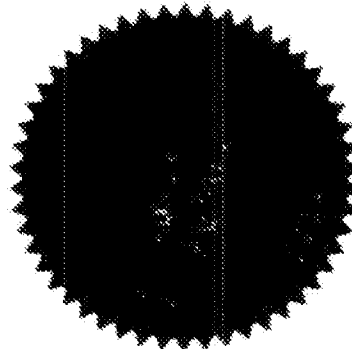
**ACCENTURE GLOBAL SERVICES Limited** hereby acknowledges receipt of the entire right, title and interest of **ACCENTURE INTERNATIONAL SARL** in and to the **PATENTS AND PATENT APPLICATIONS**.

**ACCENTURE GLOBAL SERVICES Limited**

By:   
N. James Shachoy  
Title: Members of the Board of Directors  
Date: September 1, 2010  
Place: Dublin, Ireland

  
Name: Declan C. Hayce  
Notary Public for County and City of Dublin  
Commissioned for Life  
Arthur Cox Building  
Earlsfort Terrace  
Dublin 2, Ireland

Dated this 1 day of September 2010



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**SCHEDULE A**

| APPLICATION TITLE                                                                                                        | COUNTRY | FILING DATE | APPLICATION NUMBER | PATENT DATE | PATENT NUMBER |
|--------------------------------------------------------------------------------------------------------------------------|---------|-------------|--------------------|-------------|---------------|
| Method and Apparatus for Improving Manufacturing Process                                                                 | USA     | 24-Jul-89   | 07/384,792         | 15-Mar-93   | 5,195,041     |
| Computer Assisted Software Engineering System for Cooperative Processing Environments                                    | USA     | 18-Dec-89   | 07/452,673         | 5-Apr-94    | 5,301,270     |
| Airline Seat Inventory Control Method and Apparatus for Computerized Airline Reservation Systems                         | USA     | 19-Dec-90   | 07/630,261         | 19-Oct-93   | 5,255,184     |
| Demand Scheduled Partial Carrier Load Planning System for the Transportation Industry                                    | USA     | 26-Dec-90   | 07/633,960         | 23-Nov-93   | 5,265,006     |
| Airline Seat Inventory Control Method and Apparatus for Computerized Airline Reservation Systems                         | USA     | 11-Jan-91   | 07/640,077         | 14-Dec-93   | 5,270,921     |
| Integrated Manufacturing System                                                                                          | USA     | 31-Jan-92   | 07/830,201         | 10-May-94   | 5,311,438     |
| Method for Improving Manufacturing Process                                                                               | USA     | 12-Mar-92   | 08/030,859         | 27-Sep-94   | 5,351,195     |
| Computerized Order Entry System and Method                                                                               | USA     | 19-Aug-94   | 08/293,470         | 7-Jan-97    | 5,592,378     |
| Apparatus and Method for Navigating Objects Within a Computer-Implemented Object Environment                             | USA     | 20-Jul-95   | 08/504,733         | 1-Apr-03    | 6,543,046     |
| Interactive Hypervideo Editing System and Interface                                                                      | USA     | 12-Oct-95   | 08/542,297         | 12-Oct-99   | 5,966,121     |
| Customer Contact Management System                                                                                       | USA     | 12-Dec-95   | 08/570,753         | 7-Apr-98    | 5,737,725     |
| System and Method for Interactively Transforming a System or Process into a Visual Representation                        | USA     | 3-May-96    | 08/642,782         | 17-Nov-98   | 5,838,973     |
| Computerized Multimedia Asset Management System                                                                          | USA     | 15-Jul-96   | 08/679,573         | 12-May-98   | 5,752,244     |
| Computerized Source Searching System and Method for Use in an Order Entry System                                         | USA     | 13-Aug-96   | 08/696,779         | 3-Nov-98    | 5,832,459     |
| Computerized Order Entry System and Method                                                                               | USA     | 6-Jan-97    | 08/779,231         | 17-Nov-98   | 5,839,117     |
| Quality Center and Method for a Virtual Sales and Service Center                                                         | USA     | 17-Apr-98   | 09/061,999         | 5-Sep-00    | 6,115,693     |
| Virtual Customer Sales and Service Center and Method                                                                     | USA     | 17-Apr-98   | 09/062,151         | 30-May-00   | 6,070,143     |
| Rules Based Routing System and Method for a Virtual Sales and Service Center                                             | USA     | 17-Apr-98   | 09/062,335         | 17-Oct-00   | 6,134,530     |
| Context Manager and Method for a Virtual Sales and Service Center                                                        | USA     | 17-Apr-98   | 09/062,492         | 16-May-00   | 6,064,973     |
| Sharing a Centralized Profile                                                                                            | USA     | 19-Nov-98   | 09/195,852         | 11-Jul-06   | 7,076,504     |
| Personalized Product Report                                                                                              | USA     | 19-Nov-98   | 09/196,338         |             |               |
| System, Method and Article of Manufacture for a Tuned User Application Experience                                        | USA     | 19-Nov-98   | 09/196,483         | 27-Feb-01   | 6,195,651     |
| System, Method and Article of Manufacture for a Goal Based System Utilizing a Spreadsheet and Table Based Architecture   | USA     | 22-Dec-98   | 09/218,726         | 25-Jan-00   | 6,018,731     |
| System, Method and Article of Manufacture for a Simulation Enabled Feedback System                                       | USA     | 22-Dec-98   | 09/218,741         | 22-Feb-00   | 6,029,158     |
| System, Method and Article of Manufacture for a Simulation Engine with a Help Website and Processing Engine              | USA     | 22-Dec-98   | 09/218,749         | 25-Jan-00   | 6,018,730     |
| Goal Based Tutoring System with Behavior to Tailor to Characteristics of a Particular User                               | USA     | 22-Dec-98   | 09/218,906         | 22-Feb-00   | 6,029,156     |
| System, Method and Article of Manufacture for a Goal Based System Utilizing a Table Based Architecture                   | USA     | 22-Dec-98   | 09/218,945         | 1-Apr-03    | 6,542,880     |
| System, Method and Article of Manufacture for a Goal Based System Utilizing an Activity Table                            | USA     | 22-Dec-98   | 09/218,958         | 18-Jan-00   | 6,016,486     |
| System, Method and Article of Manufacture for a Runtime Program Regression Analysis Tool for a Simulation Engine         | USA     | 22-Dec-98   | 09/218,976         | 25-Jan-00   | 6,018,732     |
| System, Method and Article of Manufacture for a Goal Based Educational System                                            | USA     | 22-Dec-98   | 09/218,977         | 15-Nov-99   | 5,987,443     |
| Goal Based Educational System with Support for Dynamic Characteristic Tuning                                             | USA     | 22-Dec-98   | 09/218,995         | 18-Mar-03   | 6,939,861     |
| System, Method and Article of Manufacture for a Goal Based Educational System with Support for Dynamic Tailored Feedback | USA     | 22-Dec-98   | 09/219,055         | 29-Feb-00   | 6,032,141     |
| System, Method and Article of Manufacture for a Goal Based Education and Reporting System                                | USA     | 22-Dec-98   | 09/219,060         | 17-Oct-00   | 6,134,539     |
| Goal Based Simulator Utilizing a Spreadsheet Architecture                                                                | USA     | 22-Dec-98   | 09/219,086         | 8-Feb-00    | 6,023,691     |
| System, Method and Article of Manufacture for a Dynamic Toolbar in a Tutorial System                                     | USA     | 22-Dec-98   | 09/219,088         | 4-Jul-00    | 6,085,184     |
| System, Method and Article of Manufacture for a Goal Based Educational System with Support for Dynamic Media Control     | USA     | 22-Dec-98   | 09/219,201         | 15-Feb-00   | 6,026,386     |

**SCHEDULE A**

| APPLICATION TITLE                                                                                                                    | COUNTRY | FILING DATE | APPLICATION NUMBER | PATENT DATE | PATENT NUMBER |
|--------------------------------------------------------------------------------------------------------------------------------------|---------|-------------|--------------------|-------------|---------------|
| System, Method and Article of Manufacture for a Goal Based Educational System with Support for Dynamic Personality Feedback          | USA     | 22-Dec-98   | 09/219,477         | 23-May-00   | 6,067,537     |
| System Method and Article of Manufacture for a Runtime Program Analysis Tool for a Simulation Engine                                 | USA     | 22-Dec-98   | 09/219,478         | 24-Aug-04   | 6,782,374     |
| System, Method and Article of Manufacture for a Simulation Enabled Focused Feedback Tutorial System                                  | USA     | 22-Dec-98   | 09/219,479         | 23-May-00   | 6,067,538     |
| System, Method and Article of Manufacture for a Simulation Enabled Accounting Tutorial System                                        | USA     | 22-Dec-98   | 09/219,480         | 22-Feb-00   | 6,029,159     |
| System, Method and Article of Manufacture for a Simulation System for Goal Based Education                                           | USA     | 22-Dec-98   | 09/219,481         | 14-Dec-99   | 6,009,021     |
| System, Method and Article of Manufacture for a Simulation Engine with an Expert System Example Processing Engine                    | USA     | 22-Dec-98   | 09/219,524         | 16-May-00   | 6,064,998     |
| System, Method and Article of Manufacture for a Goal Based System with Dynamic Feedback Information                                  | USA     | 22-Dec-98   | 09/221,138         | 6-Jun-00    | 6,073,127     |
| Goal Based Tutoring System with Behavior to Control Flow of Presentation                                                             | USA     | 22-Dec-98   | 09/221,217         | 6-Feb-00    | 6,023,692     |
| System, Method and Article of Manufacture for a Simulation System for Goal Based Education of a Plurality of Students                | USA     | 22-Dec-98   | 09/221,608         | 26-Sep-00   | 6,125,358     |
| An Instructional System Grouping Student Terminals                                                                                   | USA     | 20-Jan-99   | 09/234,338         | 6-Jul-04    | 6,760,748     |
| A Runtime Program Analysis Tool for a Simulation Engine                                                                              | USA     | 9-Feb-99    | 09/868,664         | 9-Feb-10    | 7,660,778     |
| Goal Based System Tailored to the Characteristics of a Particular User                                                               | USA     | 8-Feb-99    | 09/868,667         | 8-Aug-06    | 7,089,222     |
| A Goal Based System Utilizing an Activity Table                                                                                      | USA     | 8-Feb-99    | 09/868,682         | 23-Nov-05   | 6,970,858     |
| Goal Based Educational System with Support for Dynamic Tailored Feedback                                                             | USA     | 8-Feb-99    | 09/868,686         | 2-Jan-07    | 7,156,665     |
| Simulation System for a Simulation Engine with a Help Website and Processing Engine                                                  | USA     | 8-Feb-99    | 09/868,689         | 3-Oct-06    | 7,117,189     |
| A Dynamic Toolbar in a Tutorial System                                                                                               | USA     | 8-Feb-99    | 09/868,694         | 20-Jun-06   | 7,065,512     |
| A Goal Based System Utilizing a Table Based Architecture                                                                             | USA     | 8-Feb-99    | 09/868,695         | 19-May-09   | 7,536,363     |
| A Simulation Enabled Accounting Tutorial System                                                                                      | USA     | 8-Feb-99    | 09/868,698         | 23-Sep-08   | 7,428,518     |
| Simulation Enabled Feedback System                                                                                                   | USA     | 8-Feb-99    | 09/868,713         | 20-Jun-06   | 7,065,513     |
| A Runtime Program Regression Analysis Tool for a Simulation Engine                                                                   | USA     | 8-Feb-99    | 09/868,743         | 7-Oct-08    | 7,433,852     |
| Goal Based Flow of Control Presentation System                                                                                       | USA     | 8-Feb-99    | 09/868,752         | 20-Mar-07   | 7,194,444     |
| Goal Based Educational System with Support for Dynamic Characteristic Tuning                                                         | USA     | 8-Feb-99    | 09/868,947         | 1-Jun-04    | 6,745,170     |
| System, Method and Article of Manufacture for Creating a Filtered Information Summary Based on Multiple Profiles of Each Single User | USA     | 26-Feb-99   | 09/258,687         | 13-Mar-01   | 6,202,067     |
| Visual Navigation Utilizing Web Technology                                                                                           | USA     | 26-Feb-99   | 09/259,158         | 16-Dec-03   | 6,664,980     |
| System, Method and Article of Manufacture for a Mobile Communication Network Utilizing a Distributed Communication Network           | USA     | 5-Mar-99    | 09/263,143         | 6-Mar-01    | 6,199,099     |
| System, Method and Article of Manufacture for Mobile Communications Utilizing an Interface Support Framework                         | USA     | 5-Mar-99    | 09/263,252         | 12-Mar-02   | 6,356,905     |
| Mobile Communication and Computing System and Method                                                                                 | USA     | 5-Mar-99    | 09/263,969         | 4-Jun-02    | 6,401,085     |
| Member Preference Control of an Environment                                                                                          | USA     | 19-Mar-99   | 09/272,795         | 24-Dec-02   | 6,498,955     |
| System and Method for Inputting, Retrieving, Organizing and Analyzing Data                                                           | USA     | 19-Mar-99   | 09/272,828         | 30-Jul-02   | 6,425,525     |
| Component Based Information Linking During Claim Processing                                                                          | USA     | 4-May-99    | 09/305,146         |             |               |
| Component Based Task Handling During Claim Processing                                                                                | USA     | 4-May-99    | 09/305,234         | 10-Nov-09   | 7,617,240     |
| A Component Based Interface to Handle Tasks During Claim Processing                                                                  | USA     | 4-May-99    | 09/305,331         | 14-Mar-06   | 7,013,284     |
| Method and Article of Manufacture for Isolating Data Within a Computer Program                                                       | USA     | 4-May-99    | 09/305,816         | 3-Jun-03    | 6,574,636     |
| Creating Collaborative Application Sharing                                                                                           | USA     | 5-May-99    | 09/305,719         | 26-Aug-03   | 6,611,822     |
| Creating a Virtual University Experience                                                                                             | USA     | 5-May-99    | 11/751,241         |             |               |
| Business Alliance Identification in a Web Architecture Framework                                                                     | USA     | 27-May-99   | 09/320,815         | 13-Apr-04   | 6,721,713     |

**SCHEDULE A**

| APPLICATION TITLE                                                                                                                                                                      | COUNTRY | FILING DATE | APPLICATION NUMBER | PATENT DATE | PATENT NUMBER |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------|--------------------|-------------|---------------|
| Building, Managing, and Supporting Various Components of a System                                                                                                                      | USA     | 27-May-99   | 09/320,921         | 18-Oct-05   | 6,957,186     |
| System for Establishing a Plan to Test Components of a Web Based Framework by Displaying Pictorial Representation and Conveying Indicia Coded Components of Existing Network Framework | USA     | 27-May-99   | 09/321,135         | 29-Oct-02   | 6,473,794     |
| Dynamic Customer Profile Management                                                                                                                                                    | USA     | 27-May-99   | 09/321,273         | 11-Feb-03   | 6,519,571     |
| Prioritizing Components of a Network Framework Required for Implementation of Technology                                                                                               | USA     | 27-May-99   | 09/321,274         | 2-Sep-03    | 6,615,166     |
| Comparatively Analyzing Vendors of Components Required for a Web-Based Architecture                                                                                                    | USA     | 27-May-99   | 09/321,279         | 1-Jan-08    | 7,315,825     |
| Phase Delivery of Components of a System Required for Implementation of Technology                                                                                                     | USA     | 27-May-99   | 09/321,360         |             |               |
| Identification of Redundancies and Omissions Among Components of a Web Based Architecture                                                                                              | USA     | 27-May-99   | 09/321,952         | 18-Mar-09   | 6,936,037     |
| Web-Based Architecture Sales Tool                                                                                                                                                      | USA     | 27-May-99   | 09/322,073         | 16-Jan-07   | 7,165,041     |
| Information Management in a Hybrid Communication System                                                                                                                                | USA     | 2-Jun-99    | 09/324,246         | 27-Aug-02   | 6,442,547     |
| Customer-Driven QoS in a Hybrid Communication System                                                                                                                                   | USA     | 2-Jun-99    | 09/324,348         | 10-Sep-02   | 6,449,588     |
| A Rules Database Server in a Hybrid Communication System Architecture                                                                                                                  | USA     | 2-Jun-99    | 09/324,385         | 1-Apr-03    | 6,542,593     |
| IP Telephony User Interface for a Hybrid Communication System                                                                                                                          | USA     | 2-Jun-99    | 09/324,456         | 9-Mar-04    | 6,704,993     |
| System, Method and Article of Manufacture of a Proactive Threshold Manager in a Hybrid Communication System Architecture                                                               | USA     | 2-Jun-99    | 09/324,981         | 14-Nov-00   | 6,147,975     |
| System, Method and Article of Manufacture for Providing a Customer Interface in a Hybrid Network                                                                                       | USA     | 2-Jun-99    | 09/324,982         | 27-Feb-01   | 6,195,697     |
| System, Method and Article of Manufacture for Cross-Location Registration in a Communication System Architecture                                                                       | USA     | 2-Jun-99    | 09/324,984         | 27-Jun-00   | 6,081,518     |
| Element Management in a Hybrid Communication System                                                                                                                                    | USA     | 2-Jun-99    | 09/324,985         | 16-Mar-04   | 6,707,812     |
| Service Level Management in a Hybrid Network Architecture                                                                                                                              | USA     | 2-Jun-99    | 09/325,015         | 29-Apr-03   | 6,556,659     |
| Video Conferencing Fault Management in a Hybrid Network                                                                                                                                | USA     | 2-Jun-99    | 09/325,101         | 30-Jul-02   | 6,426,948     |
| Managing User Information on an E-Commerce System                                                                                                                                      | USA     | 30-Jul-99   | 09/364,091         | 29-Aug-06   | 7,100,195     |
| Crew Optimization Engine for Repair of Pairings During Irregular Airline Operations                                                                                                    | USA     | 30-Jul-99   | 09/364,156         | 18-Jun-02   | 6,408,276     |
| Optimization Engine for Flight Assignment, Scheduling and Routing of Aircraft in Response to Irregular Operations                                                                      | USA     | 30-Jul-99   | 09/364,157         | 6-Nov-01    | 6,314,361     |
| Activity Framework Design in an E-Commerce-Based Environment for Providing Supporting Services to a Model View Controller                                                              | USA     | 30-Jul-99   | 09/364,164         | 6-Apr-04    | 6,718,535     |
| Secure Gateway Interconnection in an E-Commerce Based Environment                                                                                                                      | USA     | 30-Jul-99   | 09/364,490         | 9-Mar-04    | 6,704,873     |
| A Codes Table Framework Design in an E-Commerce Architecture                                                                                                                           | USA     | 30-Jul-99   | 09/364,491         | 19-Aug-03   | 6,609,128     |
| Interfacing Servers in a Java Based E-Commerce Architecture                                                                                                                            | USA     | 30-Jul-99   | 09/364,531         | 18-Feb-03   | 6,523,027     |
| A Business Components Framework                                                                                                                                                        | USA     | 30-Jul-99   | 09/364,533         | 29-Jul-03   | 6,601,233     |
| Initializing an ECommerce Database Framework                                                                                                                                           | USA     | 30-Jul-99   | 09/364,735         | 14-Oct-03   | 6,633,878     |
| Multi-Object Fetch Component                                                                                                                                                           | USA     | 31-Aug-99   | 09/386,238         | 4-Mar-03    | 6,529,948     |
| A System and Method for a Refreshable Proxy Pool in a Communication Services Patterns Environment                                                                                      | USA     | 31-Aug-99   | 09/386,239         | 11-Jan-05   | 6,842,906     |
| Fixed Format Stream in a Communication Services Patterns Environment                                                                                                                   | USA     | 31-Aug-99   | 09/386,430         | 15-Apr-03   | 6,549,949     |
| Processing Pipeline in a Base Services Pattern Environment                                                                                                                             | USA     | 31-Aug-99   | 09/386,431         | 30-Mar-04   | 6,715,145     |
| Polymorphic Exception Handler in Environment Services Patterns                                                                                                                         | USA     | 31-Aug-99   | 09/386,432         | 31-Dec-02   | 6,502,713     |
| Piecemeal Retrieval in an Information Services Patterns Environment                                                                                                                    | USA     | 31-Aug-99   | 09/386,433         | 15-Apr-03   | 6,550,057     |
| Common Interface Having Exception Interface Name with Additional Prefix and Suffix for Handling Exceptions in Environment Services Patterns                                            | USA     | 31-Aug-99   | 09/386,434         | 13-Aug-02   | 6,434,628     |
| Clean-Up of Orphaned Server Contexts                                                                                                                                                   | USA     | 31-Aug-99   | 09/386,435         | 17-Dec-02   | 6,496,850     |
| Building Techniques in a Development Architecture Framework                                                                                                                            | USA     | 31-Aug-99   | 09/386,619         | 11-Jun-02   | 6,405,364     |
| Multi-Object Identifier System and Method for Information Services Pattern Environment                                                                                                 | USA     | 31-Aug-99   | 09/386,714         | 25-Mar-03   | 6,539,396     |

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| APPLICATION TITLE                                                                                                                           | COUNTRY | FILING DATE | APPLICATION NUMBER | PATENT DATE | PATENT NUMBER |
|---------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------|--------------------|-------------|---------------|
| System, Method and Article of Manufacture for Environment Services Patterns in a Netcentric Environment                                     | USA     | 31-Aug-99   | 09/386,716         | 5-Nov-02    | 6,477,665     |
| Stream-Based Communication in a Communication Services Patterns Environment                                                                 | USA     | 31-Aug-99   | 09/386,717         | 12-Aug-03   | 6,606,660     |
| Abstraction Factory in a Base Services Pattern Environment                                                                                  | USA     | 31-Aug-99   | 09/386,831         | 2-Sep-03    | 6,615,199     |
| An Attribute Converter in an Information Services Patterns Environment                                                                      | USA     | 31-Aug-99   | 09/386,837         | 4-Mar-03    | 6,529,909     |
| Managing Information in an Integrated Development Architecture Framework                                                                    | USA     | 31-Aug-99   | 09/386,891         | 9-Dec-03    | 6,662,357     |
| Implementing a Hybrid Network                                                                                                               | USA     | 31-Aug-99   | 09/386,898         | 26-Aug-03   | 6,611,867     |
| User Context Component in Environment Services Patterns                                                                                     | USA     | 31-Aug-99   | 09/386,989         | 11-Oct-05   | 6,954,220     |
| Emotion Detection for Comparing User Versus Computer Emotion Detection of Voice Signals                                                     | USA     | 31-Aug-99   | 09/387,037         | 5-Mar-07    | 6,353,810     |
| Delivering Service to a Client Via a Locally Addressable Interface                                                                          | USA     | 31-Aug-99   | 09/387,064         | 20-Aug-02   | 6,438,534     |
| Activity Component in a Presentation Services Patterns Environment                                                                          | USA     | 31-Aug-99   | 09/387,069         | 29-Oct-03   | 6,640,238     |
| Self-Describing Stream in a Communication Services Patterns Environment                                                                     | USA     | 31-Aug-99   | 09/387,070         | 5-Nov-02    | 6,477,580     |
| Information Services Patterns in a Netcentric Environment                                                                                   | USA     | 31-Aug-99   | 09/387,071         | 13-Aug-02   | 6,434,568     |
| Presentation Services Patterns in a Netcentric Environment                                                                                  | USA     | 31-Aug-99   | 09/387,072         | 26-Oct-03   | 6,640,249     |
| Voice Messaging System that Organizes Voice Messages Based on Detected Emotion                                                              | USA     | 31-Aug-99   | 09/387,106         | 24-Feb-04   | 6,697,457     |
| Voice Recognition System for Navigating on the Internet                                                                                     | USA     | 31-Aug-99   | 09/387,195         | 15-Sep-09   | 7,590,538     |
| System, Method and Article of Manufacture for a Globally Addressable Interface in a Communication Services Patterns Environment             | USA     | 31-Aug-99   | 09/387,214         | 11-Sep-01   | 6,289,382     |
| Voice Authentication System and Method for Regulating Border Crossing                                                                       | USA     | 31-Aug-99   | 09/387,415         | 8-Oct-02    | 6,463,415     |
| System, Method and Article of Manufacture for a Voice Analysis System that Detects Nervousness for Preventing Fraud                         | USA     | 31-Aug-99   | 09/387,416         | 30-Jul-02   | 6,427,137     |
| Efficient Server Side Data Retrieval for Execution of Client Side Applications                                                              | USA     | 31-Aug-99   | 09/387,430         | 2-Sep-03    | 6,615,253     |
| Request Batchier in a Transaction Services Patterns Environment                                                                             | USA     | 31-Aug-99   | 09/387,575         | 28-Oct-03   | 6,640,244     |
| Load Balancer in Environment Services Patterns                                                                                              | USA     | 31-Aug-99   | 09/387,576         | 10-Jun-03   | 6,578,068     |
| View Configurer in a Presentation Services Patterns Environment                                                                             | USA     | 31-Aug-99   | 09/387,580         | 21-Oct-03   | 6,636,247     |
| System and Method for a Telephonic Emotion Detection that Provides Operator Feedback                                                        | USA     | 31-Aug-99   | 09/387,621         | 12-Nov-02   | 6,480,826     |
| Managing a Development Environment of a Development Architecture Framework                                                                  | USA     | 31-Aug-99   | 09/387,651         | 9-Apr-02    | 6,370,573     |
| Base Services Patterns in a Netcentric Environment                                                                                          | USA     | 31-Aug-99   | 09/387,653         | 25-May-04   | 6,742,015     |
| Transaction Services Patterns in a Netcentric Environment                                                                                   | USA     | 31-Aug-99   | 09/387,654         | 30-Oct-07   | 7,289,954     |
| Relationship Management in an E-Commerce Application Framework                                                                              | USA     | 31-Aug-99   | 09/387,655         | 24-Feb-04   | 6,697,824     |
| System, Method and Article of Manufacture for Configuration Management in a Development Architecture Framework                              | USA     | 31-Aug-99   | 09/387,656         | 3-Jul-01    | 6,256,773     |
| Development Architecture Framework                                                                                                          | USA     | 31-Aug-99   | 09/387,747         | 21-Nov-06   | 7,139,999     |
| Exception Response Table in Environment Services Patterns                                                                                   | USA     | 31-Aug-99   | 09/387,873         | 15-Jan-02   | 6,339,832     |
| Block-Based Communication in a Communication Services Patterns Environment                                                                  | USA     | 31-Aug-99   | 09/387,874         | 27-May-03   | 6,571,282     |
| Assertion Component in Environment Services Patterns                                                                                        | USA     | 31-Aug-99   | 09/388,021         | 29-Jul-03   | 6,601,192     |
| An Attribute Dictionary in a Business Logic Services Environment                                                                            | USA     | 31-Aug-99   | 09/388,022         | 29-Jul-03   | 6,601,234     |
| Remote Demonstration of Business Capabilities in an E-Commerce Environment                                                                  | USA     | 31-Aug-99   | 09/388,026         | 5-Feb-02    | 6,345,239     |
| System, Method and Article of Manufacture for Detecting Emotion in Voice Signals Through Analysis of a Plurality of Voice Signal Parameters | USA     | 31-Aug-99   | 09/388,027         | 21-Nov-00   | 6,151,571     |
| System, Method and Article of Manufacture for Demonstrating E-Commerce Capabilities Via a Simulation on a Network                           | USA     | 31-Aug-99   | 09/388,028         | 30-Jul-02   | 6,427,132     |
| System, Method and Article of Manufacture for Security Management in a Development Architecture Framework                                   | USA     | 31-Aug-99   | 09/388,137         | 27-Nov-01   | 6,324,647     |

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| APPLICATION TITLE                                                                                                                                | COUNTRY | FILING DATE | APPLICATION NUMBER | PATENT DATE | PATENT NUMBER |
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| System, Method and Article of Manufacture for Detecting Emotion in Voice Signals by Utilizing Statistics for Voice Signal Parameters             | USA     | 31-Aug-99   | 09/388,909         | 14-Aug-01   | 6,275,806     |
| System, Method and Article of Manufacture for a Persistent State and Persistent Object Separator in an Information Services Patterns Environment | USA     | 31-Aug-99   | 09/388,911         | 27-Aug-02   | 6,442,748     |
| Method for Providing Communication Services Over a Computer Network System                                                                       | USA     | 1-Sep-99    | 09/387,642         | 18-Dec-01   | 6,332,153     |
| Mapping Attention Allocation                                                                                                                     | USA     | 9-Sep-99    | 09/393,060         |             |               |
| Method and System for Facilitating, Coordinating and Managing a Competitive Marketplace                                                          | USA     | 20-Oct-99   | 09/421,713         | 1-Aug-06    | 7,085,739     |
| Asset Tracking in a Network-Based Supply Chain Environment                                                                                       | USA     | 22-Nov-99   | 09/444,653         | 17-Oct-06   | 7,124,101     |
| Providing Collaborative Installation Management in a Network-Based Supply Chain Environment                                                      | USA     | 22-Nov-99   | 09/444,654         | 12-Aug-03   | 6,606,744     |
| Technology Sharing During Demand and Supply Planning in a Network-Based Supply Chain Environment                                                 | USA     | 22-Nov-99   | 09/444,739         | 31-Oct-06   | 7,130,807     |
| Enhanced Visibility During Installation Management in a Network-Based Supply Chain Environment                                                   | USA     | 22-Nov-99   | 09/444,774         |             |               |
| Scheduling and Planning Maintenance and Service in a Network-Based Supply Chain Environment                                                      | USA     | 22-Nov-99   | 09/444,889         | 11-May-10   | 7,715,077     |
| Problem Isolation Through Translating and Filtering Events into a Standard Object Format in a Network Based Supply Chain                         | USA     | 22-Nov-99   | 09/447,521         | 30-Dec-03   | 6,671,818     |
| Merger and Acquisition Knowledgebase                                                                                                             | USA     | 23-Nov-99   | 09/447,680         |             |               |
| Report Searching in a Merger and Acquisition Environment                                                                                         | USA     | 23-Nov-99   | 09/447,934         | 17-Jun-03   | 6,581,039     |
| System for Facilitating the Navigation of Data                                                                                                   | USA     | 23-Nov-99   | 09/447,941         | 30-Dec-03   | 6,671,692     |
| System for Effectively Collecting and Disseminating Data                                                                                         | USA     | 23-Nov-99   | 09/448,624         | 30-Dec-03   | 6,671,693     |
| System for Providing an Interface for Accessing Data in a Discussion Database                                                                    | USA     | 23-Nov-99   | 09/449,421         | 27-May-03   | 6,571,235     |
| On-Line Transaction Control During Activation of Local Telecommunication Service                                                                 | USA     | 30-Nov-99   | 09/451,267         | 23-Sep-03   | 6,625,651     |
| Process for Submitting and Handling a Service Request in a Local Service Management System                                                       | USA     | 30-Nov-99   | 09/451,372         | 2-Nov-04    | 6,813,278     |
| Operations Architecture to Implement a Local Service Activation Management System                                                                | USA     | 30-Nov-99   | 09/451,827         | 28-Dec-04   | 6,836,803     |
| Service Request Processing in a Local Service Activation Management Environment                                                                  | USA     | 30-Nov-99   | 09/452,057         | 4-May-04    | 6,732,157     |
| System, Method and Article of Manufacture for a User Programmable Diary Interface Link                                                           | USA     | 22-Dec-99   | 09/469,400         | 10-May-05   | 6,892,196     |
| Account Settlement and Financing in an E-Commerce Environment                                                                                    | USA     | 22-Dec-99   | 09/470,023         | 30-Sep-03   | 6,629,081     |
| Initiating an Agreement in an E-Commerce Environment                                                                                             | USA     | 22-Dec-99   | 09/470,039         | 27-Jun-06   | 7,069,234     |
| Initiation of Bidding in a Virtual Trade Financial Environment                                                                                   | USA     | 22-Dec-99   | 09/470,041         | 27-Oct-09   | 7,510,233     |
| Electronic Menu Document Creator in a Virtual Financial Environment                                                                              | USA     | 22-Dec-99   | 09/470,042         | 23-Jan-07   | 7,157,844     |
| Providing an Integrated Service Assurance Environment for a Network                                                                              | USA     | 23-Dec-99   | 09/470,776         | 27-May-03   | 6,571,285     |
| Controlling Data Collection, Manipulation and Storage on a Network with Service Assurance Capabilities                                           | USA     | 23-Dec-99   | 09/471,777         | 10-Jan-06   | 6,985,901     |
| System and Method for Translating To and From Hierarchical Information Systems                                                                   | USA     | 7-Jan-00    | 09/479,840         | 18-Feb-03   | 6,523,042     |
| Application Server Provider Framework                                                                                                            | USA     | 14-Jan-00   | 09/483,062         | 7-Jun-05    | 6,904,449     |
| A Goal Based Educational System Utilizing a Remediation Object                                                                                   | USA     | 10-Feb-00   | 09/502,142         | 2-Dec-03    | 6,668,398     |
| Goal Based Educational System with Personalized Coaching                                                                                         | USA     | 10-Feb-00   | 09/502,348         | 10-Dec-02   | 6,493,690     |
| Employee Analysis Based on Results of an Education Business Simulation                                                                           | USA     | 23-Feb-00   | 09/511,340         | 13-Sep-05   | 6,944,596     |
| Knowledge Model-Based Indexing of Information                                                                                                    | USA     | 8-Mar-00    | 09/520,578         | 18-Oct-05   | 6,957,205     |
| Knowledge Management Tool for Data Items                                                                                                         | USA     | 8-Mar-00    | 09/520,579         | 27-Apr-04   | 6,727,927     |
| Financial Manager User Interface                                                                                                                 | USA     | 8-Mar-00    | 09/520,580         | 12-Jun-07   | 7,231,608     |
| Knowledge Management Tool for Providing Abstracts of Information                                                                                 | USA     | 8-Mar-00    | 09/520,586         | 13-May-03   | 6,564,209     |
| Knowledge Management Tool                                                                                                                        | USA     | 8-Mar-00    | 09/520,939         | 13-Apr-04   | 6,721,726     |

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| APPLICATION TITLE                                                                                                             | COUNTRY | FILING DATE | APPLICATION NUMBER | PATENT DATE | PATENT NUMBER |
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| Making Financial Decisions by Balancing Goals in a Financial Manager                                                          | USA     | 8-Mar-00    | 09/520,943         |             |               |
| Knowledge Management Tool Proposal Wizard                                                                                     | USA     | 8-Mar-00    | 09/521,235         | 7-Apr-08    | 7,350,138     |
| System for Generating Charts in a Knowledge Management Tool                                                                   | USA     | 8-Mar-00    | 09/521,471         | 31-May-05   | 6,900,807     |
| Generating a Data Request Graphical User Interface for Use in an Electronic Supply Chain Value Assessment                     | USA     | 21-Mar-00   | 09/531,830         | 20-May-03   | 6,567,822     |
| System, Method and Article of Manufacture for Test Maintenance in an Automated Scripting Framework                            | USA     | 27-Mar-00   | 09/536,264         | 2-Mar-04    | 6,701,514     |
| A Table-Driven Automated Scripting Architecture                                                                               | USA     | 27-Mar-00   | 09/536,878         | 31-Dec-02   | 6,502,102     |
| Language-Driven Interface for an Automated Testing Framework                                                                  | USA     | 27-Mar-00   | 09/536,879         | 14-Jun-05   | 6,907,546     |
| Customizing an Electronic Interface to the Government                                                                         | USA     | 31-Mar-00   | 09/540,095         | 20-Mar-07   | 7,194,426     |
| Error and Load Summary Reporting in a Health Care Solution Environment                                                        | USA     | 13-Apr-00   | 09/549,236         | 22-Jul-08   | 7,403,901     |
| Method for Providing a Notification When a Plurality of Users are Altering Similar Data in a Health Care Solution Environment | USA     | 13-Apr-00   | 09/549,237         | 2-Mar-04    | 6,701,345     |
| Insurance File Note Generation Method and System                                                                              | USA     | 14-Apr-00   | 09/550,499         | 21-Mar-06   | 7,017,111     |
| Information Portal in a Contract Manufacturing Framework                                                                      | USA     | 17-Apr-00   | 09/550,583         | 2-Oct-07    | 7,277,865     |
| Listing Activities in a Graphical User Interface in a Collaborative Work Tool Architecture                                    | USA     | 17-Apr-00   | 09/550,987         | 31-Jan-06   | 6,993,723     |
| Conducting Activities in a Collaborative Work Tool Architecture                                                               | USA     | 17-Apr-00   | 09/551,037         | 30-Jan-07   | 7,171,448     |
| Collaboration Planning in a Collaborative Work Tool Architecture                                                              | USA     | 17-Apr-00   | 09/551,039         | 25-Jul-06   | 7,082,430     |
| Supply Chain/Workflow Services in a Contract Manufacturing Framework                                                          | USA     | 17-Apr-00   | 09/551,181         | 1-Apr-08    | 7,353,180     |
| Verification and Printing of a Tax Return in a Network-Based Tax Architecture                                                 | USA     | 26-Apr-00   | 09/558,920         | 13-Oct-09   | 7,603,301     |
| Providing Tax Services in a Network-Based Tax Architecture                                                                    | USA     | 26-Apr-00   | 09/559,114         |             |               |
| Network-Based Tax Framework Database                                                                                          | USA     | 26-Apr-00   | 09/559,204         | 19-Jun-07   | 7,234,103     |
| Network-Based Child Support Framework                                                                                         | USA     | 27-Apr-00   | 09/560,665         | 11-May-10   | 7,716,059     |
| System for Calculating a Support Payment in a Network-Based Child Support Framework                                           | USA     | 27-Apr-00   | 09/561,615         |             |               |
| Claims Data Analysis Toolkit                                                                                                  | USA     | 28-Apr-00   | 09/559,725         | 20-May-08   | 7,376,573     |
| Creating Collaborative Application Sharing                                                                                    | USA     | 5-May-00    | 10/009,577         | 16-May-06   | 7,047,279     |
| Creating Collaborative Simulations for Collaborative Simulations with Multiple Roles for a Single Student                     | USA     | 5-May-00    | 10/018,062         | 9-Oct-07    | 7,280,991     |
| Method and System for Providing a Financial Analysis of an Enhanced Wireless Communications Service                           | USA     | 26-May-00   | 09/580,233         | 11-Mar-08   | 7,343,334     |
| Method and System for Web Based Straight Through Processing                                                                   | USA     | 12-Jun-00   | 09/592,048         |             |               |
| System and Method for Providing a Multi-Channel Customer Interaction Center                                                   | USA     | 30-Jun-00   | 09/606,293         | 1-Apr-08    | 7,353,182     |
| Method for Evaluating Activity-Based Costs of a Company                                                                       | USA     | 18-Jul-00   | 09/618,286         | 20-May-08   | 7,376,647     |
| Method and System for Content Management Assessment, Planning and Delivery                                                    | USA     | 26-Jul-00   | 09/626,100         | 2-May-06    | 7,039,594     |
| A Goal Based System Utilizing a Time Based Model                                                                              | USA     | 31-Jul-00   | 09/629,367         | 15-Apr-03   | 6,549,893     |
| On-Line Experimentation                                                                                                       | USA     | 25-Aug-00   | 09/648,429         | 23-Aug-06   | 6,934,748     |
| Insurance Pattern Analysis                                                                                                    | USA     | 28-Aug-00   | 09/649,766         | 8-Jul-08    | 7,398,218     |
| Capture Highly Refined Claim Evaluation Information Across Multiple Web Interfaces                                            | USA     | 22-Sep-00   | 09/667,611         | 29-Jul-08   | 7,406,427     |
| Providing Evaluation and Processing of Line Items                                                                             | USA     | 22-Sep-00   | 09/667,612         | 17-Oct-06   | 7,124,112     |
| Line Item Data Processing                                                                                                     | USA     | 22-Sep-00   | 09/667,637         | 5-Aug-08    | 7,409,355     |
| Method and System for an Electronic Procurement System for State Governments                                                  | USA     | 22-Sep-00   | 09/668,849         | 19-Jul-05   | 6,920,430     |
| Communication Service Architectures for Netcentric Computing Systems                                                          | USA     | 29-Sep-00   | 09/675,232         | 27-Jun-06   | 7,068,680     |
| Operations Architectures for Netcentric Computing Systems                                                                     | USA     | 29-Sep-00   | 09/676,584         | 19-Aug-08   | 7,415,509     |
| Base Service Architectures for Netcentric Computing Systems                                                                   | USA     | 29-Sep-00   | 09/677,074         | 29-Mar-05   | 6,874,010     |
| Data Management for Netcentric Computing Systems                                                                              | USA     | 29-Sep-00   | 09/677,134         | 22-Jul-08   | 7,403,946     |
| Presentation Service Architectures for Netcentric Computing Systems                                                           | USA     | 29-Sep-00   | 09/677,135         | 17-Jan-06   | 6,988,249     |
| Real Time Tertiary Operation for Resolving Irregularities in Aircraft Operations                                              | USA     | 4-Oct-00    | 09/678,858         | 25-Jun-01   | 6,253,147     |

**SCHEDULE A**

| APPLICATION TITLE                                                                                                       | COUNTRY | FILING DATE | APPLICATION NUMBER | PATENT DATE | PATENT NUMBER |
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| Method for Determining Total Cost of Ownership                                                                          | USA     | 6-Oct-00    | 09/680,902         | 28-Mar-06   | 7,020,621     |
| Method and Estimator for Providing Capacity Modeling and Planning                                                       | USA     | 6-Oct-00    | 09/684,154         | 18-May-04   | 6,738,736     |
| Configuring Mechanical Equipment                                                                                        | USA     | 17-Oct-00   | 09/690,793         | 27-Dec-05   | 6,980,959     |
| Method and System for Facilitating a Trusted On-Line Transaction Between Businesses and Networked Consumers             | USA     | 20-Oct-00   | 09/693,437         | 26-Aug-08   | 7,416,429     |
| Method and System for Identifying Bottlenecks in a Securities Processing System                                         | USA     | 25-Oct-00   | 09/696,544         | 24-Oct-06   | 7,127,421     |
| User Interface for a Financial Modeling System                                                                          | USA     | 1-Nov-00    | 09/704,838         |             |               |
| Data Warehouse Computing System                                                                                         | USA     | 3-Nov-00    | 09/705,576         | 21-Feb-05   | 7,003,560     |
| Framework for Integrating Existing and New Information Technology Applications and Systems                              | USA     | 3-Nov-00    | 09/705,577         | 17-Oct-06   | 7,124,413     |
| Architectures for Netcentric Computing Systems                                                                          | USA     | 3-Nov-00    | 09/706,012         | 29-Mar-06   | 7,020,697     |
| Communications System for Supporting Inter-Dependent Data Messages                                                      | USA     | 9-Nov-00    | 09/709,980         | 3-Feb-04    | 6,587,700     |
| Method and System for Enhancing a Commercial Transaction Conducted Via a Communications Network                         | USA     | 9-Nov-00    | 09/709,990         | 5-Jan-04    | 6,575,178     |
| Method and System for Translating Data Associated with a Relational Database                                            | USA     | 9-Nov-00    | 09/710,132         | 27-Jan-04   | 6,684,222     |
| Method and System for Managing the Supply of a Transactional Subject                                                    | USA     | 9-Nov-00    | 09/710,150         |             |               |
| Method and System for Business Planning Via a Communications Network                                                    | USA     | 9-Nov-00    | 09/710,154         |             |               |
| Electronic Security System and Scheme for a Communications Network                                                      | USA     | 9-Nov-00    | 09/710,155         | 7-Aug-07    | 7,254,833     |
| System and Method for Automated Border-Crossing Checks                                                                  | USA     | 14-Nov-00   | 10/130,377         | 18-Sep-07   | 7,272,721     |
| System and Method for Automated Border-Crossing Checks                                                                  | USA     | 14-Nov-00   | 11/900,677         |             |               |
| System and Method for Assisting the Buying and Selling of Property                                                      | USA     | 28-Nov-00   | 09/722,341         | 21-Mar-06   | 7,016,866     |
| Information Service System                                                                                              | USA     | 5-Jan-01    | 10/182,231         | 6-Mar-07    | 7,188,184     |
| System and Method of Preparing and Processing Data for Trade Promotion                                                  | USA     | 24-Jan-01   | 09/768,144         | 22-Mar-05   | 6,871,183     |
| Ordering Items of Playable Content or Other Works                                                                       | USA     | 21-Feb-01   | 10/704,569         | 14-Jul-09   | 7,562,032     |
| System, Method and Computer Program Product for a B2B Procurement Portal                                                | USA     | 27-Feb-01   | 09/796,106         |             |               |
| Providing Customs Information                                                                                           | USA     | 28-Feb-01   | 09/796,277         | 9-Dec-08    | 7,464,054     |
| Online Wardrobe                                                                                                         | USA     | 2-Mar-01    | 09/798,232         | 20-Mar-07   | 7,194,428     |
| Real World Showroom                                                                                                     | USA     | 19-Mar-01   | 09/812,181         | 27-Jul-04   | 6,766,947     |
| Methods and Apparatus for Processing Data in a Content Network                                                          | USA     | 26-Mar-01   | 09/817,917         |             |               |
| Matrix-Based User Interface and System for Creating the Same                                                            | USA     | 2-Apr-01    | 09/824,355         |             |               |
| Performing Predictive Maintenance on Equipment                                                                          | USA     | 3-Apr-01    | 09/825,633         | 18-May-04   | 6,738,748     |
| Detecting Emotions in Voice Signals in a Call Center                                                                    | USA     | 10-Apr-01   | 09/833,301         |             |               |
| Tertiary Operation for Repairing Irregularities in Aircraft Operations                                                  | USA     | 11-Apr-01   | 09/832,523         | 29-May-02   | 6,397,142     |
| Online Medicine Cabinet                                                                                                 | USA     | 23-Apr-01   | 09/840,248         | 25-Mar-03   | 6,539,281     |
| Method and System for a Wireless Universal Mobile Product Interface                                                     | USA     | 23-Apr-01   | 09/840,477         |             |               |
| Computer Display Device                                                                                                 | USA     | 24-Apr-01   | 29/140,825         | 5-Nov-02    | 6,465,217     |
| General and Reusable Components for Defining Net-Centric Application Program Architecture (GRNDS)                       | USA     | 17-May-01   | 09/859,765         | 29-Nov-05   | 6,971,001     |
| Method and System for Generating Optimal Solutions for Open Pairings Through One-Way Fixes and Matching Transformations | USA     | 29-May-01   | 09/867,251         | 13-Mar-07   | 7,191,140     |
| Digital Content Publication                                                                                             | USA     | 12-Jun-01   | 09/879,267         |             |               |
| A Simulation Enabled Retail Management Tutorial System                                                                  | USA     | 22-Jun-01   | 09/887,188         |             |               |
| Simulation Enabled Focused Feedback Tutorial System                                                                     | USA     | 22-Jun-01   | 09/887,824         | 10-Jun-08   | 7,386,524     |
| Method and Apparatus for Offering Digital Content for Sale Over Communications Network                                  | USA     | 16-Jul-01   | 10/275,193         |             |               |
| Rule-Based On-Line Product Selection                                                                                    | USA     | 20-Jul-01   | 09/910,189         | 18-Mar-08   | 7,346,561     |
| Enhanced Custom Content Television                                                                                      | USA     | 8-Aug-01    | 09/924,669         | 8-Dec-09    | 7,531,327     |
| Integrating Enterprise Support Systems                                                                                  | USA     | 9-Aug-01    | 09/927,957         | 19-May-09   | 7,536,697     |



**SCHEDULE A**

| APPLICATION TITLE                                                                                                         | COUNTRY | FILING DATE | APPLICATION NUMBER | PATENT DATE | PATENT NUMBER |
|---------------------------------------------------------------------------------------------------------------------------|---------|-------------|--------------------|-------------|---------------|
| Financial Modeling and Counseling System                                                                                  | USA     | 10-Aug-01   | 09/927,560         | 15-Jul-08   | 7,401,040     |
| Financial Planning and Counseling System Projecting User Cash Flow                                                        | USA     | 13-Aug-01   | 09/929,610         |             |               |
| Communications Interface for a Financial Modeling and Counseling System                                                   | USA     | 13-Aug-01   | 09/929,735         | 1-Jan-08    | 7,315,837     |
| Automated Financial Portfolio Coaching and risk Management                                                                | USA     | 15-Aug-01   | 09/930,786         |             |               |
| Creating a Virtual Consultant                                                                                             | USA     | 22-Aug-01   | 09/934,924         |             |               |
| Interactive Simulations Utilizing a Remote Knowledge Base                                                                 | USA     | 22-Aug-01   | 09/935,219         | 31-Jan-06   | 6,993,513     |
| Computer Enabled Training of a User to Validate Assumptions                                                               | USA     | 22-Aug-01   | 09/935,348         | 18-May-04   | 6,736,642     |
| Digital Content Subscription Conditioning System                                                                          | USA     | 27-Aug-01   | 09/940,276         | 17-Mar-09   | 7,505,936     |
| Transitive Trust Network                                                                                                  | USA     | 30-Aug-01   | 09/945,469         | 28-Nov-06   | 7,143,052     |
| Remotely Monitoring a Data Processing System Via a Communications Network                                                 | USA     | 31-Aug-01   | 09/943,964         | 17-Jun-08   | 7,389,341     |
| Remotely Managing a Data Processing System Via a Communications Network                                                   | USA     | 31-Aug-01   | 09/945,188         |             |               |
| PLANNING, SCHEDULING AND ALLOCATION OF MKO RESOURCES                                                                      | USA     | 4-Sep-01    | 09/946,032         | 25-Nov-08   | 7,457,762     |
| Maintenance, Repair and Overhaul Management                                                                               | USA     | 4-Sep-01    | 09/946,093         |             |               |
| Identification, Categorization and Integration of Unplanned Maintenance, Repair and Overhaul Work on Mechanical Equipment | USA     | 4-Sep-01    | 09/946,095         | 21-Oct-08   | 7,440,906     |
| Location Based Services                                                                                                   | USA     | 4-Sep-01    | 09/946,111         | 13-Sep-05   | 6,944,447     |
| COMPUTERIZED PREDICTIVE MAINTENANCE SYSTEM AND METHOD                                                                     | USA     | 4-Sep-01    | 09/946,160         | 18-Apr-06   | 7,031,941     |
| Component Provisioning or Issuance in a Maintenance, Repair or Overhaul Environment                                       | USA     | 4-Sep-01    | 09/946,894         | 16-Nov-04   | 6,820,038     |
| Performing Predictive Maintenance Based on a Predictive Maintenance Target                                                | USA     | 4-Sep-01    | 09/947,024         | 10-Mar-09   | 7,502,744     |
| Planning and Scheduling Modification of a Configuration                                                                   | USA     | 4-Sep-01    | 09/947,136         | 2-Dec-08    | 7,461,008     |
| Predictive Maintenance System                                                                                             | USA     | 4-Sep-01    | 09/947,157         | 25-Nov-08   | 7,457,763     |
| Lab Window Collaboration                                                                                                  | USA     | 14-Sep-01   | 09/952,986         | 28-Feb-06   | 7,007,236     |
| Mobile Object Tracker                                                                                                     | USA     | 3-Oct-01    | 09/970,438         | 16-Mar-04   | 6,705,522     |
| Inspecting and Releasing Goods at a Land, Air, or Sea Border                                                              | USA     | 5-Oct-01    | 09/970,789         | 4-May-10    | 7,711,572     |
| Automated Coaching for a Financial Modeling and Counseling System                                                         | USA     | 12-Oct-01   | 09/976,443         | 24-Aug-10   | 7,783,545     |
| XML-Based Multi-Format Business Services Design Pattern                                                                   | USA     | 18-Oct-01   | 09/981,453         | 13-Nov-07   | 7,296,226     |
| Industrial Augmented Reality                                                                                              | USA     | 19-Oct-01   | 10/046,468         | 24-Oct-06   | 7,126,558     |
| Goal Based System Utilizing a Time Based Model                                                                            | USA     | 22-Oct-01   | 09/868,708         | 30-May-06   | 7,054,848     |
| Dynamic Credit Management                                                                                                 | USA     | 31-Oct-01   | 09/999,580         | 29-Apr-08   | 7,366,693     |
| Creating Chat Rooms with Multiple Roles for Multiple Participants                                                         | USA     | 5-Nov-01    | 10/008,265         | 19-Dec-08   | 7,152,092     |
| Improved Debt Collection Practices                                                                                        | USA     | 5-Nov-01    | 10/011,523         | 22-Jul-08   | 7,403,923     |
| System and Method for Inputting, Retrieving, Organizing and Analyzing Data                                                | USA     | 7-Nov-01    | 10/007,261         | 11-Jan-05   | 6,840,442     |
| Integrated Decision Support System for Optimizing the Training and Transition of Airline Pilots                           | USA     | 13-Nov-01   | 10/054,343         | 18-Mar-08   | 7,346,528     |
| Mobile Guide Communications System                                                                                        | USA     | 6-Dec-01    | 10/010,657         | 11-Dec-07   | 7,308,486     |
| Accelerated Process Improvement Framework                                                                                 | USA     | 7-Dec-01    | 10/005,759         | 25-Apr-06   | 7,035,809     |
| Stochastic Multiple Choice Knapsack Assortment Optimizer                                                                  | USA     | 13-Dec-01   | 10/021,917         | 26-Jan-10   | 7,653,561     |
| Determining the Context of Surroundings                                                                                   | USA     | 20-Dec-01   | 10/027,188         | 7-Nov-06    | 7,133,663     |
| Business Transaction Management                                                                                           | USA     | 20-Dec-01   | 10/027,664         |             |               |
| Sales Optimization                                                                                                        | USA     | 21-Dec-01   | 10/024,525         | 9-Sep-08    | 7,424,440     |
| Employee Transfer and Leave Optimization Processor                                                                        | USA     | 10-Jan-02   | 10/045,806         | 24-Jul-07   | 7,249,047     |
| Rapid Generation of Minimum Length Pilot Training Schedules                                                               | USA     | 11-Jan-02   | 10/045,522         | 3-Jul-07    | 7,240,618     |
| Establishment of Preferred Business Partners Using a Vendor Certification Program                                         | USA     | 25-Jan-02   | 10/056,569         | 24-Jan-06   | 6,990,465     |
| Tracking System Incorporating Business Intelligence                                                                       | USA     | 25-Jan-02   | 10/056,887         | 1-Dec-09    | 7,627,666     |
| Configuring Architecture for Mobile Access to at Least One Business Resource                                              | USA     | 29-Jan-02   | 10/059,502         | 2-May-06    | 7,039,591     |
| Improved Integrated Decision Support System for Optimizing the Training and Transition of Airline Pilots                  | USA     | 31-Jan-02   | 10/062,099         | 27-May-08   | 7,379,887     |
| Supplier Performance Reporting                                                                                            | USA     | 6-Feb-02    | 10/071,802         | 7-Mar-06    | 7,010,496     |



**SCHEDULE A**

| APPLICATION TITLE                                                                            | COUNTRY | FILING DATE | APPLICATION NUMBER | PATENT DATE | PATENT NUMBER |
|----------------------------------------------------------------------------------------------|---------|-------------|--------------------|-------------|---------------|
| Retrieving Documents Over a Network With a Wireless Communication Device                     | USA     | 7-Feb-02    | 10/071,936         | 4-May-10    | 7,711,854     |
| Providing Human Performance Management Data and Insight                                      | USA     | 7-Feb-02    | 10/072,551         | 26-Feb-08   | 7,337,120     |
| Display of Data Element Indicia Based on Data Types                                          | USA     | 12-Feb-02   | 10/074,384         | 7-Feb-06    | 6,996,774     |
| Aggregation of Credit Facilities                                                             | USA     | 12-Feb-02   | 10/467,737         |             |               |
| Wearable Computer System and Modes of Operating the System                                   | USA     | 28-Feb-02   | 10/087,134         | 25-Apr-06   | 7,035,091     |
| Automatic Generation of Personal Homepages for a Sales Force                                 | USA     | 1-Mar-02    | 10/087,158         | 15-Jun-10   | 7,739,590     |
| Content Bank for Objects                                                                     | USA     | 4-Mar-02    | 10/090,550         | 15-Jul-08   | 7,401,054     |
| Mobile Decision Support System                                                               | USA     | 8-Mar-02    | 10/094,373         |             |               |
| Mobile Valet                                                                                 | USA     | 19-Mar-02   | 10/101,240         | 18-Oct-05   | 6,957,393     |
| Single Access Point for Filing of Converted Electronic Forms to Multiple Processing Entities | USA     | 26-Mar-02   | 10/107,719         | 23-Feb-10   | 7,669,116     |
| Broadband Communications                                                                     | USA     | 26-Mar-02   | 10/472,799         |             |               |
| Overall Risk in a System                                                                     | USA     | 29-Mar-02   | 10/113,202         | 17-May-05   | 6,895,383     |
| Determination of Attributes Based on Product Descriptions                                    | USA     | 10-Apr-02   | 10/119,665         |             |               |
| Location-Based Remote Monitoring                                                             | USA     | 11-Apr-02   | 10/120,627         |             |               |
| Natural Language Processing for a Location-Based Services System                             | USA     | 25-Apr-02   | 10/131,898         | 14-Oct-08   | 7,437,295     |
| Routing Call Failures in a Location-Based Services System                                    | USA     | 25-Apr-02   | 10/133,118         | 12-Aug-08   | 7,412,260     |
| Advertising Campaign and Business Listing Management for a Location Based Services System    | USA     | 26-Apr-02   | 10/133,536         |             |               |
| Method for Passive Mining of Usage Information in a Location Based Services System           | USA     | 26-Apr-02   | 10/133,537         | 1-Feb-06    | 6,848,542     |
| Tracking Purchases in a Location Based Services System                                       | USA     | 26-Apr-02   | 10/134,405         | 13-Apr-10   | 7,698,228     |
| Method and Apparatus for Deploying Programs and Computing Platforms to Selected Computers    | USA     | 30-Apr-02   | 10/135,328         | 15-May-07   | 7,219,344     |
| Secure Virtual Marketplace for Virtual Objects and Services                                  | USA     | 2-May-02    | 10/139,064         | 24-Jul-07   | 7,249,139     |
| Workstation Deployment                                                                       | USA     | 6-May-02    | 10/139,759         | 20-Feb-07   | 7,181,512     |
| Telecommunications Virtual Simulator                                                         | USA     | 8-May-02    | 10/142,394         | 20-Dec-05   | 6,976,846     |
| Benchmark Testing                                                                            | USA     | 14-May-02   | 10/477,660         | 9-Dec-08    | 7,464,123     |
| DISTRIBUTED TRANSACTION EVENT MATCHING                                                       | USA     | 21-May-02   | 10/152,890         | 23-Jun-09   | 7,552,205     |
| Broadband Communications                                                                     | USA     | 22-May-02   | 10/478,572         |             |               |
| Method of Data Block Aggregation                                                             | USA     | 29-May-02   | 10/156,973         | 13-Feb-07   | 7,177,870     |
| Method of Producing a Software Product                                                       | USA     | 13-Jun-02   | 10/311,648         | 14-Aug-07   | 7,257,804     |
| Broadband Communications                                                                     | USA     | 3-Jul-02    | 10/481,933         |             |               |
| Computer Based System and Method of Determining a Satisfaction Index of a Text               | USA     | 9-Jul-02    | 10/344,328         | 30-Sep-08   | 7,430,552     |
| Management Interface Between a Core Telecommunications System and a Local Service Provider   | USA     | 12-Jul-02   | 10/194,346         | 1-Nov-05    | 6,961,778     |
| Detecting Emotions Using Voice Signal Analysis                                               | USA     | 12-Jul-02   | 10/194,908         | 22-May-07   | 7,222,075     |
| Media Indexing Beacon and Capture Device                                                     | USA     | 18-Jul-02   | 10/064,477         |             |               |
| Method to Improve Debt Collection Practices                                                  | USA     | 22-Jul-02   | 10/200,262         | 15-Jul-08   | 7,401,050     |
| Community of Multimedia Agents                                                               | USA     | 23-Jul-02   | 10/200,891         |             |               |
| Training Enterprise and Method Therefor                                                      | USA     | 30-Jul-02   | 10/486,136         |             |               |
| Change Navigation Toolkit                                                                    | USA     | 1-Aug-02    | 10/210,299         |             |               |
| Business Data Analysis                                                                       | USA     | 8-Aug-02    | 10/215,243         |             |               |
| Currency Management                                                                          | USA     | 9-Aug-02    | 10/215,671         |             |               |
| Portal Value Indicator Framework and Tool                                                    | USA     | 9-Aug-02    | 10/216,031         |             |               |
| Non-Custodial and/or Custodial Parent Location Service                                       | USA     | 12-Aug-02   | 10/216,665         |             |               |
| eCommerce Benchmarking                                                                       | USA     | 20-Aug-02   | 10/487,692         |             |               |
| Web Map Tool                                                                                 | USA     | 23-Aug-02   | 10/148,495         | 23-Sep-08   | 7,428,705     |
| System for Providing Computer-Assisted Development                                           | USA     | 4-Sep-02    | 10/234,610         |             |               |
| Computer Self-Support Management                                                             | USA     | 5-Sep-02    | 10/235,152         |             |               |
| Defined Contribution Benefits Tool                                                           | USA     | 9-Sep-02    | 10/237,889         | 1-Sep-09    | 7,584,107     |
| Compressed Experiential Learning                                                             | USA     | 18-Sep-02   | 10/245,715         | 3-Mar-09    | 7,497,688     |
| Collaborative Portal System for Business Launch Centers and Other Environments               | USA     | 30-Sep-02   | 10/259,840         |             |               |
| Multi-Modal Callback                                                                         | USA     | 3-Oct-02    | 10/263,501         | 19-Jun-07   | 7,233,656     |
| Multi-Modal Messaging                                                                        | USA     | 3-Oct-02    | 10/263,523         | 7-Aug-07    | 7,254,384     |
| Service Authorizer                                                                           | USA     | 3-Oct-02    | 10/263,566         | 21-Oct-08   | 7,441,016     |
| Virtual Customer Database                                                                    | USA     | 3-Oct-02    | 10/264,219         | 30-Dec-08   | 7,472,051     |

**SCHEDULE A**

| APPLICATION TITLE                                                                               | COUNTRY | FILING DATE | APPLICATION NUMBER | PATENT DATE | PATENT NUMBER |
|-------------------------------------------------------------------------------------------------|---------|-------------|--------------------|-------------|---------------|
| Business Driven Learning Solution                                                               | USA     | 7-Oct-02    | 10/265,156         |             |               |
| Dynamic Service Fulfillment                                                                     | USA     | 15-Oct-02   | 10/271,146         |             |               |
| Industrial Augmented Reality                                                                    | USA     | 18-Oct-02   | 10/492,437         | 13-May-08   | 7,372,451     |
| A Generic Connector Between a Middleware Layer and a Server Software Object                     | USA     | 21-Oct-02   | 10/278,171         | 1-Dec-09    | 7,627,853     |
| Data Processing System and Method                                                               | USA     | 24-Oct-02   | 10/493,588         |             |               |
| Central Administration of One or More Resources                                                 | USA     | 5-Nov-02    | 10/288,275         |             |               |
| Security Checkpoint Simulation                                                                  | USA     | 14-Nov-02   | 10/293,469         | 19-Sep-06   | 7,110,925     |
| System for Improving Processes and Outcomes in Risk Assessment                                  | USA     | 18-Nov-02   | 10/299,960         |             |               |
| Standardized Customer Application and Record for Inputting Customer Data into Analytic Models   | USA     | 22-Nov-02   | 10/302,337         | 16-May-06   | 7,047,251     |
| Adaptive Marketing Using Insight Driven Customer Interaction                                    | USA     | 22-Nov-02   | 10/302,395         | 27-Apr-10   | 7,707,059     |
| Multi-Dimensional Segmentation for Use in a Customer Interaction                                | USA     | 22-Nov-02   | 10/302,418         | 13-Apr-10   | 7,698,163     |
| Universal Authorization and Access Control Security Measure for Applications                    | USA     | 25-Nov-02   | 10/303,357         |             |               |
| Content Management System for the Telecommunications Industry                                   | USA     | 27-Nov-02   | 10/305,835         | 13-Jun-06   | 7,062,508     |
| Enforcing Template Completion When Publishing to a Content Management System                    | USA     | 27-Nov-02   | 10/306,026         | 1-Jul-08    | 7,395,499     |
| Communicating Solution Information in a Knowledge Management System                             | USA     | 27-Nov-02   | 10/306,248         |             |               |
| Ensuring Completeness When Publishing to a Content Management System                            | USA     | 27-Nov-02   | 10/306,563         | 10-Mar-09   | 7,502,997     |
| Dual Informational System for Contact Center Users                                              | USA     | 27-Nov-02   | 10/306,577         | 3-Apr-07    | 7,200,514     |
| Service Control Architecture                                                                    | USA     | 27-Nov-02   | 10/306,979         | 11-May-10   | 7,716,333     |
| Service Control Framework for Seamless Transfer of a Multimedia Conference over Different Media | USA     | 27-Nov-02   | 10/307,142         | 8-Jun-10    | 7,734,793     |
| Accelerated Process Improvement Framework                                                       | USA     | 9-Dec-02    | 10/314,421         |             |               |
| Compiling and Distributing Modular Electronic Publishing and Electronic Instruction Materials   | USA     | 12-Dec-02   | 10/317,200         |             |               |
| Business Driven Learning Solution Particularly Suitable for Sales-Oriented Organizations        | USA     | 12-Dec-02   | 10/317,213         | 20-Apr-10   | 7,702,531     |
| Arbitrary Object Tracking in Augmented Reality Applications                                     | USA     | 19-Dec-02   | 10/326,158         | 23-May-06   | 7,050,078     |
| System and Method for Translating To and From Hierarchical Information Systems                  | USA     | 20-Dec-02   | 10/327,622         | 4-Jul-06    | 7,072,903     |
| Automated Audit Process                                                                         | USA     | 31-Dec-02   | 10/335,362         | 13-Jan-09   | 7,478,061     |
| Customized Multi-Media Services                                                                 | USA     | 7-Jan-03    | 10/337,609         | 22-Sep-09   | 7,593,915     |
| Calculating the Benefit of an Investment in Training                                            | USA     | 23-Jan-03   | 10/349,766         |             |               |
| Context-based Display Technique                                                                 | USA     | 11-Feb-03   | 10/361,988         |             |               |
| Methodology Infrastructure and Delivery Vehicle                                                 | USA     | 14-Feb-03   | 10/367,618         |             |               |
| Methods for Managing and Developing Sourcing and Procurement Operations                         | USA     | 19-Feb-03   | 10/367,790         | 27-Nov-07   | 7,302,405     |
| Electronic Toll Management                                                                      | USA     | 21-Feb-03   | 10/367,189         |             |               |
| Mobile Collection Application                                                                   | USA     | 18-Mar-03   | 10/391,430         | 30-Oct-07   | 7,289,794     |
| Dynamic Collaboration Assistant                                                                 | USA     | 19-Mar-03   | 10/391,680         | 2-Jun-09    | 7,543,237     |
| Security Checkpoint                                                                             | USA     | 25-Mar-03   | 10/395,880         | 12-Sep-08   | 7,106,192     |
| Localization of Radio-Frequency Transceivers                                                    | USA     | 25-Mar-03   | 10/510,415         | 18-Jul-06   | 7,079,850     |
| Effective Security Scheduler (ESS)                                                              | USA     | 28-Mar-03   | 10/400,441         |             |               |
| Course Content Development for for Business Driven Learning Solutions                           | USA     | 28-Mar-03   | 10/401,045         |             |               |
| Increased Visibility During Order Management in a Network-Based Supply Chain Environment        | USA     | 4-Apr-03    | 10/407,895         |             |               |
| Entitlements Administration                                                                     | USA     | 23-Apr-03   | 10/422,257         | 6-Mar-07    | 7,188,119     |
| Tax Transaction System                                                                          | USA     | 1-May-03    | 10/429,014         |             |               |
| Organizing And Managing Transaction-Related Tax Information                                     | USA     | 5-May-03    | 10/430,691         | 9-May-06    | 7,043,448     |
| Human Capital Development Framework                                                             | USA     | 7-May-03    | 10/430,674         |             |               |
| Automated Software Testing System and Method                                                    | USA     | 8-May-03    | 10/431,798         | 13-May-08   | 7,373,636     |
| Automated Assignment of Insurable Events                                                        | USA     | 9-May-03    | 10/434,827         |             |               |
| Software Tools and Method for Business Planning                                                 | USA     | 20-May-03   | 10/443,177         |             |               |

**SCHEDULE A**

| APPLICATION TITLE                                                                                                                      | COUNTRY | FILING DATE | APPLICATION NUMBER | PATENT DATE | PATENT NUMBER |
|----------------------------------------------------------------------------------------------------------------------------------------|---------|-------------|--------------------|-------------|---------------|
| Shareholder Value Enhancement                                                                                                          | USA     | 20-May-03   | 10/443,187         |             |               |
| Strategic Planning and Valuation                                                                                                       | USA     | 20-May-03   | 10/444,021         |             |               |
| Planning for Value                                                                                                                     | USA     | 21-May-03   | 10/443,802         |             |               |
| Dynamic Replacement of the Face of an Actor in a Video Movie                                                                           | USA     | 6-Jun-03    | 10/456,765         | 13-Apr-10   | 7,697,787     |
| Interactive Trying-on Cubicle                                                                                                          | USA     | 9-Jun-03    | 10/457,949         | 8-Apr-08    | 7,356,489     |
| Intelligent Collaborative Media                                                                                                        | USA     | 19-Jun-03   | 10/464,917         | 5-Aug-08    | 7,409,635     |
| Electronic Settlement of Petroleum and Gas Distributions                                                                               | USA     | 19-Jun-03   | 10/465,296         | 9-Mar-10    | 7,676,420     |
| Delivery Module and Related Platforms and Processes for a Transformational Learning Outsourcing Solution                               | USA     | 30-Jun-03   | 10/608,428         |             |               |
| Shareholder Value Tool                                                                                                                 | USA     | 1-Jul-03    | 10/609,690         |             |               |
| Sound Control Installation                                                                                                             | USA     | 7-Jul-03    | 10/614,764         | 6-Oct-09    | 7,599,502     |
| Automatic Traffic Sign Recognition                                                                                                     | USA     | 7-Jul-03    | 10/615,091         | 2-Nov-04    | 6,813,545     |
| Determining a Scent or Taste Profile for Predicting a User Adapted Scent or Taste                                                      | USA     | 7-Jul-03    | 10/615,157         | 8-Sep-09    | 7,587,331     |
| Synchronization of Agent Skill Data                                                                                                    | USA     | 15-Jul-03   | 10/619,917         |             |               |
| Rapid Knowledge Transfer Among Workers                                                                                                 | USA     | 29-Jul-03   | 10/631,468         | 22-Jan-08   | 7,321,886     |
| Method and System for Processing Observation Charts                                                                                    | USA     | 1-Aug-03    | 10/632,588         | 23-Jan-07   | 7,187,166     |
| Methodology Framework and Delivery Vehicle                                                                                             | USA     | 5-Aug-03    | 10/634,250         |             |               |
| Manufactured Article Recovery System                                                                                                   | USA     | 11-Aug-03   | 10/639,574         | 22-Nov-08   | 6,967,577     |
| Fraud Detection Method and System                                                                                                      | USA     | 13-Aug-03   | 10/639,978         |             |               |
| Transformation Opportunity Indicator                                                                                                   | USA     | 29-Aug-03   | 10/651,878         |             |               |
| Learning System and Related Methods Particularly Suitable for an Organization's Supply Chain                                           | USA     | 3-Sep-03    | 10/653,344         | 27-Nov-07   | 7,300,287     |
| Online Marketplace Channel Access                                                                                                      | USA     | 8-Sep-03    | 10/658,671         | 27-Apr-10   | 7,707,074     |
| Navigating a Software Project Repository                                                                                               | USA     | 12-Sep-03   | 10/661,805         | 3-Jun-08    | 7,383,269     |
| Business Alliance Identification in a Web Architecture Framework                                                                       | USA     | 12-Sep-03   | 10/662,037         | 12-Dec-06   | 7,149,698     |
| Remote Media Call Center                                                                                                               | USA     | 15-Sep-03   | 10/663,592         |             |               |
| Public Sector Value Model                                                                                                              | USA     | 16-Sep-03   | 10/664,797         |             |               |
| Educational Product Evaluation Method and Apparatus                                                                                    | USA     | 17-Sep-03   | 10/665,179         |             |               |
| Mobile Security Unit                                                                                                                   | USA     | 7-Oct-03    | 10/679,509         | 5-Sep-06    | 7,102,512     |
| Mobile Provisioning Tool System                                                                                                        | USA     | 7-Oct-03    | 10/680,593         | 3-Jul-07    | 7,239,877     |
| Connector Gateway                                                                                                                      | USA     | 7-Oct-03    | 10/680,661         | 29-Jan-08   | 7,324,473     |
| Border Management Solution                                                                                                             | USA     | 17-Oct-03   | 10/686,608         |             |               |
| Moving Virtual Advertising                                                                                                             | USA     | 28-Oct-03   | 10/696,747         |             |               |
| Quantitative Method for Determining and Eliminating the Drivers of Non Value Add Cost Due to Product Complexity and Process Parameters | USA     | 10-Nov-03   | 10/705,498         | 31-Jan-06   | 6,993,492     |
| Unemployment Insurance Management                                                                                                      | USA     | 12-Dec-03   | 10/733,251         |             |               |
| Directory Assistance with Multi-Modal Messaging                                                                                        | USA     | 2-Jan-04    | 10/751,022         | 29-Dec-09   | 7,640,006     |
| DETERMINATION OF THE AGE, IDENTIFICATION AND SEALING OF A PRODUCT CONTAINING VOLATILE COMPONENTS                                       | USA     | 27-Jan-04   | 10/766,738         | 21-Jul-09   | 7,565,273     |
| Marketing Forecasting Tool Using Econometric Modeling                                                                                  | USA     | 29-Jan-04   | 10/767,661         |             |               |
| Event Detection and Transmission System                                                                                                | USA     | 29-Jan-04   | 10/769,206         | 10-Jul-07   | 7,242,318     |
| Portfolio Management Evaluation                                                                                                        | USA     | 29-Jan-04   | 10/769,718         | 16-Mar-10   | 7,680,711     |
| Consortium-Based Transformation and Improvement                                                                                        | USA     | 6-Feb-04    | 10/772,410         |             |               |
| System and Data Structure for Account Management                                                                                       | USA     | 20-Feb-04   | 10/783,478         |             |               |
| Account Level Participation for Underwriting Components                                                                                | USA     | 20-Feb-04   | 10/783,841         | 23-Mar-10   | 7,685,008     |
| RFID Enabled Media System and Method                                                                                                   | USA     | 25-Feb-04   | 10/598,381         |             |               |
| Spot Market Clearing                                                                                                                   | USA     | 26-Feb-04   | 10/787,529         |             |               |
| Activity Based Costing Underwriting Tool                                                                                               | USA     | 1-Mar-04    | 10/546,973         |             |               |
| Real World Showroom                                                                                                                    | USA     | 4-Mar-04    | 10/792,952         | 22-Jul-08   | 7,401,734     |
| Capital Allocation and Risk Management                                                                                                 | USA     | 4-Mar-04    | 10/793,016         | 11-Aug-09   | 7,574,387     |
| Strategies for Online Marketplace Sales Channels                                                                                       | USA     | 5-Mar-04    | 10/794,583         | 3-Aug-10    | 7,769,640     |
| Reporting Metrics for Online Market Sales Channels                                                                                     | USA     | 9-Mar-04    | 10/797,806         | 15-Jun-10   | 7,739,148     |
| Managing Maintenance for an Item of Equipment                                                                                          | USA     | 12-Mar-04   | 10/799,914         | 17-Oct-06   | 7,124,059     |
| Cost Analysis and Reduction Tool                                                                                                       | USA     | 18-Mar-04   | 10/802,861         |             |               |
| Real-Time Sales Support and Learning Tool                                                                                              | USA     | 19-Mar-04   | 10/804,580         |             |               |
| Brand Value Management                                                                                                                 | USA     | 19-Mar-04   | 10/804,720         |             |               |
| Computer Enabled Training of a User to Validate Assumptions                                                                            | USA     | 23-Mar-04   | 10/806,983         | 8-Nov-05    | 6,962,495     |

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| APPLICATION TITLE                                                                                                                                               | COUNTRY | FILING DATE | APPLICATION NUMBER | PATENT DATE | PATENT NUMBER |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------|--------------------|-------------|---------------|
| Human Service Provider Relationship Management for Government Agencies                                                                                          | USA     | 23-Mar-04   | 10/807,031         |             |               |
| Enhancing Insight-Driven Customer Interactions with an Optimizing Engine                                                                                        | USA     | 26-Mar-04   | 10/811,367         |             |               |
| Enhancing Insight-Driven Customer Interactions                                                                                                                  | USA     | 26-Mar-04   | 10/811,439         |             |               |
| Knowledge Management Tool                                                                                                                                       | USA     | 9-Apr-04    | 10/821,629         | 19-Feb-08   | 7,333,977     |
| Controlled Multi-Media Program Review                                                                                                                           | USA     | 16-Apr-04   | 10/826,227         |             |               |
| Goal Based Educational System with Support for Dynamic Characteristic Tuning                                                                                    | USA     | 24-May-04   | 10/852,551         | 20-Sep-05   | 6,947,914     |
| Managing an Inventory of Service Parts                                                                                                                          | USA     | 8-Jun-04    | 10/862,935         |             |               |
| Auction Result Prediction                                                                                                                                       | USA     | 14-Jun-04   | 10/867,597         | 6-Jul-10    | 7,752,119     |
| Information Technology Transformation Assessment Tools                                                                                                          | USA     | 15-Jun-04   | 10/866,761         |             |               |
| Method and Apparatus to Accomplish Peer-to-Peer Application Data Routing Between Service Consumers and Service Providers within a Service Oriented Architecture | USA     | 15-Jun-04   | 10/867,916         |             |               |
| System and Method of Investing Funds                                                                                                                            | USA     | 28-Jun-04   | 10/562,185         |             |               |
| Order Management System                                                                                                                                         | USA     | 28-Jun-04   | 10/879,368         | 23-Dec-08   | 7,469,219     |
| Quantification of Operational Risks                                                                                                                             | USA     | 16-Jul-04   | 10/893,746         | 5-Aug-08    | 7,409,357     |
| Information Technology Value Strategy                                                                                                                           | USA     | 2-Aug-04    | 10/903,487         |             |               |
| Shareholder Value Tool                                                                                                                                          | USA     | 2-Aug-04    | 10/903,488         |             |               |
| Presentation Generator                                                                                                                                          | USA     | 10-Aug-04   | 10/915,082         | 22-Apr-08   | 7,363,581     |
| Mobile Micro-Band Information Distribution                                                                                                                      | USA     | 20-Aug-04   | 10/567,447         |             |               |
| Capture, Aggregation and/or Visualization of Structural Data of Architectures                                                                                   | USA     | 30-Aug-04   | 10/930,716         | 16-Feb-10   | 7,664,729     |
| Return on Investment ROI Tool                                                                                                                                   | USA     | 9-Sep-04    | 10/936,817         | 12-Jan-10   | 7,647,260     |
| Auction Insurance System                                                                                                                                        | USA     | 10-Sep-04   | 10/938,013         | 6-Jul-10    | 7,757,120     |
| Merger Integration Analysis Tool                                                                                                                                | USA     | 24-Sep-04   | 10/948,738         |             |               |
| System for Supporting Interactive Presentations to Customers                                                                                                    | USA     | 27-Sep-04   | 10/951,440         | 20-Jan-09   | 7,480,624     |
| Transformation of Organizational Structures and Operations Through Outsourcing Integration of Mergers and Acquisitions                                          | USA     | 28-Sep-04   | 10/950,695         |             |               |
| Intelligent Collaborative Expression in Support of Socialization of Devices                                                                                     | USA     | 30-Sep-04   | 10/956,262         |             |               |
| Distributed Scenario Generation                                                                                                                                 | USA     | 5-Oct-04    | 10/958,561         |             |               |
| Context-Based Display Technique with Hierarchical Display Format                                                                                                | USA     | 8-Oct-04    | 10/960,580         | 30-May-06   | 7,054,878     |
| Outsourcing Command Center                                                                                                                                      | USA     | 8-Oct-04    | 10/961,765         |             |               |
| Tool for Synchronization of Business Information                                                                                                                | USA     | 12-Oct-04   | 10/961,410         |             |               |
| Information Technology Development Transformation                                                                                                               | USA     | 1-Nov-04    | 10/977,473         |             |               |
| A System for Distributed Information Presentation and Interaction                                                                                               | USA     | 5-Nov-04    | 10/981,994         | 4-May-10    | 7,711,681     |
| Overall Risk in a System                                                                                                                                        | USA     | 9-Nov-04    | 10/984,057         | 3-Nov-09    | 7,613,625     |
| Passive Mining of Usage Information in A Location-Based Services System                                                                                         | USA     | 8-Dec-04    | 11/007,761         |             |               |
| Customer Messaging Service                                                                                                                                      | USA     | 17-Dec-04   | 11/016,353         | 26-Jan-10   | 7,653,573     |
| Automatic Connection and access Controls for Communications Devices                                                                                             | USA     | 23-Dec-04   | 11/019,289         | 13-Oct-09   | 7,603,108     |
| Media Transmission System and Method                                                                                                                            | USA     | 30-Dec-04   | 10/503,418         |             |               |
| Development of Training and Educational Experiences                                                                                                             | USA     | 30-Dec-04   | 11/024,960         |             |               |
| Voter Registration and Election Management                                                                                                                      | USA     | 9-Feb-05    | 11/055,552         |             |               |
| Knowledgebase Framework System                                                                                                                                  | USA     | 17-Feb-05   | 11/060,722         | 29-Aug-06   | 7,099,854     |
| Promotion Planning System                                                                                                                                       | USA     | 28-Feb-05   | 11/069,113         |             |               |
| Embedded Warranty Management                                                                                                                                    | USA     | 28-Feb-05   | 11/069,211         |             |               |
| System for Individualized Customer Interaction                                                                                                                  | USA     | 28-Feb-05   | 11/069,472         |             |               |
| Active Relationship Management                                                                                                                                  | USA     | 28-Feb-05   | 11/069,756         | 30-Mar-10   | 7,689,433     |
| Advanced Payment Integrity                                                                                                                                      | USA     | 2-Mar-05    | 11/070,739         |             |               |
| Alternative Sourcing Assessment                                                                                                                                 | USA     | 2-Mar-05    | 11/071,568         |             |               |
| Total Return to Shareholders Analytics                                                                                                                          | USA     | 2-Mar-05    | 11/072,354         | 25-Mar-08   | 7,349,877     |
| Future Value Analytics                                                                                                                                          | USA     | 2-Mar-05    | 11/072,895         | 8-Jul-08    | 7,398,240     |
| On-Line Experimentation                                                                                                                                         | USA     | 24-Mar-05   | 11/080,204         | 11-Dec-07   | 7,308,497     |
| Interfiring Smart Shelf                                                                                                                                         | USA     | 28-Mar-05   | 11/091,696         | 18-Sep-07   | 7,271,724     |
| Graphic for a Portion of a Computer Display Screen                                                                                                              | USA     | 30-Mar-05   | 29/226,558         | 5-Dec-06    | D533,182      |

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| APPLICATION TITLE                                                                                                | COUNTRY | FILING DATE | APPLICATION NUMBER | PATENT DATE | PATENT NUMBER |
|------------------------------------------------------------------------------------------------------------------|---------|-------------|--------------------|-------------|---------------|
| Graphic for a Portion of a Computer Display Screen                                                               | USA     | 30-Mar-05   | 29/226,559         | 29-Aug-06   | D527,387      |
| Graphic for a Portion of a Computer Display Screen                                                               | USA     | 30-Mar-05   | 29/226,560         | 29-Aug-06   | D527,388      |
| Graphic for a Portion of a Computer Display Screen                                                               | USA     | 30-Mar-05   | 29/226,561         | 8-Aug-06    | D526,323      |
| Graphic for a Portion of a Computer Display Screen                                                               | USA     | 30-Mar-05   | 29/226,605         | 8-Aug-06    | D526,324      |
| Graphic for a Portion of a Computer Display Screen                                                               | USA     | 30-Mar-05   | 29/226,606         | 15-Aug-06   | D526,653      |
| Graphic for a Portion of a Computer Display Screen                                                               | USA     | 30-Mar-05   | 29/226,611         | 5-Sep-06    | D527,735      |
| Graphic for a Portion of a Computer Display Screen                                                               | USA     | 30-Mar-05   | 29/226,612         | 5-Sep-06    | D527,736      |
| Graphic for a Portion of a Computer Display Screen                                                               | USA     | 30-Mar-05   | 29/226,613         | 15-Aug-06   | D526,654      |
| Graphic for a Portion of a Computer Display Screen                                                               | USA     | 30-Mar-05   | 29/226,614         | 15-Aug-06   | D526,655      |
| Method and System for Remotely Monitoring Meters                                                                 | USA     | 8-Apr-05    | 11/102,593         |             |               |
| System Method and Article of Manufacture for Synchronization in an Automated Scripting Framework                 | USA     | 13-Apr-05   | 11/105,229         | 14-Oct-08   | 7,437,614     |
| Apparatus and Method for Enhancing Transactions Using Rule Information to Communicate with Multiple Applications | USA     | 18-Apr-05   | 10/907,841         |             |               |
| Capability Assessment of a Training Program                                                                      | USA     | 9-May-05    | 11/124,702         |             |               |
| Knowledge Discovery Tool Relationship Generation                                                                 | USA     | 11-May-05   | 11/128,427         |             |               |
| Single Sign-On with Common Access Card                                                                           | USA     | 27-Jun-05   | 11/166,343         |             |               |
| Direct Connectivity System for Healthcare Administrative Transactions                                            | USA     | 27-Jun-05   | 11/167,548         |             |               |
| Fully Electronic Identity Authentication                                                                         | USA     | 8-Jul-05    | 11/176,681         | 21-Jul-09   | 7,565,540     |
| Dynamic Auditing of Electronic Elections                                                                         | USA     | 8-Jul-05    | 11/176,682         | 16-Jun-09   | 7,549,049     |
| Secure Internet Transactions on Unsecured Computers                                                              | USA     | 8-Jul-05    | 11/176,685         | 26-Aug-08   | 7,418,401     |
| Opportunity Management, Tracking, and Reporting System                                                           | USA     | 8-Jul-05    | 11/177,626         |             |               |
| Tax Scorecard Reporting System                                                                                   | USA     | 19-Jul-05   | 11/184,672         | 6-Jul-10    | 7,752,094     |
| Scorecard User Interface for a Display (Design)                                                                  | USA     | 19-Jul-05   | 29/234,514         | 12-Feb-08   | D561,825S     |
| Data Analysis Using Graphical Visualization                                                                      | USA     | 22-Jul-05   | 11/186,819         |             |               |
| Insurance Claim Management                                                                                       | USA     | 29-Jul-05   | 11/193,290         | 16-Feb-10   | 7,664,690     |
| Finance Diagnostic Tool                                                                                          | USA     | 11-Aug-05   | 11/201,786         |             |               |
| Personalized Marketing Architecture                                                                              | USA     | 12-Aug-05   | 11/203,444         |             |               |
| Building Analytical Models with Standardized Virtual Flat Files                                                  | USA     | 17-Aug-05   | 11/147,034         | 20-Nov-07   | 7,299,241     |
| Railcar Transport Telematics System                                                                              | USA     | 19-Aug-05   | 11/208,039         |             |               |
| Environment Service Architectures for Netcentric Computing Systems                                               | USA     | 22-Aug-05   | 11/208,491         | 8-Jun-10    | 7,734,687     |
| Documenting Processes of an Organization                                                                         | USA     | 31-Aug-05   | 11/216,494         |             |               |
| Pipeline Architecture for use with Net-Centric Application Program Architectures                                 | USA     | 16-Sep-05   | 11/228,683         | 15-Jun-10   | 7,739,657     |
| Application Framework for use with Net-Centric Application Program Architectures                                 | USA     | 16-Sep-05   | 11/228,800         |             |               |
| Architectures for Netcentric Computing Systems                                                                   | USA     | 29-Sep-05   | 11/238,895         | 16-Dec-08   | 7,467,198     |
| Manufactured Article Recovery System                                                                             | USA     | 12-Oct-05   | 11/248,086         | 10-Jun-08   | 7,385,509     |
| Mobile Valet                                                                                                     | USA     | 14-Oct-05   | 11/250,517         |             |               |
| Data Model for a Performance Management System                                                                   | USA     | 17-Oct-05   | 11/252,099         | 7-Jul-09    | 7,558,808     |
| Computer Enabled Training of a User to Validate Assumptions                                                      | USA     | 26-Oct-05   | 11/258,746         | 5-Jun-07    | 7,226,292     |
| Collaborative Intelligent Task Processor for Insurance Claims                                                    | USA     | 1-Nov-05    | 11/264,115         |             |               |
| Data Masking Application                                                                                         | USA     | 14-Nov-05   | 11/273,449         |             |               |
| Detection of Multiple Targets on a Plane of Interest                                                             | USA     | 18-Nov-05   | 11/282,349         | 6-Oct-09    | 7,599,520     |
| Reverse Rating System for Determining Duration of a Usage Transaction                                            | USA     | 30-Nov-05   | 11/289,895         | 3-Nov-09    | 7,613,657     |
| Enterprise Application Based Multi-Billing Integration System                                                    | USA     | 30-Nov-05   | 11/290,696         |             |               |
| Pre and Post-Paid Real Time Billing Convergence System                                                           | USA     | 30-Nov-05   | 11/290,917         |             |               |
| Identifying Target Customers for Campaigns to Increase Average Revenue Per User                                  | USA     | 1-Dec-05    | 11/291,438         |             |               |
| Method and System for Boosting the Average Revenue Per User of Products or Services                              | USA     | 1-Dec-05    | 11/291,439         |             |               |
| Analytic Tool for Evaluating Average Revenue Per User for Multiple Revenue Streams                               | USA     | 1-Dec-05    | 11/292,843         |             |               |
| Customer Profitability and Value Analysis System                                                                 | USA     | 2-Dec-05    | 11/293,025         |             |               |
| End-to-End Test and Diagnostic Management System                                                                 | USA     | 2-Dec-05    | 11/293,636         |             |               |
| Method and System to Route Planning of Aircraft Using Rule Based Expert System and Threat Assessment             | USA     | 5-Dec-05    | 11/293,321         | 20-Mar-07   | 7,194,353     |

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| APPLICATION TITLE                                                                                                    | COUNTRY | FILING DATE | APPLICATION NUMBER | PATENT DATE | PATENT NUMBER |
|----------------------------------------------------------------------------------------------------------------------|---------|-------------|--------------------|-------------|---------------|
| Authentication and Authorization Architecture for an Access Gateway                                                  | USA     | 13-Dec-05   | 11/313,441         |             |               |
| Unified Directory and Presence System for Universal Access to Telecommunications Services                            | USA     | 13-Dec-05   | 11/313,463         | 20-Apr-10   | 7,792,753     |
| Unified Directory System including a Data Model for Managing Access to Telecommunications Services                   | USA     | 13-Dec-05   | 11/313,496         | 23-Jun-09   | 7,551,925     |
| Service Broker Integration Layer for Supporting Telecommunication Client Service Requests                            | USA     | 13-Dec-05   | 11/313,497         |             |               |
| Message Sequencing and Data Translation Architecture for Telecommunication Services                                  | USA     | 13-Dec-05   | 11/314,576         |             | 7,769,034     |
| Third Party Access Gateway for Telecommunications Services                                                           | USA     | 13-Dec-05   | 11/314,577         |             |               |
| VIRTUAL COLLABORATION WINDOW                                                                                         | USA     | 16-Dec-05   | 11/303,302         | 21-Oct-08   | 7,441,198     |
| Wireless Handheld Device and Method with remote GUI Control                                                          | USA     | 20-Dec-05   | 11/306,229         |             |               |
| Configuration Extensions for Telecommunications Service Provider                                                     | USA     | 12-Jan-06   | 11/330,880         |             |               |
| Method and System for Creating a Plan of Projects                                                                    | USA     | 26-Jan-06   | 11/275,741         |             |               |
| IVR System Manager                                                                                                   | USA     | 27-Jan-06   | 11/347,169         |             |               |
| Enterprise Economic Modeling                                                                                         | USA     | 30-Jan-06   | 11/275,810         |             |               |
| Statistical Modeling Methods for Determining Customer Distribution by Churn Probability Within a Customer Population | USA     | 3-Feb-06    | 11/347,136         |             |               |
| Churn Prediction and Management System                                                                               | USA     | 3-Feb-06    | 11/347,141         |             |               |
| Embedded Warranty Management                                                                                         | USA     | 13-Feb-06   | 11/276,073         |             |               |
| System and Method for Online Information Analysis                                                                    | USA     | 14-Feb-06   | 11/354,668         | 23-Mar-10   | 7,685,091     |
| User-Defined Priority Call Router                                                                                    | USA     | 22-Feb-06   | 11/359,719         |             |               |
| Configurable Rating System for a Telecommunications Service Provider                                                 | USA     | 27-Feb-06   | 11/363,838         | 13-Apr-10   | 7,697,672     |
| Technology Sharing During Demand and Supply Planning in a Network-Based Supply Chain Environment                     | USA     | 27-Feb-06   | 11/363,926         |             |               |
| Dynamically Triggering Notifications to Human Participants in an Integrated Content Production Process               | USA     | 27-Feb-06   | 11/364,411         |             |               |
| Workflow Management                                                                                                  | USA     | 28-Feb-06   | 11/276,414         |             |               |
| Enterprise Performance Management Tool                                                                               | USA     | 1-Mar-06    | 11/366,168         |             |               |
| Wearable Computer System and Modes of Operating the System                                                           | USA     | 3-Mar-06    | 11/367,732         | 14-Jul-09   | 7,562,020     |
| Context-Based Display Technique with Hierarchical Display Format                                                     | USA     | 14-Mar-06   | 11/374,690         | 25-Nov-08   | 7,457,818     |
| Image Processing System for Skin Detection and Localization                                                          | USA     | 20-Mar-06   | 11/385,278         |             |               |
| Model-Driven Event Detection, Implication, and Reporting System                                                      | USA     | 22-Mar-06   | 11/387,173         | 21-Apr-09   | 7,523,137     |
| Risk Based Data Assessment                                                                                           | USA     | 24-Mar-06   | 11/909,597         |             |               |
| Service Delivery Platform and Development of New Client Business Models                                              | USA     | 7-Apr-06    | 11/399,780         |             |               |
| Localization of Radio-Frequency Transceivers                                                                         | USA     | 7-Apr-06    | 11/399,782         | 29-Dec-09   | 7,640,026     |
| Service Delivery Platform                                                                                            | USA     | 7-Apr-06    | 11/400,249         |             |               |
| Estimating Benefit Plan Costs                                                                                        | USA     | 10-Apr-06   | 11/401,735         |             |               |
| Benefit Plan Intermediary                                                                                            | USA     | 10-Apr-06   | 11/401,764         | 15-Jun-10   | 7,739,129     |
| Content Production Maintenance Tool for Human and Non-Human Activity Tracking                                        | USA     | 11-Apr-06   | 11/401,778         |             |               |
| Providing Excess Resources as a Service                                                                              | USA     | 11-Apr-06   | 11/401,985         |             |               |
| Messaging Interface Between Telecommunications Service Provider Processing Systems                                   | USA     | 13-Apr-06   | 11/403,275         |             |               |
| System for Storage and Navigation of Application States and Interactions                                             | USA     | 21-Apr-06   | 11/409,538         |             |               |
| Call Center Support and Documentation System                                                                         | USA     | 28-Apr-06   | 11/413,697         | 11-May-10   | 7,716,595     |
| Determining the Context of Surroundings                                                                              | USA     | 2-May-06    | 11/381,181         | 9-Dec-08    | 7,463,894     |
| Action Recognition and Interpretation Using a Precision Positioning System                                           | USA     | 5-May-06    | 11/381,902         | 12-Jan-10   | 7,647,198     |
| Configurable Charging System for a Telecommunications Service Provider                                               | USA     | 15-May-06   | 11/434,007         |             |               |
| Semi-Quantitative Risk Analysis                                                                                      | USA     | 19-May-06   | 11/436,978         | 3-Aug-10    | 7,769,684     |
| Interactive Voice Response System                                                                                    | USA     | 22-May-06   | 11/419,606         | 8-Jun-10    | 7,734,470     |
| Project Size Estimation Tool                                                                                         | USA     | 24-May-06   | 11/439,606         |             |               |

**SCHEDULE A**

| APPLICATION TITLE                                                                                               | COUNTRY | FILING DATE | APPLICATION NUMBER | PATENT DATE | PATENT NUMBER |
|-----------------------------------------------------------------------------------------------------------------|---------|-------------|--------------------|-------------|---------------|
| Headcount Estimating System, Method and Tool                                                                    | USA     | 26-May-06   | 11/442,644         |             |               |
| Quality Inspector Tool                                                                                          | USA     | 2-Jun-06    | 11/446,498         |             |               |
| Industry Scenario Mapping Tool                                                                                  | USA     | 7-Jun-06    | 11/448,587         |             |               |
| System and Method for Reducing Complexity in Products and Services (George Group Aquisition)                    | USA     | 8-Jun-06    | 11/449,482         |             |               |
| Electronic Toll Management and Vehicle Identification                                                           | USA     | 12-Jun-06   | 11/423,683         |             |               |
| Electronic Toll Management                                                                                      | USA     | 12-Jun-06   | 11/423,690         | 9-Mar-10    | 7,676,392     |
| Modeling Marketing Data                                                                                         | USA     | 7-Jul-06    | 11/483,401         |             |               |
| Predictive Monitoring for Vehicle Efficiency and Maintenance                                                    | USA     | 13-Jul-06   | 11/486,476         |             |               |
| Enhanced Statistical Measurement Analysis and Reporting                                                         | USA     | 14-Jul-06   | 11/457,653         |             |               |
| Presentation Layer Application Integration                                                                      | USA     | 14-Jul-06   | 11/995,660         |             |               |
| Universal Data Relationship Inference Engine                                                                    | USA     | 20-Jul-06   | 11/489,962         |             |               |
| Transitive Trust Network                                                                                        | USA     | 25-Jul-06   | 11/459,751         |             |               |
| Method and System for Facilitating, Coordinating and Managing a Competitive Marketplace                         | USA     | 27-Jul-06   | 11/494,089         |             |               |
| Work Allocation Model                                                                                           | USA     | 31-Jul-06   | 11/461,077         |             |               |
| Monte Carlo Simulation and Display of Results Thereof                                                           | USA     | 15-Aug-06   | 11/464,709         | 15-Jun-10   | 7,739,085     |
| Data Visualization for Diagnosing Computing Systems                                                             | USA     | 25-Aug-06   | 11/509,693         | 21-Apr-09   | 7,523,349     |
| Flexible Position Tracking System and Tracking and Research Methods Utilizing Such Systems                      | USA     | 25-Aug-06   | 11/509,694         | 5-May-09    | 7,528,714     |
| Methodology Infrastructure and Delivery Vehicle                                                                 | USA     | 29-Aug-06   | 11/511,786         |             |               |
| Psychometric Analysis Tool for Predicting The Renege Rate                                                       | USA     | 30-Aug-06   | 11/512,419         |             |               |
| Enterprise Entitlement Framework                                                                                | USA     | 31-Aug-06   | 11/469,414         |             |               |
| Converged Marketing Architecture and Related Research and Targeting Methods Utilizing Such Architectures        | USA     | 31-Aug-06   | 11/513,111         |             |               |
| Demographic Based Content Delivery                                                                              | USA     | 31-Aug-06   | 11/513,408         |             |               |
| Compliance Control Framework                                                                                    | USA     | 31-Aug-06   | 11/513,409         |             |               |
| VoiceMail Interface System and Method                                                                           | USA     | 31-Aug-06   | 11/513,410         |             |               |
| Central Administration of One or More Resources                                                                 | USA     | 11-Sep-06   | 11/518,836         |             |               |
| Process Modeling Systems and Methods                                                                            | USA     | 18-Sep-06   | 11/532,684         |             |               |
| A Closed-Loop Supply Chain in the Paper Packaging Sector                                                        | USA     | 19-Sep-06   | 11/533,148         |             |               |
| The Forest Factory Valuation Model                                                                              | USA     | 19-Sep-06   | 11/533,158         | 23-Mar-10   | 7,685,043     |
| High Performance Business Framework and Associated Analysis and Diagnostic Tools and Processes                  | USA     | 21-Sep-06   | 11/524,511         |             |               |
| User Collaboration System                                                                                       | USA     | 21-Sep-06   | 11/525,066         |             |               |
| Computer-Implemented Clipboard                                                                                  | USA     | 29-Sep-06   | 11/537,581         | 24-Nov-08   | 7,624,353     |
| Real-Time Collaboration and Workflow Management for a Marketing Campaign                                        | USA     | 5-Oct-06    | 11/543,660         |             |               |
| Forming a Business Relationship Network                                                                         | USA     | 10-Oct-06   | 11/545,753         |             |               |
| Encryption and Decryption on a Graphics Processing Unit                                                         | USA     | 13-Oct-06   | 11/580,433         |             |               |
| Display of Decrypted Data by a Graphics Processing Unit                                                         | USA     | 13-Oct-06   | 11/580,653         |             |               |
| System and Method of Integrating Enterprise Applications                                                        | USA     | 16-Oct-06   | 11/582,140         |             |               |
| Multi-Lingual Telephonic Service                                                                                | USA     | 24-Oct-06   | 11/552,309         |             |               |
| Dynamic Server Consolidation and Rationalization Modeling Tool                                                  | USA     | 24-Oct-06   | 11/552,422         | 20-Jul-10   | 7,761,548     |
| Service Provisioning and Activation Engine for System                                                           | USA     | 24-Oct-06   | 11/585,612         |             |               |
| Display Apparatus for Automatically Visualizing an Application Landscape                                        | USA     | 24-Oct-06   | 11/585,669         |             |               |
| System and Method for Dynamic Data Discovery in Service Oriented Networks with Peer-to-Peer Based Communication | USA     | 30-Oct-06   | 11/589,131         |             |               |
| Network Performance Management                                                                                  | USA     | 6-Nov-06    | 11/557,078         | 29-Dec-09   | 7,539,630     |
| Software Testing Capability Assessment Framework                                                                | USA     | 13-Nov-06   | 11/598,197         |             |               |
| Knowledge Discovery System                                                                                      | USA     | 13-Nov-06   | 11/598,292         | 27-Jul-10   | 7,765,176     |
| Aerospace and Defense Program Analysis Tool                                                                     | USA     | 15-Nov-06   | 11/599,589         |             |               |
| Context-Based Routing of Requests in a Service-Oriented Architecture                                            | USA     | 30-Nov-06   | 11/565,378         |             |               |
| Context-Based Identification of Entity with Which Communication Occurs                                          | USA     | 30-Nov-06   | 11/565,539         |             |               |
| Merger Integration Framework and Tool                                                                           | USA     | 30-Nov-06   | 11/606,438         |             |               |
| Intelligent Collections Models                                                                                  | USA     | 5-Dec-06    | 11/566,787         |             |               |
| Method and System for Processing Observation Charts                                                             | USA     | 6-Dec-06    | 11/634,611         |             |               |



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| APPLICATION TITLE                                                                                                                | COUNTRY | FILING DATE | APPLICATION NUMBER | PATENT DATE | PATENT NUMBER |
|----------------------------------------------------------------------------------------------------------------------------------|---------|-------------|--------------------|-------------|---------------|
| Network Layer Integration for Supporting Internet Access, Voice Over Internet Protocol and Internet Protocol Television Services | USA     | 12-Dec-06   | 11/637,959         |             |               |
| System and Method for Managing Pedigree Information                                                                              | USA     | 14-Dec-06   | 11/630,813         |             |               |
| Integrated Health Management Platform                                                                                            | USA     | 19-Dec-06   | 11/612,763         |             |               |
| Spatially-Defined Boundary and Precinct to Provide Information                                                                   | USA     | 22-Dec-06   | 11/615,068         |             |               |
| Method of Data Block Aggregation                                                                                                 | USA     | 4-Jan-07    | 11/619,649         | 2-Dec-08    | 7,461,077     |
| Integrated System and Method of Providing Services                                                                               | USA     | 11-Jan-07   | 12/160,711         |             |               |
| Platform for Interoperable Health Information Exchange                                                                           | USA     | 17-Jan-07   | 11/654,024         |             |               |
| Integrated Energy Merchant Value Chain                                                                                           | USA     | 19-Jan-07   | 11/624,994         |             |               |
| Reshaping an Image to Thin or Fatten a Face                                                                                      | USA     | 23-Jan-07   | 11/625,937         |             |               |
| Method for Controlling and/or Monitoring Data Processing Device and Computer Program                                             | USA     | 25-Jan-07   | 11/657,993         |             |               |
| Systems, Applications and Products in Data Processing for Intercompany Pricing                                                   | USA     | 26-Jan-07   | 11/699,094         |             |               |
| Systems, Applications and Products in Data Processing for Expedite Orders                                                        | USA     | 26-Jan-07   | 11/699,152         |             |               |
| Systems, Applications and Products in Data Processing for Cross Dock                                                             | USA     | 26-Jan-07   | 11/699,153         |             |               |
| Systems, Applications and Products in Data Processing for End Customer                                                           | USA     | 26-Jan-07   | 11/699,156         |             |               |
| Virtual Information Technology Assistant                                                                                         | USA     | 26-Jan-07   | 11/699,211         |             |               |
| Systems, Applications and Products in Data Processing for Credit Check                                                           | USA     | 26-Jan-07   | 11/699,310         | 6-Oct-09    | 7,599,883     |
| Systems, Applications and Products in Data Processing for Partner Determination                                                  | USA     | 29-Jan-07   | 11/699,123         |             |               |
| Workstation Deployment                                                                                                           | USA     | 1-Feb-07    | 11/670,185         |             |               |
| Electronic Toll Management for Fleet Vehicles                                                                                    | USA     | 1-Feb-07    | 11/670,307         |             |               |
| Transforming a Submitted Image of a Person Based on a Condition of the Person                                                    | USA     | 6-Feb-07    | 11/671,751         |             |               |
| Evidence-Based Medicine Supercharger                                                                                             | USA     | 7-Feb-07    | 11/672,423         |             |               |
| System for Portal Architecture                                                                                                   | USA     | 8-Feb-07    | 11/703,857         |             |               |
| Reshaping a Camera Image                                                                                                         | USA     | 13-Feb-07   | 11/674,255         |             |               |
| Digital Asset Management Data Model                                                                                              | USA     | 14-Feb-07   | 11/707,328         |             |               |
| Context-Sensitive Alerts                                                                                                         | USA     | 16-Feb-07   | 11/676,064         |             |               |
| Constraints-Based Analysis and Strategy Planning Methods and Tools                                                               | USA     | 23-Feb-07   | 11/709,878         | 3-Aug-10    | 7,769,615     |
| Composing Integrated Systems Using GUI-Based Applications and Web Services                                                       | USA     | 23-Feb-07   | 11/710,233         |             |               |
| Design Tool for Converting Legacy Applications to Web Services                                                                   | USA     | 23-Feb-07   | 11/710,680         |             |               |
| GUI-Based Application to Web Services Conversion System                                                                          | USA     | 23-Feb-07   | 11/710,681         |             |               |
| Workflow Definition and Management System                                                                                        | USA     | 26-Feb-07   | 11/679,097         | 10-Nov-09   | 7,517,245     |
| Intelligent Health Benefit Design System                                                                                         | USA     | 27-Feb-07   | 11/679,267         |             |               |
| Secure Information Sharing Architecture, Processes and Tools for Post Merger Integration                                         | USA     | 27-Feb-07   | 11/711,161         |             |               |
| Detecting Emotions Using Voice Signal Analysis                                                                                   | USA     | 8-Mar-07    | 11/716,240         | 1-Dec-09    | 7,627,475     |
| Online Wardrobe                                                                                                                  | USA     | 13-Mar-07   | 11/685,286         | 8-Jul-08    | 7,398,231     |
| Future Locking of Resources                                                                                                      | USA     | 13-Mar-07   | 11/717,548         |             |               |
| Optimization of Analytical Effectiveness in an Analyst Network                                                                   | USA     | 15-Mar-07   | 11/686,616         |             |               |
| Monitoring and Control of Analytical Effectiveness in an Analyst Network                                                         | USA     | 15-Mar-07   | 11/686,654         |             |               |
| Presentation of Information Elements in an Analyst Network                                                                       | USA     | 15-Mar-07   | 11/686,693         |             |               |
| Collaboration System                                                                                                             | USA     | 15-Mar-07   | 11/686,708         |             |               |
| Establishment of Message Context in a Collaboration System                                                                       | USA     | 15-Mar-07   | 11/686,728         |             |               |
| Activity Reporting in a Collaboration System                                                                                     | USA     | 15-Mar-07   | 11/686,736         |             |               |
| Method and System for Selectively Distributing Data to a Set of Network Devices                                                  | USA     | 26-Mar-07   | 10/561,428         |             |               |
| Merger Integration Toolkit System and Method for Merger Specific Functionality                                                   | USA     | 27-Mar-07   | 11/691,987         |             |               |
| Merger Integration Toolkit System and Method for Milestone Tracking                                                              | USA     | 27-Mar-07   | 11/692,003         |             |               |



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| APPLICATION TITLE                                                                                                  | COUNTRY | FILING DATE | APPLICATION NUMBER | PATENT DATE | PATENT NUMBER |
|--------------------------------------------------------------------------------------------------------------------|---------|-------------|--------------------|-------------|---------------|
| Merger Integration Toolkit and Method for Secure Navigation Hierarchy and Workflow Functionality                   | USA     | 27-Mar-07   | 11/692,029         |             |               |
| System and Method for Rapid Generation of Minimum Length Pilot Training Schedules                                  | USA     | 30-Mar-07   | 11/694,414         |             |               |
| Non-Repudiation for Digital Content Delivery                                                                       | USA     | 30-Mar-07   | 11/731,325         |             |               |
| Automatic Test Generation for Reference Testing                                                                    | USA     | 5-Apr-07    | 11/784,121         |             |               |
| Systems and Methods of Repair and Operations Planning                                                              | USA     | 26-Apr-07   | 11/740,547         |             |               |
| System and Method for Providing Support Assistance                                                                 | USA     | 30-Apr-07   | 11/742,205         |             |               |
| Extraction of Attributes and Values from Natural Language Documents                                                | USA     | 30-Apr-07   | 11/742,215         |             |               |
| Extraction of Attributes and Values from Natural Language Documents                                                | USA     | 30-Apr-07   | 11/742,244         |             |               |
| Alternating Processing Method                                                                                      | USA     | 30-Apr-07   | 11/742,439         |             |               |
| Communication Management Tools for a Secure Information Sharing Architecture to Facilitate Post Merger Integration | USA     | 30-Apr-07   | 11/797,080         |             |               |
| Process Flow Analysis Based on Processing Artifacts                                                                | USA     | 9-May-07    | 11/746,296         |             |               |
| Warranty Management System and Method                                                                              | USA     | 14-May-07   | 11/748,287         |             |               |
| Computer Enabled Training of a User to Validate Assumptions                                                        | USA     | 16-May-07   | 11/749,473         | 24-Nov-09   | 7,621,742     |
| Application Search Tool for Rapid Prototyping and Development of New Applications                                  | USA     | 16-May-07   | 11/804,030         |             |               |
| Multi-Player Role-Playing Lifestyle-Rewarded Health Game                                                           | USA     | 22-May-07   | 11/751,856         |             |               |
| Mobile Provisioning Tool System                                                                                    | USA     | 23-May-07   | 11/752,747         |             |               |
| Data Model Development Tool                                                                                        | USA     | 25-May-07   | 10/538,664         |             |               |
| Error Propagation in Calculation with Conditional Alternatives                                                     | USA     | 29-May-07   | 11/754,395         |             |               |
| Performance-Based Logistics for Aerospace and Defense Programs                                                     | USA     | 5-Jun-07    | 11/806,984         |             |               |
| Electronic Security System and Scheme for a Communications Network                                                 | USA     | 6-Jun-07    | 11/810,469         | 15-Jun-10   | 7,739,729     |
| Integrated Number Management Module and Service Order System                                                       | USA     | 7-Jun-07    | 11/810,880         |             |               |
| End User Control Configuration System with Dynamic User Interface                                                  | USA     | 12-Jun-07   | 11/811,704         | 4-May-10    | 7,711,984     |
| Activity Manager                                                                                                   | USA     | 19-Jun-07   | 11/764,985         |             |               |
| User Interface for a Display                                                                                       | USA     | 25-Jun-07   | 29/288,916         | 19-Aug-08   | DS75,296      |
| Feature Configuration Analysis Tool                                                                                | USA     | 29-Jun-07   | 11/824,018         |             |               |
| Refactoring Monolithic Applications into Dynamically Reconfigurable Applications                                   | USA     | 29-Jun-07   | 11/824,373         |             |               |
| Determination of a Preferred Ratio of Supervisors to Agents in Call Centers                                        | USA     | 3-Jul-07    | 11/772,859         |             |               |
| Mobile Personal Services Platform for Providing Feedback                                                           | USA     | 9-Jul-07    | 11/775,026         |             |               |
| Modeling and Forecasting Service Performance                                                                       | USA     | 30-Jul-07   | 11/775,331         |             |               |
| Method and System for Providing a Financial Analysis of an Enhanced Wireless Communications Service                | USA     | 13-Jul-07   | 11/827,699         | 19-Aug-08   | 7,415,434     |
| Automation Tool for Providing Access to an Electronic Database for Business Intelligence                           | USA     | 18-Jul-07   | 11/779,514         |             |               |
| Mobile Services                                                                                                    | USA     | 1-Aug-07    | 11/832,478         |             |               |
| System and Method to Measure Effectiveness of Business Learning                                                    | USA     | 2-Aug-07    | 11/882,556         |             |               |
| Legacy Application Decommissioning Framework                                                                       | USA     | 2-Aug-07    | 11/888,970         |             |               |
| Mobile Audio Content Delivery System                                                                               | USA     | 7-Aug-07    | 11/890,475         |             |               |
| Binary Library                                                                                                     | USA     | 23-Aug-07   | 11/844,143         |             |               |
| Demand Driven Scheduling Policies                                                                                  | USA     | 31-Aug-07   | 11/848,666         |             |               |
| Planogram Extraction Based on Image Processing                                                                     | USA     | 31-Aug-07   | 11/849,165         |             |               |
| Determination of Product Display Parameters Based on Image Processing                                              | USA     | 31-Aug-07   | 11/849,171         |             |               |
| Determination of Inventory Conditions Based on Image Processing                                                    | USA     | 31-Aug-07   | 11/849,177         |             |               |
| Detection of Stock Out Conditions Based on Image Processing                                                        | USA     | 31-Aug-07   | 11/849,180         |             |               |
| Seat Routine Processes                                                                                             | USA     | 4-Sep-07    | 11/849,821         |             |               |
| Seat Routine Equipment Model                                                                                       | USA     | 4-Sep-07    | 11/849,829         |             |               |
| Digital Polling System and Method                                                                                  | USA     | 4-Sep-07    | 12/439,984         |             |               |
| Energy Merchant Exchange                                                                                           | USA     | 7-Sep-07    | 11/851,757         |             |               |
| Messaging Interface System                                                                                         | USA     | 7-Sep-07    | 11/899,727         |             |               |

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| APPLICATION TITLE                                                                                           | COUNTRY | FILING DATE | APPLICATION NUMBER | PATENT DATE | PATENT NUMBER |
|-------------------------------------------------------------------------------------------------------------|---------|-------------|--------------------|-------------|---------------|
| Messaging Interface System for Customer Care                                                                | USA     | 12-Sep-07   | 11/900,542         |             |               |
| Automated Classification Algorithm Comprising at Least One Input-Invariant Part                             | USA     | 14-Sep-07   | 11/855,493         |             |               |
| Technology Event Detection, Analysis, and Reporting System                                                  | USA     | 14-Sep-07   | 11/900,995         |             |               |
| Messages Sequence Management of Enterprise Based Correlated Events                                          | USA     | 17-Sep-07   | 11/901,308         |             |               |
| Service Request Execution Architecture for a Telecommunications Service Provider                            | USA     | 17-Sep-07   | 11/901,565         |             |               |
| An Infrastructure for Parallel Programming of Clusters of Machines                                          | USA     | 1-Oct-07    | 11/906,293         |             |               |
| Multiple Channel Automated Refill System                                                                    | USA     | 9-Oct-07    | 11/973,762         |             |               |
| Transportation Boarding Graphical User Interface                                                            | USA     | 10-Oct-07   | 29/295,926         | 14-Apr-09   | D590,408      |
| Complexity Estimation of Data Objects                                                                       | USA     | 18-Oct-07   | 11/874,542         |             |               |
| Session Initiation Protocol Adaptor                                                                         | USA     | 18-Oct-07   | 11/975,260         |             |               |
| Mobile Collection Application                                                                               | USA     | 29-Oct-07   | 11/827,255         | 10-Nov-09   | 7,616,947     |
| Code Accelerator                                                                                            | USA     | 6-Nov-07    | 11/935,916         |             |               |
| System for Determining a Relative Location of a Plurality of Items Upon a Plurality of Platforms            | USA     | 7-Nov-07    | 11/983,209         |             |               |
| Collections Processing Systems                                                                              | USA     | 8-Nov-07    | 11/937,178         |             |               |
| Cargo Security Sensing System                                                                               | USA     | 9-Nov-07    | 11/938,014         | 23-Sep-08   | 7,427,918     |
| System and Method for Dynamic Brokering of Digital Content Requests                                         | USA     | 13-Nov-07   | 11/983,878         |             |               |
| Presentation of Auxiliary Content via a Content Presentation Device                                         | USA     | 16-Nov-07   | 11/941,655         |             |               |
| Application Management Tool                                                                                 | USA     | 19-Nov-07   | 11/942,315         |             |               |
| Rapid Knowledge Transfer Among Workers                                                                      | USA     | 26-Nov-07   | 11/986,776         |             |               |
| Document Analysis, Commenting, and Reporting System                                                         | USA     | 27-Nov-07   | 11/945,958         |             |               |
| Call Flow Framework for Consistent Troubleshooting Across Multiple Vendors and Locations                    | USA     | 4-Dec-07    | 11/950,160         |             |               |
| Systems and Methods of Analyzing Accounts Receivable and Sales Outstanding                                  | USA     | 12-Dec-07   | 11/954,927         |             |               |
| Supply Chain/Workflow Services in a Contract Manufacturing Framework                                        | USA     | 13-Dec-07   | 11/955,866         |             |               |
| Scheduling Resources for Airline Flights                                                                    | USA     | 20-Dec-07   | 11/961,579         |             |               |
| Resource Scheduling with Rule Violation Feedback                                                            | USA     | 20-Dec-07   | 11/961,612         |             |               |
| Multiple User Resource Scheduling                                                                           | USA     | 20-Dec-07   | 11/961,711         |             |               |
| System for Providing a Configurable Adaptor for Mediating Systems                                           | USA     | 20-Dec-07   | 11/961,822         |             |               |
| Knowledge Management Tool                                                                                   | USA     | 27-Dec-07   | 12/005,946         |             |               |
| Virtual Machine Configuration System                                                                        | USA     | 28-Dec-07   | 11/966,719         |             |               |
| Data Mapping Document Design System                                                                         | USA     | 31-Dec-07   | 11/967,455         |             |               |
| Data Mapping Design Tool                                                                                    | USA     | 31-Dec-07   | 11/967,461         |             |               |
| Balanced Scorecard and Reporting Tool                                                                       | USA     | 14-Jan-08   | 12/013,934         |             |               |
| Remotely Monitoring a Data Processing System Via a Communications Network                                   | USA     | 15-Jan-08   | 12/008,846         |             |               |
| Freight Backbone Messaging Architecture                                                                     | USA     | 15-Jan-08   | 12/014,674         |             |               |
| Dynamic Credit Management                                                                                   | USA     | 18-Jan-08   | 12/009,381         |             |               |
| Technology Agnostic Universally Applicable Data Model for a Telecommunication Service Provider Architecture | USA     | 23-Jan-08   | 12/018,784         |             |               |
| Anonymity Measuring Device                                                                                  | USA     | 25-Jan-08   | 12/524,912         |             |               |
| Total Return to Shareholders Analytics                                                                      | USA     | 31-Jan-08   | 12/023,647         |             |               |
| Mobile Data Collection and Validation Systems and Methods                                                   | USA     | 4-Feb-08    | 12/025,408         |             |               |
| Health Advisor                                                                                              | USA     | 4-Feb-08    | 12/025,594         |             |               |
| Automation Tool for Providing Users with Security Access to an Electronic System                            | USA     | 7-Feb-08    | 12/027,458         |             |               |
| System for Providing Actions to Reduce a Carbon Footprint                                                   | USA     | 12-Feb-08   | 12/029,949         |             |               |
| System for Providing Strategies for Increasing Efficiency of Data Centers                                   | USA     | 12-Feb-08   | 12/030,040         |             |               |
| Sort Plan Optimization                                                                                      | USA     | 14-Feb-08   | 12/031,408         |             |               |
| Knowledge Discovery Extraction and Integration                                                              | USA     | 19-Feb-08   | 12/070,457         |             |               |
| Collaborative Innovation System                                                                             | USA     | 22-Feb-08   | 12/035,988         |             |               |

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| APPLICATION TITLE                                                                                   | COUNTRY | FILING DATE | APPLICATION NUMBER | PATENT DATE | PATENT NUMBER |
|-----------------------------------------------------------------------------------------------------|---------|-------------|--------------------|-------------|---------------|
| Collaborative Review System                                                                         | USA     | 22-Feb-08   | 12/036,001         |             |               |
| System for Providing an Interface for Collaborative Innovation                                      | USA     | 22-Feb-08   | 12/036,012         |             |               |
| A Conversational Question Generation System Adapted for an Insurance Claim Processing System        | USA     | 22-Feb-08   | 12/036,103         |             |               |
| A Rule Generation System Adapted for an Insurance Claim Processing System                           | USA     | 22-Feb-08   | 12/036,115         |             |               |
| Container Generation System for a Customizable Application                                          | USA     | 22-Feb-08   | 12/036,119         |             |               |
| Page Navigation Generation System for a Customizable Application                                    | USA     | 22-Feb-08   | 12/036,120         |             |               |
| Presentation Generator                                                                              | USA     | 26-Feb-08   | 12/037,181         | 20-Jul-10   | 7,761,784     |
| Remote Object Recognition                                                                           | USA     | 26-Feb-08   | 12/038,720         |             |               |
| Business Resilience Systems and Methods                                                             | USA     | 27-Feb-08   | 12/038,450         |             |               |
| Graphical User Interface Typing and Mapping System                                                  | USA     | 27-Feb-08   | 12/038,658         |             |               |
| Graphical User Interface Application Comparator                                                     | USA     | 27-Feb-08   | 12/038,661         |             |               |
| Test Script Transformation Architecture                                                             | USA     | 27-Feb-08   | 12/038,665         |             |               |
| Graphical User Interface Metadata Evolution Tool                                                    | USA     | 27-Feb-08   | 12/038,672         |             |               |
| Test Script Transformation Analyzer with Economic Cost Engine                                       | USA     | 27-Feb-08   | 12/038,675         |             |               |
| Test Script Transformation Analyzer with Change Guide Engine                                        | USA     | 27-Feb-08   | 12/038,676         |             |               |
| Compliance Monitoring                                                                               | USA     | 29-Feb-08   | 12/040,983         |             |               |
| Sales Transaction Hub                                                                               | USA     | 29-Feb-08   | 12/040,213         | 6-Jul-10    | 7,752,093     |
| Data Management System                                                                              | USA     | 29-Feb-08   | 12/040,630         |             |               |
| Travel Service Aggregator                                                                           | USA     | 5-Mar-08    | 12/042,973         |             |               |
| Reservation Record Based Ticketing                                                                  | USA     | 5-Mar-08    | 12/043,055         |             |               |
| Account and Customer Creation in an Online Banking Model                                            | USA     | 6-Mar-08    | 12/043,528         |             |               |
| Migration of Legacy Applications                                                                    | USA     | 19-Mar-08   | 12/051,401         |             |               |
| Selecting Accommodations on a Travel Conveyance                                                     | USA     | 19-Mar-08   | 12/051,607         |             |               |
| Enterprise Analysis Aide and Establishment of Customized Sales Solution                             | USA     | 20-Mar-08   | 12/052,289         |             |               |
| Predictive Cost Reduction Based on Thermodynamic Model                                              | USA     | 20-Mar-08   | 12/052,533         |             |               |
| Call Center Application Data and Interoperation Architecture for a Telecommunication Service Center | USA     | 21-Mar-08   | 12/077,803         |             |               |
| Smart Identity System                                                                               | USA     | 27-Mar-08   | 12/056,723         |             |               |
| System and Method for Automating ETL Application                                                    | USA     | 28-Mar-08   | 12/057,958         |             |               |
| Streaming Media Interruption and Resumption System                                                  | USA     | 1-Apr-08    | 12/060,739         |             |               |
| Automated Software Testing System and Method                                                        | USA     | 10-Apr-08   | 12/100,914         |             |               |
| Sensor Network Calibration                                                                          | USA     | 14-Apr-08   | 12/095,773         |             |               |
| System and Method for Cross-border Interlinking of National Ports                                   | USA     | 28-Apr-08   | 12/110,861         |             |               |
| Navigating a Software Project Repository                                                            | USA     | 2-May-08    | 12/150,974         |             |               |
| Dynamic Profile System for Resource Access Control                                                  | USA     | 13-May-08   | 12/120,105         |             |               |
| Document Analysis, Commenting, and Reporting System                                                 | USA     | 15-May-08   | 12/121,503         |             |               |
| Digital Music Subscription Conditioning System                                                      | USA     | 16-May-08   | 12/121,913         |             |               |
| Capability Analysis Structure and System                                                            | USA     | 20-May-08   | 12/124,010         |             |               |
| Postal, Freight, and Logistics Industry High Performance Capability Assessment                      | USA     | 29-May-08   | 12/129,080         |             |               |
| Customer Service Experience Comparative Landscape Tool                                              | USA     | 4-Jun-08    | 12/133,179         |             |               |
| Future Value Analytics                                                                              | USA     | 5-Jun-08    | 12/133,986         | 20-Apr-10   | 7,702,554     |
| Attrition Warning and Control System                                                                | USA     | 9-Jun-08    | 12/135,938         |             |               |
| Content Bank for Objects                                                                            | USA     | 10-Jun-08   | 12/136,455         |             |               |
| Content Bank for Objects                                                                            | USA     | 10-Jun-08   | 12/136,468         |             |               |
| Assessment of Sales Force Personnel for Improvement of Sales Performance                            | USA     | 18-Jun-08   | 12/141,247         |             |               |
| A Component Based Interface to Handle Tasks During Claim Processing                                 | USA     | 19-Jun-08   | 90/010,201         |             |               |
| System for Providing Strategies to Reduce the Carbon Output and Operating Cost of a Workplace       | USA     | 24-Jun-08   | 12/144,910         |             |               |
| Enhanced Transaction Fulfillment                                                                    | USA     | 25-Jun-08   | 12/145,818         |             |               |
| System for Optimizing Trade Promotion and Distribution Spending in Fragmented Markets               | USA     | 25-Jun-08   | 12/145,929         |             |               |
| Method and System for Identifying a Business Organization that needs Transformation                 | USA     | 2-Jul-08    | 12/167,008         |             |               |

**SCHEDULE A**

| APPLICATION TITLE                                                                                                         | COUNTRY | FILING DATE | APPLICATION NUMBER | PATENT DATE | PATENT NUMBER |
|---------------------------------------------------------------------------------------------------------------------------|---------|-------------|--------------------|-------------|---------------|
| Location-Based Services System                                                                                            | USA     | 2-Jul-08    | 12/117,223         |             |               |
| Service Exception Resolution Framework                                                                                    | USA     | 11-Jul-08   | 12/172,118         |             |               |
| System for Predictive Analytics Using Real World Pharmaceutical Transactions                                              | USA     | 14-Jul-08   | 12/172,386         |             |               |
| Knowledge Discovery Tool Navigation                                                                                       | USA     | 18-Jul-08   | 12/175,989         |             |               |
| System and Method for Communicating an Air Travel Message                                                                 | USA     | 23-Jul-08   | 12/178,379         |             |               |
| Integrated Production Loss Management                                                                                     | USA     | 23-Jul-08   | 12/178,466         |             |               |
| System and Tool for Business Driven Learning Solutions                                                                    | USA     | 25-Jul-08   | 12/180,299         |             |               |
| Software Upgrade Analysis System                                                                                          | USA     | 31-Jul-08   | 12/183,482         |             |               |
| Cross-Architecture Flight Tracking System                                                                                 | USA     | 4-Aug-08    | 12/185,523         |             |               |
| Workforce Planning System, Method and Tool                                                                                | USA     | 13-Aug-08   | 12/190,850         |             |               |
| Agent Communications Tool for Coordinated Distribution, Review, and Validation of Call Center Data                        | USA     | 14-Aug-08   | 12/191,621         |             |               |
| Delivery Performance Enablement Workforce Utilization Tool Integration                                                    | USA     | 14-Aug-08   | 12/191,773         |             |               |
| A Simulation Enabled Accounting Tutorial System                                                                           | USA     | 14-Aug-08   | 12/191,829         |             |               |
| Revenue Asset High Performance Capability Assessment                                                                      | USA     | 20-Aug-08   | 12/194,793         |             |               |
| Multi-Channel Content Modeling System                                                                                     | USA     | 22-Aug-08   | 12/196,910         |             |               |
| Travel Reward Accrual                                                                                                     | USA     | 25-Aug-08   | 12/197,777         |             |               |
| A Runtime Program Regression Analysis Tool for a Simulation Engine                                                        | USA     | 25-Aug-08   | 12/197,786         |             |               |
| Shared User Interface Surface System                                                                                      | USA     | 2-Sep-08    | 12/203,111         |             |               |
| Process Model Lean Notation                                                                                               | USA     | 4-Sep-08    | 12/204,419         |             |               |
| Identification, Categorization and Integration of Unplanned Maintenance, Repair and Overhaul Work on Mechanical Equipment | USA     | 9-Sep-08    | 12/207,198         |             |               |
| Apparatus and Method for Managing Information                                                                             | USA     | 11-Sep-08   | 12/207,967         |             |               |
| Biometric Processing Using Random Projection Transforms                                                                   | USA     | 16-Sep-08   | 12/120,694         |             |               |
| Method and System for Simulating a Plurality of Devices                                                                   | USA     | 17-Sep-08   | 12/212,555         |             |               |
| Method and System for Simulating a Plurality of Devices                                                                   | USA     | 17-Sep-08   | 12/212,573         |             |               |
| Social Network Method and Apparatus                                                                                       | USA     | 18-Sep-08   | 12/211,328         |             |               |
| System and Method for Adding Context to the Creation and Revision of Artifacts                                            | USA     | 18-Sep-08   | 12/233,288         |             |               |
| Trigger Mediation System                                                                                                  | USA     | 22-Sep-08   | 12/234,785         |             |               |
| RFID Enabled Media System and Method Using Combination of RFID Enabled Objects                                            | USA     | 23-Sep-08   | 10/598,384         |             |               |
| RFID Protected Media System and Method that Provides Dynamic Downloadable Media                                           | USA     | 23-Sep-08   | 10/598,387         |             |               |
| Flight Schedule Constraints for Optional Flights                                                                          | USA     | 1-Oct-08    | 12/243,464         |             |               |
| Single Step Flight Schedule Optimization                                                                                  | USA     | 1-Oct-08    | 12/243,490         |             |               |
| Environmental Offsets for Services                                                                                        | USA     | 3-Oct-08    | 12/245,261         |             |               |
| Service Authorizer                                                                                                        | USA     | 3-Oct-08    | 12/245,508         |             |               |
| System and Method of Search Validation                                                                                    | USA     | 6-Oct-08    | 12/296,208         |             |               |
| Investment Profile Questionnaire System                                                                                   | USA     | 7-Oct-08    | 12/247,121         |             |               |
| Analysis and Normalization of Questionnaires                                                                              | USA     | 7-Oct-08    | 12/247,128         |             |               |
| Integrated Design Environment for Technology Architecture                                                                 | USA     | 8-Oct-08    | 12/247,927         |             |               |
| Digital Marketing Optimization                                                                                            | USA     | 21-Oct-08   | 12/255,071         |             |               |
| Automatically Connect Remote Network Equipment through a Graphical User Interface                                         | USA     | 22-Oct-08   | 12/256,343         |             |               |
| Automated Load Model                                                                                                      | USA     | 30-Oct-08   | 12/261,519         |             |               |
| Dynamic Order Workflow Template Instantiator and Decoupler                                                                | USA     | 3-Nov-08    | 12/263,956         |             |               |
| Dynamic Order Workflow Template Instantiator Tracking System                                                              | USA     | 3-Nov-08    | 12/263,970         |             |               |
| Predictive Modeling                                                                                                       | USA     | 5-Nov-08    | 12/265,281         |             |               |
| An Infrastructure for Parallel Programming of Clusters of Machines                                                        | USA     | 7-Nov-08    | 12/267,142         |             |               |
| Recommended Applications Evaluation System                                                                                | USA     | 10-Nov-08   | 12/268,168         |             |               |
| Test Data Creation and Execution System for Service-Oriented Architectures                                                | USA     | 12-Nov-08   | 12/269,587         |             |               |
| Personalized Storage Accounts in an Electronic File Delivery System                                                       | USA     | 17-Nov-08   | 12/272,311         |             |               |

**SCHEDULE A**

| APPLICATION TITLE                                                                                                            | COUNTRY | FILING DATE | APPLICATION NUMBER | PATENT DATE | PATENT NUMBER |
|------------------------------------------------------------------------------------------------------------------------------|---------|-------------|--------------------|-------------|---------------|
| Computer System and Method for Determining a Geographic Region from which to Source a Resource                               | USA     | 18-Nov-08   | 12/301,266         |             |               |
| Cloud Computing Assessment Tool                                                                                              | USA     | 19-Nov-08   | 12/274,111         |             |               |
| System for Securing Multithreaded Server Applications                                                                        | USA     | 19-Nov-08   | 12/274,130         |             |               |
| A Goal Based System Utilizing a Table Based Architecture                                                                     | USA     | 20-Nov-08   | 12/274,943         |             |               |
| Management and Administration of Employee Eligibility Verification Forms                                                     | USA     | 21-Nov-08   | 12/275,857         |             |               |
| Automotive Industry High Performance Capability Assessment                                                                   | USA     | 26-Nov-08   | 12/324,150         |             |               |
| Virtual Customer Database                                                                                                    | USA     | 3-Dec-08    | 12/327,670         |             |               |
| Automated Audit Process                                                                                                      | USA     | 4-Dec-08    | 12/327,992         |             |               |
| Ordering Items of Playable Content or Other Works                                                                            | USA     | 5-Dec-08    | 12/329,436         |             |               |
| Adapter Services                                                                                                             | USA     | 10-Dec-08   | 12/331,689         |             |               |
| System and Tool for Business Driven Management                                                                               | USA     | 10-Dec-08   | 12/332,082         |             |               |
| Technology Benefits Realization for Public Sector                                                                            | USA     | 15-Dec-08   | 12/314,683         |             |               |
| Data Anonymization Based on Guessing Anonymity                                                                               | USA     | 18-Dec-08   | 12/338,483         |             |               |
| Entity Assessment and Ranking                                                                                                | USA     | 29-Dec-08   | 12/344,738         |             |               |
| System, Method and Computer Program for Monitoring the Filling in of Remote Forms                                            | USA     | 13-Jan-09   | 12/373,724         |             |               |
| Computerized Predictive Maintenance System and Method                                                                        | USA     | 14-Jan-09   | 12/353,408         |             |               |
| Distribution System Analysis Using Meter Data                                                                                | USA     | 14-Jan-09   | 12/353,413         |             |               |
| Determination of Distribution Transformer Voltages Based on Metered Loads                                                    | USA     | 14-Jan-09   | 12/353,836         |             |               |
| Knowledge Transfer in a Project Environment                                                                                  | USA     | 21-Jan-09   | 12/356,619         |             |               |
| Accreditation Tracker                                                                                                        | USA     | 28-Jan-09   | 12/361,322         |             |               |
| Method and Systems for Assessing Project Management Offices                                                                  | USA     | 30-Jan-09   | 12/363,419         |             |               |
| Dynamic Geo-Location Parameter for Determining an Impact of Online Behavior on Offline Sales                                 | USA     | 5-Feb-09    | 12/366,118         |             |               |
| Dynamic Online Experience Modification and Inventory Optimization Based on Statistically Significant Geo-Location Parameter. | USA     | 5-Feb-09    | 12/366,133         |             |               |
| Point of Sale Payment Method                                                                                                 | USA     | 10-Feb-09   | 12/368,387         |             |               |
| Customer Initiated Payment Method Using Mobile Device                                                                        | USA     | 10-Feb-09   | 12/368,407         |             |               |
| Configurable Questionnaire-Based Project Assessment                                                                          | USA     | 10-Feb-09   | 12/368,820         |             |               |
| Method and System for Managing a Power Grid                                                                                  | USA     | 11-Feb-09   | 12/378,093         |             |               |
| Method and System for Managing a Power Grid                                                                                  | USA     | 11-Feb-09   | 12/378,102         |             |               |
| Method and System for Reducing Feeder Circuit Loss Using Demand Response                                                     | USA     | 11-Feb-09   | 12/378,128         | 17-Aug-10   | 7,778,738     |
| A Data System Architecture to Analyze Distributed Data Sets                                                                  | USA     | 12-Feb-09   | 12/370,012         |             |               |
| Impact Analysis of Software Change Requests                                                                                  | USA     | 18-Feb-09   | 12/383,237         |             |               |
| Matching Tools for Use in Attribute-Based Performance Systems                                                                | USA     | 27-Feb-09   | 12/379,766         |             |               |
| Ad Buyers Banner Audit                                                                                                       | USA     | 3-Mar-09    | 12/396,645         |             |               |
| Method and System for Facilitating, Coordinating and Managing a Competitive Marketplace                                      | USA     | 3-Mar-09    | 12/397,192         |             |               |
| Digital Footprint Driven Multi-Channel Integrated Support System                                                             | USA     | 3-Mar-09    | 12/397,214         |             |               |
| Multi-Media Command and Control System                                                                                       | USA     | 13-Mar-09   | 12/404,097         |             |               |
| Model-Driven Event Detection, Implication, and Reporting System                                                              | USA     | 16-Mar-09   | 12/405,026         |             |               |
| CONSUMER AND SHOPPER ANALYSIS SYSTEM                                                                                         | USA     | 18-Mar-09   | 12/406,542         |             |               |
| System for Monitoring the Energy Efficiency of Technology Components                                                         | USA     | 1-Apr-09    | 12/416,744         |             |               |
| System for Assembling Behavior Models of Technology Components                                                               | USA     | 1-Apr-09    | 12/416,752         |             |               |
| Knowledge Assessment Tool                                                                                                    | USA     | 7-Apr-09    | 12/419,645         |             |               |
| Manufacturing Collaboration Hub Data Exchange Interface                                                                      | USA     | 10-Apr-09   | 12/422,059         |             |               |
| Digital Voucher Processing System                                                                                            | USA     | 13-Apr-09   | 12/422,675         |             |               |
| Consumer Goods and Services High Performance Capability Assessment                                                           | USA     | 21-Apr-09   | 12/427,201         |             |               |
| Content Migration Tool and Method Associated Therewith                                                                       | USA     | 22-Apr-09   | 12/428,102         |             |               |
| Enhanced Content Sharing Framework                                                                                           | USA     | 23-Apr-09   | 12/428,605         |             |               |
| Systems and Methods for Identifying a Relationship Between Multiple Interrelated Applications in a Mainframe Environment     | USA     | 30-Apr-09   | 12/453,161         |             |               |

**SCHEDULE A**

| APPLICATION TITLE                                                                                                         | COUNTRY | FILING DATE | APPLICATION NUMBER | PATENT DATE | PATENT NUMBER |
|---------------------------------------------------------------------------------------------------------------------------|---------|-------------|--------------------|-------------|---------------|
| Communications Network Deployment Simulator                                                                               | USA     | 1-May-09    | 12/434,167         |             |               |
| Method and System for Application in a Cloud                                                                              | USA     | 5-May-09    | 12/435,596         |             |               |
| Method, System and Graphical User Interface for Enabling a User to Access Enterprise Data on a Portable Electronic Device | USA     | 6-May-09    | 12/436,343         |             |               |
| Enhanced Network Adapter Framework                                                                                        | USA     | 11-May-09   | 12/463,737         |             |               |
| Individual Productivity and Utilization Tracking Tool                                                                     | USA     | 13-May-09   | 12/454,208         |             |               |
| Integrating Enterprise Support Systems                                                                                    | USA     | 13-May-09   | 12/465,183         |             |               |
| System for Capability Assessment and Development                                                                          | USA     | 14-May-09   | 12/466,172         |             |               |
| Finance Function High Performance Capability Assessment                                                                   | USA     | 15-May-09   | 12/466,995         |             |               |
| Methods and Systems for Uploading Media Files to Media Hosts                                                              | USA     | 20-May-09   | 12/469,380         |             |               |
| Enhanced Postal Data Modeling Framework                                                                                   | USA     | 21-May-09   | 12/470,258         |             |               |
| System for Handling a Plurality of Streaming Voice Signals for Determination of Responsive Action Thereto                 | USA     | 22-May-09   | 12/470,592         |             |               |
| Recognition Processing of a Plurality of Streaming Voice Signals for Determination of a Responsive Action Thereto         | USA     | 22-May-09   | 12/470,614         |             |               |
| Treatment Processing of a Plurality of Streaming Voice Signals for Determination of a Responsive Action Thereto           | USA     | 22-May-09   | 12/470,626         |             |               |
| Freight and Logistics High Performance Capability Assessment                                                              | USA     | 26-May-09   | 12/471,767         |             |               |
| Techniques for Computing Similarity Measurements Between Segments Representative of Documents                             | USA     | 28-May-09   | 12/473,347         |             |               |
| System for Analyzing User Activity in a Collaborative Environment                                                         | USA     | 29-May-09   | 12/474,457         |             |               |
| SYSTEM FOR VALUATING USERS AND USER GENERATED CONTENT IN A COLLABORATIVE ENVIRONMENT                                      | USA     | 29-May-09   | 12/474,468         |             |               |
| Rapid Item Authentication via Conventional Communication Channels                                                         | USA     | 3-Jun-09    | 12/476,728         |             |               |
| Generation of Travel Related Offerings                                                                                    | USA     | 3-Jun-09    | 12/477,733         |             |               |
| Behavior Mapped Influence Analysis Tool                                                                                   | USA     | 4-Jun-09    | 12/478,546         |             |               |
| Capital Markets High Performance Capability Assessment                                                                    | USA     | 5-Jun-09    | 12/479,310         |             |               |
| Exchangeable Application Components                                                                                       | USA     | 5-Jun-09    | 12/479,368         |             |               |
| Technician Control System                                                                                                 | USA     | 9-Jun-09    | 12/481,046         |             |               |
| Cross-Channel Optimization Systems and Methods                                                                            | USA     | 10-Jun-09   | 12/518,615         |             |               |
| Wearable Computer System and Modes of Operating the System                                                                | USA     | 11-Jun-09   | 12/482,531         |             |               |
| System and Method for Top-Down Performance Optimization Using Elasticity Modeling                                         | USA     | 12-Jun-09   | 12/483,645         |             |               |
| Predictive Recruitment Reporting and Management Model                                                                     | USA     | 22-Jun-09   | 12/489,112         |             |               |
| SYSTEM FOR DISPLAYING A PLURALITY OF ASSOCIATED ITEMS IN A COLLABORATIVE ENVIRONMENT                                      | USA     | 23-Jun-09   | 12/489,824         |             |               |
| Technician Control System                                                                                                 | USA     | 24-Jun-09   | 12/490,730         |             |               |
| Method and System for Scanning a Computer System for Sensitive Content                                                    | USA     | 25-Jun-09   | 12/457,954         |             |               |
| System for Managing a Collaborative Environment                                                                           | USA     | 25-Jun-09   | 12/491,321         |             |               |
| Capital Allocation and Risk Management                                                                                    | USA     | 29-Jun-09   | 12/493,844         |             |               |
| Tax Return Evaluation System                                                                                              | USA     | 30-Jun-09   | 12/494,966         |             |               |
| Gaming System                                                                                                             | USA     | 30-Jun-09   | 12/495,175         |             |               |
| Modularizing and Aspectizing Graphical User Interface Directed Test Scripts                                               | USA     | 16-Jul-09   | 12/504,467         |             |               |
| Social Community Generated Answer System With Collaboration Constraints                                                   | USA     | 20-Jul-09   | 12/505,976         |             |               |
| Development of Travel Plans Including at Least One Environmental Impact Indication                                        | USA     | 22-Jul-09   | 12/507,521         |             |               |
| Synchronous to Asynchronous Web Page Conversion                                                                           | USA     | 4-Aug-09    | 12/534,927         |             |               |
| Network Real Time Monitoring and Control System                                                                           | USA     | 4-Aug-09    | 12/535,538         |             |               |
| Control Management of Voice-Over-IP Parameters                                                                            | USA     | 4-Aug-09    | 12/535,571         |             |               |
| Planning for Value                                                                                                        | USA     | 5-Aug-09    | 12/536,201         |             |               |
| Determining Relative Performance                                                                                          | USA     | 7-Aug-09    | 12/537,745         |             |               |
| Electronic Process-Enabled Collaboration System                                                                           | USA     | 7-Aug-09    | 12/537,830         |             |               |
| Compositional Modeling of Integrated Systems Using Event-Based Legacy Applications                                        | USA     | 13-Aug-09   | 12/540,739         |             |               |
| Proficiency Diagnostic Tool                                                                                               | USA     | 13-Aug-09   | 12/541,066         |             |               |
| A System for Targeting Specific Users to Discussion Threads                                                               | USA     | 17-Aug-09   | 12/542,486         |             |               |

**SCHEDULE A**

| APPLICATION TITLE                                                                                             | COUNTRY | FILING DATE | APPLICATION NUMBER | PATENT DATE | PATENT NUMBER |
|---------------------------------------------------------------------------------------------------------------|---------|-------------|--------------------|-------------|---------------|
| Determination of Decision Support Data Concerning Customer Satisfaction Improvement Techniques                | USA     | 18-Aug-09   | 12/542,791         |             |               |
| Claims Analytics Engine                                                                                       | USA     | 25-Aug-09   | 12/547,110         |             |               |
| Video Call Device Control                                                                                     | USA     | 26-Aug-09   | 12/528,735         |             |               |
| Forest Factory Valuation Model                                                                                | USA     | 26-Aug-09   | 12/548,076         |             |               |
| Health and Life Sciences Payer High Performance Capability Assessment                                         | USA     | 27-Aug-09   | 12/548,673         |             |               |
| Product Placement for the Masses                                                                              | USA     | 28-Aug-09   | 12/549,669         |             |               |
| Labor Resource Decision Support System                                                                        | USA     | 28-Aug-09   | 12/550,138         |             |               |
| Travel Passenger Check-In                                                                                     | USA     | 31-Aug-09   | 12/550,755         |             |               |
| Passenger Check-In Finalization                                                                               | USA     | 31-Aug-09   | 12/550,784         |             |               |
| Enrollment Processing                                                                                         | USA     | 31-Aug-09   | 12/550,813         |             |               |
| System for Providing an Interactive Career Management Tool                                                    | USA     | 31-Aug-09   | 12/551,170         |             |               |
| System for Providing Roadmaps for Building Proficiencies in Skill Areas                                       | USA     | 31-Aug-09   | 12/551,218         |             |               |
| Enhanced Distribution of Digital Content                                                                      | USA     | 1-Sep-09    | 12/551,619         |             |               |
| Tariff Management Test Automation                                                                             | USA     | 4-Sep-09    | 12/554,566         |             |               |
| Tariff Management Deployment Automation                                                                       | USA     | 4-Sep-09    | 12/554,580         |             |               |
| Method and System for Modifying the Execution of a Native Application Running on a Portable Electronic Device | USA     | 11-Sep-09   | 12/557,861         |             |               |
| Document Analysis, Commenting, and Reporting System                                                           | USA     | 11-Sep-09   | 12/558,483         |             |               |
| Customized Multi-Media Services                                                                               | USA     | 21-Sep-09   | 12/563,361         |             |               |
| Service Delivery Platform Docking Station                                                                     | USA     | 22-Sep-09   | 12/564,579         |             |               |
| Identification of Concepts in Software                                                                        | USA     | 23-Sep-09   | 12/565,256         |             |               |
| System for Valuating Employees                                                                                | USA     | 24-Sep-09   | 61/245,452         |             |               |
| Recruitment Screening Tool                                                                                    | USA     | 28-Sep-09   | 12/568,093         |             |               |
| Insurance Configuration Components                                                                            | USA     | 29-Sep-09   | 12/569,594         |             |               |
| Reusable Product System                                                                                       | USA     | 29-Sep-09   | 12/569,621         |             |               |
| Insurance Product Configuration Facility and Development System                                               | USA     | 29-Sep-09   | 12/569,678         |             |               |
| Deployment Component and Post Deployment Query System                                                         | USA     | 2-Oct-09    | 61/248,342         |             |               |
| Tariff Management Configuration Automation                                                                    | USA     | 5-Oct-09    | 12/573,519         |             |               |
| A Component Based Interface to Handle Tasks During Claim Processing                                           | USA     | 9-Oct-09    | 90/010,713         |             |               |
| System for Providing a Workforce Planning Tool                                                                | USA     | 20-Oct-09   | 12/582,135         |             |               |
| Network Audiscovery as a lever to decorrelated Service Activation through Event Driven Architecture           | USA     | 23-Oct-09   | 12/605,076         |             |               |
| Reverse Rating System for Determining Duration of a Usage Transaction                                         | USA     | 23-Oct-09   | 12/605,133         |             |               |
| Database Rating Index                                                                                         | USA     | 28-Oct-09   | 12/607,569         |             |               |
| Mechanism to use EMV BankCards for accessing Mass Transit Transport Systems                                   | USA     | 30-Oct-09   | 12/609,313         |             |               |
| Loan Portfolio Management Tool                                                                                | USA     | 30-Oct-09   | 61/256,733         |             |               |
| Contact Details Service                                                                                       | USA     | 5-Nov-09    | 12/613,937         |             |               |
| Event Based Routing Between Presentation and Business Logic Components                                        | USA     | 5-Nov-09    | 12/613,243         |             |               |
| Data Transformation Based on a Technical Design Document                                                      | USA     | 5-Nov-09    | 12/613,281         |             |               |
| Mobile Collection Application                                                                                 | USA     | 9-Nov-09    | 12/614,862         |             |               |
| Component Based Task Handling During Claim Processing                                                         | USA     | 10-Nov-09   | 90/010,735         |             |               |
| Network Performance Management                                                                                | USA     | 12-Nov-09   | 12/616,936         |             |               |
| Agent Feedback Tool                                                                                           | USA     | 12-Nov-09   | 12/617,278         |             |               |
| Case Management System                                                                                        | USA     | 13-Nov-09   | 61/260,980         |             |               |
| Marketing Asset Exchange                                                                                      | USA     | 1-Dec-09    | 12/628,664         |             |               |
| Enhanced Custom Content Television                                                                            | USA     | 4-Dec-09    | 12/630,994         |             |               |
| Method and System for Accelerated Data Quality Enhancement                                                    | USA     | 7-Dec-09    | 61/267,338         |             |               |
| System for Providing Real Time Locating and Gas Exposure Monitoring                                           | USA     | 9-Dec-09    | 12/634,110         |             |               |
| Energy Facility Control System                                                                                | USA     | 10-Dec-09   | 61/285,447         |             |               |
| Power Grid Outage and Fault Condition Management                                                              | USA     | 14-Dec-09   | 12/637,872         |             |               |
| Inspecting and Releasing Goods at a Land, Air, or Sea Border                                                  | USA     | 15-Dec-09   | 12/637,878         |             |               |



**SCHEDULE A**

| APPLICATION TITLE                                                                                                          | COUNTRY | FILING DATE | APPLICATION NUMBER | PATENT DATE | PATENT NUMBER |
|----------------------------------------------------------------------------------------------------------------------------|---------|-------------|--------------------|-------------|---------------|
| Provisioner within Cloud Console -- Defining Images of an Enterprise to be Operable on Different Cloud Computing Providers | USA     | 18-Dec-09   | 12/642,596         |             |               |
| Generic, One-Click Interface Aspects of Cloud Console                                                                      | USA     | 18-Dec-09   | 12/642,635         |             |               |
| Enterprise-level Management, Control and Information Aspects of Cloud Console                                              | USA     | 18-Dec-09   | 12/642,656         |             |               |
| Computer-Implemented Method for Ensuring the Privacy of a User, Computer Program Product, Device                           | USA     | 18-Dec-09   | 12/653,976         |             |               |
| Modularized Service Level Agreement Reporting                                                                              | USA     | 4-Jan-10    | 12/651,540         |             |               |
| Optimizing a Distribution of Applications Executing in a Multiple Platform System                                          | USA     | 4-Jan-10    | 12/651,876         |             |               |
| Single Code Set Applications Executing in a Multiple Platform System                                                       | USA     | 5-Jan-10    | 12/652,667         |             |               |
| Reducing Costs for a Distribution of Applications Executing in a Multiple Platform System                                  | USA     | 6-Jan-10    | 12/652,930         |             |               |
| Action Recognition and Interpretation Using a Precision Positioning System                                                 | USA     | 6-Jan-10    | 12/683,109         |             |               |
| Behavior Mapped Influence Analysis Tool with Coaching                                                                      | USA     | 12-Jan-10   | 12/686,160         |             |               |
| Electronic Settlement of Petroleum and Gas Distributions                                                                   | USA     | 19-Jan-10   | 12/689,664         |             |               |
| Customer Messaging Service                                                                                                 | USA     | 19-Jan-10   | 12/689,794         |             |               |
| S-Curve Methodology for the Valuation of Uncertainty in Disruptive Transport Fuel Technology                               | USA     | 19-Jan-10   | 61/296,125         |             |               |
| Component Based Interface to Handle Tasks During Claim Processing                                                          | USA     | 21-Jan-10   | 12/691,515         |             |               |
| Discovering Conditional Functional Dependencies to Detect Data Inconsistencies                                             | USA     | 21-Jan-10   | 61/297,233         |             |               |
| A Method and System for Client-Side Scaling of Web Server Farm Architectures in a Cloud Data Center                        | USA     | 1-Feb-10    | 12/697,854         |             |               |
| System and Method for to be Announced (TBA) Bond Trading                                                                   | USA     | 2-Feb-10    | 12/698,774         |             |               |
| Web User Interface                                                                                                         | USA     | 4-Feb-10    | 12/700,392         |             |               |
| Secure and Automated Credential Information Transfer Mechanism                                                             | USA     | 5-Feb-10    | 12/701,455         |             |               |
| Health and Life Sciences Medicaid High Performance Capability Assessment                                                   | USA     | 8-Feb-10    | 12/701,914         |             |               |
| Enhanced Upgrade Path                                                                                                      | USA     | 9-Feb-10    | 61/302,913         |             |               |
| Remote Technical Support Employing a Configurable Executable Application                                                   | USA     | 15-Feb-10   | 12/705,697         |             |               |
| Multiple Simultaneous Session Support by a Remote Technician                                                               | USA     | 15-Feb-10   | 12/705,702         |             |               |
| Cross Community Invitation and Multiple Provider Product Information Processing System                                     | USA     | 15-Feb-10   | 12/705,912         |             |               |
| Information Technology Infrastructure Architecture Design                                                                  | USA     | 16-Feb-10   | 12/706,396         |             |               |
| Capability Accelerator                                                                                                     | USA     | 17-Feb-10   | 12/706,922         |             |               |
| Internet Marketing Channel Optimization                                                                                    | USA     | 17-Feb-10   | 12/707,111         |             |               |
| A System for Distributed Information Presentation and Interaction                                                          | USA     | 17-Feb-10   | 12/707,128         |             |               |
| System for Relative Performance Based Valuation of Responses                                                               | USA     | 17-Feb-10   | 12/707,464         |             |               |
| Single Access Point for Filing of Converted Electronic Forms to Multiple Processing Entities                               | USA     | 18-Feb-10   | 12/656,879         |             |               |
| Utility Grid Command Filter System                                                                                         | USA     | 19-Feb-10   | 12/709,081         |             |               |
| Energy High Performance Capability Assessment                                                                              | USA     | 23-Feb-10   | 12/710,662         |             |               |
| Determination of a Profile of an Entity Based on Product Descriptions                                                      | USA     | 23-Feb-10   | 12/710,832         |             |               |
| Utility High Performance Capability Assessment                                                                             | USA     | 23-Feb-10   | 12/710,900         |             |               |
| Web Portal Application Customization Method and System Using Profiles                                                      | USA     | 25-Feb-10   | 12/712,835         |             |               |
| Pulp and Paper High Performance Capability Assessment                                                                      | USA     | 26-Feb-10   | 12/713,597         |             |               |
| Chemical High Performance Capability Assessment                                                                            | USA     | 26-Feb-10   | 12/713,647         |             |               |
| Business Driven Learning Solution Particularly Suitable for Sales-Oriented Organizations                                   | USA     | 26-Feb-10   | 12/714,025         |             |               |
| Lean Analytics                                                                                                             | USA     | 1-Mar-10    | 12/714,892         |             |               |
| Evolutionary Process Optimization System                                                                                   | USA     | 4-Mar-10    | 61/310,555         |             |               |
| Adaptive Marketing Using Insight Driven Customer Interaction                                                               | USA     | 5-Mar-10    | 12/718,096         |             |               |



**SCHEDULE A**

| APPLICATION TITLE                                                                                                            | COUNTRY | FILING DATE | APPLICATION NUMBER | PATENT DATE | PATENT NUMBER |
|------------------------------------------------------------------------------------------------------------------------------|---------|-------------|--------------------|-------------|---------------|
| Skills Competency Tool                                                                                                       | USA     | 8-Mar-10    | 12/719,635         |             |               |
| Electronic Toll Management                                                                                                   | USA     | 8-Mar-10    | 12/719,652         |             |               |
| Electronic Toll Management                                                                                                   | USA     | 8-Mar-10    | 12/719,668         |             |               |
| Future Value Analytics                                                                                                       | USA     | 8-Mar-10    | 12/719,677         |             |               |
| Detecting and Investigating Insider Fraud                                                                                    | USA     | 11-Mar-10   | 61/313,094         |             |               |
| Account Level Participation for Underwriting Components                                                                      | USA     | 22-Mar-10   | 12/728,859         |             |               |
| Cloud-based Software Ico System                                                                                              | USA     | 23-Mar-10   | 61/316,975         |             |               |
| Product Assortment Planning System                                                                                           | USA     | 25-Mar-10   | 12/731,756         |             |               |
| Business Process Controls Analytics                                                                                          | USA     | 26-Mar-10   | 12/732,266         |             |               |
| Session Initiation Protocol (SIP)                                                                                            | USA     | 26-Mar-10   | 12/732,561         |             |               |
| System for Integrating Service Management Systems                                                                            | USA     | 29-Mar-10   | 61/318,531         |             |               |
| Marketing Investments Optimizer with Dynamic Hierarchies                                                                     | USA     | 30-Mar-10   | 12/749,756         |             |               |
| Hierarchical Service Management                                                                                              | USA     | 31-Mar-10   | 12/751,384         |             |               |
| Repurposable Recovery Environment                                                                                            | USA     | 1-Apr-10    | 12/752,310         |             |               |
| Method for Logical Segmentation of Contents                                                                                  | USA     | 5-Apr-10    | 12/754,240         |             |               |
| Estimating a Computing Job Complexity                                                                                        | USA     | 5-Apr-10    | 12/754,386         |             |               |
| Generic Control Layer in a Cloud Environment                                                                                 | USA     | 7-Apr-10    | 61/321,761         |             |               |
| Cloud Reference Model Framework                                                                                              | USA     | 7-Apr-10    | 61/321,780         |             |               |
| Semi-Quantitative Risk Analysis                                                                                              | USA     | 8-Apr-10    | 12/662,707         |             |               |
| System for Transmitting an Electronic Recommendation                                                                         | USA     | 9-Apr-10    | 12/757,263         |             |               |
| IVMS Application for Multi-Channel Services                                                                                  | USA     | 15-Apr-10   | 12/760,731         |             |               |
| Web Site Accelerator                                                                                                         | USA     | 16-Apr-10   | 12/761,799         |             |               |
| Touchpoint Customization System                                                                                              | USA     | 16-Apr-10   | 12/762,012         |             |               |
| Digital Content Supply System                                                                                                | USA     | 20-Apr-10   | 12/763,347         |             |               |
| System for Providing Workforce Planning Services                                                                             | USA     | 20-Apr-10   | 12/763,447         |             |               |
| System for Supplying Digital Content                                                                                         | USA     | 20-Apr-10   | 12/763,655         |             |               |
| System for Linking Process Architectures to Technology Architectures                                                         | USA     | 20-Apr-10   | 61/326,065         |             |               |
| Performance Analytics Using a Customer Centricity Index, an Operational Excellence Index, and an Enterprise Management Index | USA     | 22-Apr-10   | 61/326,803         |             |               |
| Methods and Systems for Analyzing Energy Usage                                                                               | USA     | 26-Apr-10   | 12/767,259         |             |               |
| Data Quality Enhancement for Smart Grid Application                                                                          | USA     | 26-Apr-10   | 12/767,354         |             |               |
| Cloud Billing, Credential and Data Sharing Management System                                                                 | USA     | 27-Apr-10   | 61/328,448         |             |               |
| Open Gateway Framework                                                                                                       | USA     | 30-Apr-10   | 12/771,996         |             |               |
| End User Control Configuration System with Dynamic User Interface                                                            | USA     | 3-May-10    | 12/772,500         |             |               |
| Component Based Productivity Measurement                                                                                     | USA     | 6-May-10    | 12/775,174         |             |               |
| Building Energy Consumption Analysis System                                                                                  | USA     | 7-May-10    | 12/776,159         |             |               |
| Machine to Machine Architecture                                                                                              | USA     | 10-May-10   | 12/777,615         |             |               |
| System, Method and Article of Manufacture for a Network-Based Child Support Framework                                        | USA     | 10-May-10   | 12/777,089         |             |               |
| Method and System for Accelerated Data Quality Enhancement                                                                   | USA     | 13-May-10   | 12/779,830         |             |               |
| Systems and Methods for Gathering and Analyzing Social Media Data                                                            | USA     | 13-May-10   | 61/334,430         |             |               |
| Method and System for Software Developer Guidance based on Analyzing Project Events                                          | USA     | 20-May-10   | 12/783,582         |             |               |
| System for Leveraging Complex Event Processing to Address Residual Risk in Smart Card Implementation                         | USA     | 20-May-10   | 61/346,787         |             |               |
| Methods and Systems for Demonstrating and Applying Productivity Gains                                                        | USA     | 25-May-10   | 12/786,795         |             |               |
| System and Method for Analytic Process Design                                                                                | USA     | 2-Jun-10    | 12/792,457         |             |               |
| Presentation Generator                                                                                                       | USA     | 4-Jun-10    | 12/793,811         |             |               |
| Method and System for Reducing Circuit Loss Using Demand Response                                                            | USA     | 8-Jun-10    | 12/796,376         |             |               |
| Assessment System for Choosing Maintenance Approaches for GUI-Directed Test Scripts                                          | USA     | 10-Jun-10   | 12/813,300         |             |               |
| Assisting Compositional Reasoning for Test Scripts                                                                           | USA     | 10-Jun-10   | 12/813,405         |             |               |
| Building Energy Consumption Analysis System                                                                                  | USA     | 11-Jun-10   | 12/814,311         |             |               |
| Interactive Voice Response System                                                                                            | USA     | 14-Jun-10   | 12/796,499         |             |               |

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| APPLICATION TITLE                                                               | COUNTRY | FILING DATE | APPLICATION NUMBER | PATENT DATE | PATENT NUMBER |
|---------------------------------------------------------------------------------|---------|-------------|--------------------|-------------|---------------|
| Auction Result Prediction with Auction Insurance                                | USA     | 15-Jun-10   | 12/816,079         |             |               |
| Frame Accurate Content Insertion System                                         | USA     | 21-Jun-10   | 61/356,965         |             |               |
| Integration Framework for Enterprise Content Management System                  | USA     | 22-Jun-10   | 12/820,255         |             |               |
| Enhanced Upgrade Path                                                           | USA     | 23-Jun-10   | 12/821,276         |             |               |
| Dynamic Server Consolidation and Rationalization Modeling Tool                  | USA     | 23-Jun-10   | 12/821,290         |             |               |
| Access Channel Definition Technology                                            | USA     | 1-Jul-10    | 12/828,825         |             |               |
| Specified Business Function Scoring Tool                                        | USA     | 1-Jul-10    | 12/829,199         |             |               |
| Intelligent Network                                                             | USA     | 2-Jul-10    | 12/830,053         |             |               |
| Scorecard Reporting System                                                      | USA     | 2-Jul-10    | 12/830,171         |             |               |
| Plugin Enhancements                                                             | USA     | 2-Jul-10    | 61/360,956         |             |               |
| Marketing Model Determination System                                            | USA     | 6-Jul-10    | 12/830,608         |             |               |
| Requirement Statement Manipulation System                                       | USA     | 6-Jul-10    | 12/830,700         |             |               |
| Case Management System                                                          | USA     | 12-Jul-10   | 12/834,149         |             |               |
| System and Method for Risk-Based Data Assessment                                | USA     | 29-Jul-10   | 12/805,496         |             |               |
| System for Relative Positioning of Access Points in a Real Time Locating System | USA     | 30-Jul-10   | 12/847,718         |             |               |
| SALES AND OPERATIONS PLANNING INTERFACE TOOL                                    | USA     | 10-Aug-10   | 61/401,359         |             |               |
| High Performance Selling Optimization System                                    | USA     | 16-Aug-10   | 61/374,114         |             |               |