

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

SECURITY AGREEMENT

CONVEYING PARTY DATA

| Name                 | Execution Date |
|----------------------|----------------|
| Dialogic Corporation | 10/05/2007     |

RECEIVING PARTY DATA

|                   |                  |
|-------------------|------------------|
| Name:             | Obsidian, LLC    |
| Street Address:   | 2951 28th Street |
| Internal Address: | Suite 1000       |
| City:             | Santa Monica     |
| State/Country:    | CALIFORNIA       |
| Postal Code:      | 90405            |

PROPERTY NUMBERS Total: 46

| Property Type  | Number    |
|----------------|-----------|
| PCT Number:    | US0615715 |
| PCT Number:    | US0715661 |
| PCT Number:    | US0341517 |
| PCT Number:    | US0507647 |
| PCT Number:    | US0507648 |
| PCT Number:    | US0641458 |
| PCT Number:    | US0639757 |
| Patent Number: | 7155385   |
| Patent Number: | 6988169   |
| Patent Number: | 6920143   |
| Patent Number: | 4918722   |
| Patent Number: | D465465   |
| Patent Number: | 5291546   |
| Patent Number: | 5488651   |

PATENT

500392322

REEL: 020072 FRAME: 0203

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| Patent Number:      | 7031752  |
| Patent Number:      | 7113580  |
| Patent Number:      | 6888925  |
| Patent Number:      | 6952407  |
| Patent Number:      | 7251246  |
| Patent Number:      | 7139380  |
| Patent Number:      | 6950311  |
| Patent Number:      | 7149287  |
| Patent Number:      | 6321194  |
| Application Number: | 11484066 |
| Application Number: | 11305621 |
| Application Number: | 11200689 |
| Application Number: | 10191788 |
| Application Number: | 11118910 |
| Application Number: | 10458350 |
| Application Number: | 10748373 |
| Application Number: | 10717438 |
| Application Number: | 11012020 |
| Application Number: | 11076815 |
| Application Number: | 10190247 |
| Application Number: | 10893207 |
| Application Number: | 10693621 |
| Application Number: | 11047167 |
| Application Number: | 10780501 |
| Application Number: | 10242776 |
| Application Number: | 10783959 |
| Application Number: | 10783984 |
| Application Number: | 11258575 |
| Application Number: | 11252818 |
| Application Number: | 11598495 |
| Application Number: | 10141406 |
| Application Number: | 10785501 |

CORRESPONDENCE DATA

Fax Number: (212)822-5423

**PATENT**  
**REEL: 020072 FRAME: 0204**

*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*

Phone: 212-530-5000  
Email: jnici@milbank.com  
Correspondent Name: Milbank, Tweed, Hadley & McCloy LLP  
Address Line 1: One Chase Manhattan Plaza  
Address Line 2: Rm. 4640  
Address Line 4: New York, NEW YORK 10005

|                         |             |
|-------------------------|-------------|
| ATTORNEY DOCKET NUMBER: | 37773-03400 |
|-------------------------|-------------|

|                    |            |
|--------------------|------------|
| NAME OF SUBMITTER: | Janis Nici |
|--------------------|------------|

**Total Attachments: 22**

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## INTELLECTUAL PROPERTY SECURITY AGREEMENT

This **INTELLECTUAL PROPERTY SECURITY AGREEMENT** (this "**Agreement**") is dated as of October 5, 2007 and entered into by and among **DIALOGIC CORPORATION**, a British Columbia corporation (the "**Company**"), each of the Subsidiaries of the Company identified under the caption "Subsidiary Guarantors" on the signature pages hereto or which from time to time may become party hereto as contemplated by the Security Agreement (as defined below) (individually a "**Subsidiary Guarantor**" and, collectively the "**Subsidiary Guarantors**" and, together with the Company, the "**Obligors**"), and **OBSIDIAN, LLC**, a Delaware limited liability company, as agent (in such capacity, together with its successors in such capacity, the "**Collateral Agent**") for the Secured Parties (as defined below).

In accordance with the Security Agreement dated as of September 28, 2006 (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, the "**Security Agreement**"), by and among the Company, the subsidiary guarantors party thereto and the Collateral Agent, the Obligors have agreed to grant to the Collateral Agent a continuing security interest in, among other things, the Copyright Collateral, the Patent Collateral and the Trademark Collateral (each as defined herein).

To induce said Collateral Agent to enter into and be bound by the terms of the Security Agreement, and for other good and valuable consideration (the receipt and sufficiency of which are hereby acknowledged), the parties hereto agree as follows:

1. Unless the context otherwise requires, all capitalized terms used but not defined herein shall have the meanings set forth in the Security Agreement. As used herein, the following terms shall have the following meanings:

"**Copyright Collateral**" means all Copyrights, whether now owned or hereafter acquired by any Obligor, including each registered Copyright identified on Schedule 1 hereto.

"**Copyrights**" means all copyrights, copyright registrations and applications for copyright registrations, including, without limitation, all renewals and extensions thereof, the right to recover for all past, present and future infringements thereof, and all other rights of any kind whatsoever accruing thereunder or pertaining thereto.

"**Patent Collateral**" means all Patents, whether now owned or hereafter acquired by any Obligor, including each Patent identified on Schedule 2 hereto.

"**Patents**" means all patents and patent applications, including, without limitation, the inventions and improvements described and claimed therein together with the reissues, divisions, continuations, renewals, extensions and continuations-in-part thereof, including the right to sue for past, present and future infringements thereof, and all rights corresponding thereto throughout the world.

"**Trademark Collateral**" means all Trademarks, whether now owned or hereafter acquired by any Obligor, including each Trademark identified on Schedule 3 hereto. Notwithstanding the foregoing, the Trademark Collateral does not and shall not include any Trademark that would be rendered invalid, abandoned, void or unenforceable by reason of its being included as part of the Trademark Collateral.

"**Trademarks**" means all trade names, trademarks and service marks, logos, trademark and service mark registrations, and applications for trademark and service mark registrations, including, without limitation, all renewals of trademark and service mark registrations, all rights corresponding

thereto throughout the world, the right to recover for all past, present and future infringements thereof, all other rights of any kind whatsoever accruing thereunder or pertaining thereto, together, in each case, with the product lines and goodwill of the business connected with the use of, and symbolized by, each such trade name, trademark and service mark.

2. As collateral security for the prompt payment or performance in full when due, whether at stated maturity, by acceleration or otherwise (including, without limitation, the payment of amounts that would become due but for the operation of the automatic stay under Section 362(c) of the Bankruptcy Code or any similar legislation in any other relevant jurisdiction) of the Secured Obligations, whether now existing or hereafter from time to time arising, each Obligor hereby grants to the Collateral Agent, for the benefit of the Secured Parties, a security interest in all of such Obligor's right, title and interest in, to and under the Copyright Collateral, the Patent Collateral and the Trademark Collateral.

3. This Agreement is made to secure the satisfactory performance and payment of all the Secured Obligations. Upon termination of the Security Agreement or release of an Obligor's obligations thereunder, the Collateral Agent shall, upon such satisfaction, execute, acknowledge, and deliver to the Obligors or an Obligor, as the case may be, (a) an instrument in writing releasing the security interest in the Copyright Collateral, the Patent Collateral and the Trademark Collateral acquired under this Agreement and (b) such other documents as shall be reasonably requested by the Obligors or an Obligor, as the case may be, to effect the termination and release of the security interest in the Copyright Collateral, the Patent Collateral and the Trademark Collateral. Additionally, upon such satisfaction, the Collateral Agent shall reasonably cooperate with any efforts made by an Obligor to make of record or otherwise confirm such satisfaction including, but not limited to, the release and/or termination of this Agreement and any security interest in, to or under the subject collateral.

4. The security interest in this Agreement has been granted as a supplement to, and not in limitation of, the security interest granted to the Collateral Agent under the Security Agreement. The Security Agreement (and all rights and remedies of the Collateral Agent) shall remain in full force and effect in accordance with its terms. The rights and remedies of the Collateral Agent with respect to the security interest granted herein are without prejudice to, and are in addition to those set forth in the Security Agreement, all terms and provisions of which are incorporated herein by reference.

5. **THIS AGREEMENT SHALL BE CONSTRUED AND ENFORCED IN ACCORDANCE WITH, AND THE RIGHTS OF THE PARTIES SHALL BE GOVERNED BY, THE LAW OF THE STATE OF NEW YORK EXCLUDING CHOICE-OF-LAW PRINCIPLES OF THE LAW OF SUCH STATE THAT WOULD REQUIRE THE APPLICATION OF THE LAWS OF A JURISDICTION OTHER THAN SUCH STATE.**

6. **EACH OF THE PARTIES TO THIS AGREEMENT HEREBY AGREES TO WAIVE ITS RESPECTIVE RIGHTS TO A JURY TRIAL OF ANY CLAIM OR CAUSE OF ACTION BASED UPON OR ARISING OUT OF THIS AGREEMENT OR ANY DEALINGS BETWEEN THEM RELATING TO THE SUBJECT MATTER OF THIS AGREEMENT OR THE RELATIONSHIP THAT IS BEING ESTABLISHED. THE SCOPE OF THIS WAIVER IS INTENDED TO BE ALL-ENCOMPASSING OF ANY AND ALL DISPUTES THAT MAY BE FILED IN ANY COURT AND THAT RELATE TO THE SUBJECT MATTER OF THIS TRANSACTION, INCLUDING CONTRACT CLAIMS, TORT CLAIMS, BREACH OF DUTY CLAIMS AND ALL OTHER COMMON LAW AND STATUTORY CLAIMS. EACH PARTY HERETO ACKNOWLEDGES THAT THIS WAIVER IS A MATERIAL INDUCEMENT TO ENTER INTO A BUSINESS RELATIONSHIP, THAT EACH HAS ALREADY RELIED ON THIS WAIVER IN ENTERING INTO THIS AGREEMENT, AND THAT EACH WILL CONTINUE TO RELY ON THIS WAIVER IN THEIR RELATED FUTURE DEALINGS. EACH**

PARTY HERETO FURTHER WARRANTS AND REPRESENTS THAT IT HAS REVIEWED THIS WAIVER WITH ITS LEGAL COUNSEL AND THAT IT KNOWINGLY AND VOLUNTARILY WAIVES ITS JURY TRIAL RIGHTS FOLLOWING CONSULTATION WITH LEGAL COUNSEL. THIS WAIVER IS IRREVOCABLE, MEANING THAT IT MAY NOT BE MODIFIED EITHER ORALLY OR IN WRITING (OTHER THAN BY A MUTUAL WRITTEN WAIVER SPECIFICALLY REFERRING TO THIS SECTION 6 AND EXECUTED BY EACH OF THE PARTIES HERETO), AND THIS WAIVER SHALL APPLY TO ANY SUBSEQUENT AMENDMENTS, RENEWALS, SUPPLEMENTS OR MODIFICATIONS TO THIS AGREEMENT OR ANY OF THE OTHER TRANSACTION DOCUMENTS OR TO ANY OTHER DOCUMENTS OR AGREEMENTS RELATING TO THE LOANS. IN THE EVENT OF LITIGATION, THIS AGREEMENT MAY BE FILED AS A WRITTEN CONSENT TO A TRIAL BY THE COURT.

7. Each party hereto hereby irrevocably and unconditionally:

(a) submits for itself and its Property in any legal action or proceeding relating to this Agreement and the other Transaction Documents to which it is a party, or for recognition and enforcement of any judgment in respect thereof, to the non-exclusive general jurisdiction of the courts of the State of New York, the courts of the United States of America for the Southern District of New York, and appellate courts from any thereof;

(b) consents that any such action or proceeding may be brought in such courts and waives any objection that it may now or hereafter have to the venue of any such action or proceeding in any such court or that such action or proceeding was brought in an inconvenient court and agrees not to plead or claim the same;

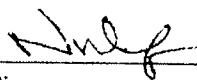
(c) agrees that service of process in any such action or proceeding may be effected by mailing a copy thereof by registered or certified mail (or any substantially similar form of mail), postage prepaid, to such Obligor at its address as specified in Section 6.1 of the Security Agreement or at such other address of which the Collateral Agent and the Lenders have been notified pursuant thereto; and

(d) agrees that nothing herein shall affect the right to effect service of process in any other manner permitted by law or shall limit the right to sue in any other jurisdiction.

8. This Agreement may be executed in any number of counterparts, each of which when so executed shall be deemed to be an original and all of which taken together shall constitute one and the same instrument. Upon delivery, facsimiles of original signatures shall be effective as originals for all purposes.

IN WITNESS WHEREOF, the parties hereto have duly executed this Agreement as of the day and year first above written.

**DIALOGIC CORPORATION**, as the Company

By:   
Name:  
Title:

[Signature Page to IP Security Agreement]

SUBSIDIARY GUARANTORS

**DIALOGIC DISTRIBUTION LIMITED,**  
(a company organized under the laws of Ireland)

SIGNED SEALED AND DELIVERED

by Nick Jensen  
the lawful attorney for and on behalf of  
**DIALOGIC DISTRIBUTION LIMITED**  
in the presence of: Anthony Morel

Nick Jensen  
Authorized Signatory (Signature)

Witness: Anthony Morel

**DIALOGIC MANUFACTURING LIMITED,**  
(a company organized under the laws of Ireland)

SIGNED SEALED AND DELIVERED

by Nick Jensen  
the lawful attorney for and on behalf of  
**DIALOGIC MANUFACTURING LIMITED**  
in the presence of: Anthony Morel

Nick Jensen  
Authorized Signatory (Signature)

Witness: Anthony Morel



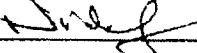
**DIALOGIC, INC.,**  
a Delaware corporation

By:   
Name:  
Title:

Address for Notices:

9800 Cavendish Blvd., 5<sup>th</sup> Floor  
Montreal, Quebec, Canada H4M 2V9

**DIALOGIC RESEARCH INC.,**  
a Delaware corporation

By:   
Name:  
Title:

Address for Notices:

9800 Cavendish Blvd., 5<sup>th</sup> Floor  
Montreal, Quebec, Canada H4M 2V9

**SHIVA (US) NETWORK CORPORATION,**  
a Massachusetts corporation

By:   
Name:  
Title:

Address for Notices:

9800 Cavendish Blvd., 5<sup>th</sup> Floor  
Montreal, Quebec, Canada H4M 2V9

**EAS GROUP, INC.,**  
a Delaware corporation

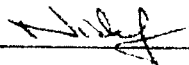
By:   
Name:  
Title:

Address for Notices:

[Signature Page to IP Security Agreement]

9800 Cavendish Blvd., 5<sup>th</sup> Floor  
Montreal, Quebec, Canada H4M 2V9

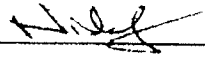
**CANTATA TECHNOLOGY, INC.,**  
a Massachusetts corporation

By:   
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

Address for Notices:

9800 Cavendish Blvd., 5<sup>th</sup> Floor  
Montreal, Quebec, Canada H4M 2V9

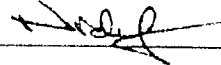
**EXCEL SWITCHING CORPORATION,**  
a Delaware corporation

By:   
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

Address for Notices:

9800 Cavendish Blvd., 5<sup>th</sup> Floor  
Montreal, Quebec, Canada H4M 2V9

**EXCEL SECURITIES CORPORATION,**  
a Massachusetts corporation

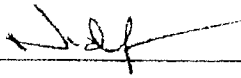
By:   
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

Address for Notices:

9800 Cavendish Blvd., 5<sup>th</sup> Floor  
Montreal, Quebec, Canada H4M 2V9

[Signature Page to IP Security Agreement]

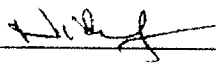
**CANTATA TECHNOLOGY INTERNATIONAL, INC.,**  
a Massachusetts corporation

By:   
Name:  
Title:

Address for Notices:

9800 Cavendish Blvd., 5<sup>th</sup> Floor  
Montreal, Quebec, Canada H4M 2V9

**CANTATA JAPAN, INC.,**  
a Delaware corporation

By:   
Name:  
Title:

Address for Notices:

9800 Cavendish Blvd., 5<sup>th</sup> Floor  
Montreal, Quebec, Canada H4M 2V9

**BROOKTROUT SECURITIES CORPORATION,**  
a Massachusetts corporation

By:   
Name:  
Title:

Address for Notices:

9800 Cavendish Blvd., 5<sup>th</sup> Floor  
Montreal, Quebec, Canada H4M 2V9

**BROOKTROUT NETWORKS GROUP, INC.,**  
a Massachusetts corporation

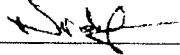
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[Signature Page to IP Security Agreement]

9800 Cavendish Blvd., 5<sup>th</sup> Floor  
Montreal, Quebec, Canada H4M 2V9

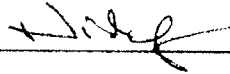
**BROOKTROUT TECHNOLOGY, INC.,**  
a Delaware corporation

By:   
Name:  
Title:

Address for Notices:

9800 Cavendish Blvd., 5<sup>th</sup> Floor  
Montreal, Quebec, Canada H4M 2V9

**SNOWSHORE NETWORKS, INC.,**  
a Delaware corporation

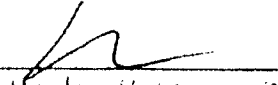
By:   
Name:  
Title:

Address for Notices:

9800 Cavendish Blvd., 5<sup>th</sup> Floor  
Montreal, Quebec, Canada H4M 2V9

[Signature Page to IP Security Agreement]

OBSIDIAN LLC, as Collateral Agent

By:   
Name: Mark Holdsworth  
Title: Authorized Signatory

[Signature Page to IP Security Agreement]

COPYRIGHT COLLATERAL

None.

PATENT COLLATERAL

| <b>Title</b>                                                                             | <b>Country</b> | <b>Filing Date/<br/>Grant Date</b> | <b>Appl. No./<br/>Reg. No.</b> | <b>Owner</b>         | <b>Security Interests</b> |
|------------------------------------------------------------------------------------------|----------------|------------------------------------|--------------------------------|----------------------|---------------------------|
| Flexible call routing system                                                             | Australia      | Granted 6/13/02                    | 748705                         | Dialogic Corporation |                           |
| Method and apparatus for non-disruptive addition of a new node to an inter-nodal network | Australia      | Granted 6/20/02                    | 749265                         | Dialogic Corporation |                           |
| Telecommunications switching system with readily configurable supervisor control         | Australia      | Granted 7/6/00                     | 721461                         | Dialogic Corporation |                           |
| Flexible call routing system                                                             | Canada         | Granted 12/16/99                   | 2331811                        | Dialogic Corporation |                           |
| High performance transparent call distribution                                           | Canada         | Granted 7/29/04                    | 2512273                        | Dialogic Corporation |                           |
| Method and apparatus for non-disruptive addition of a new node to an inter-nodal network | Canada         | Granted 1/6/00                     | 2334972                        | Dialogic Corporation |                           |
| Programming call-processing application in a switch system                               | Canada         | Granted 12/16/99                   | 2331212                        | Dialogic Corporation |                           |
| System and method for constructing phrases for a media server                            | Canada         | Granted 1/16/03                    | 2452134                        | Dialogic Corporation |                           |
| Flexible call routing system                                                             | EPO            | Filed 3/28/01                      | 1086595                        | Dialogic Corporation |                           |
| High performance transparent call distribution                                           | EPO            | Filed 12/30/03                     | 1581861                        | Dialogic Corporation |                           |
| Jitter buffer management                                                                 | EPO            | Filed 3/10/05                      | 1754327                        | Dialogic Corporation |                           |
| Programming call-processing application in a switch system                               | France         | Granted 12/16/99                   | 1086594                        | Dialogic Corporation |                           |
| Method and apparatus for non-disruptive addition of a new node to an inter-nodal network | Germany        | Granted 11/10/05                   | 69922200.1-8                   | Dialogic Corporation |                           |

| <b>Title</b>                                                                                            | <b>Country</b> | <b>Filing Date/<br/>Grant Date</b> | <b>Appl. No./<br/>Reg. No.</b> | <b>Owner</b>         | <b>Security Interests</b> |
|---------------------------------------------------------------------------------------------------------|----------------|------------------------------------|--------------------------------|----------------------|---------------------------|
| Programming call-processing application in a switch system                                              | Germany        | Granted 4/26/04                    | 69910570.6                     | Dialogic Corporation |                           |
| Programming call-processing application in a switch system                                              | Great Britain  | Granted 12/16/99                   | 1086594                        | Dialogic Corporation |                           |
| Arrangement for providing network protocol data independence in an expandable telecommunications system | Japan          | Filed 11/19/02                     | 2002539727                     | Dialogic Corporation |                           |
| Flexible call routing system                                                                            | Japan          | Filed 6/3/1999                     | 2000-554150                    | Dialogic Corporation |                           |
| Jitter buffer management                                                                                | Japan          | Filed 9/15/06                      | 2007- 503956                   | Dialogic Corporation |                           |
| Method and apparatus for non-disruptive addition of a new node to an inter-nodal network                | Japan          | Filed 6/28/1999                    | 2000-557599                    | Dialogic Corporation |                           |
| Programming call-processing application in a switch system                                              | Japan          | Filed 6/3/99                       | 2000-554149                    | Dialogic Corporation |                           |
| Telecommunications switching system with readily configurable supervisor control                        | Japan          | Filed 8/28/01                      | 2001-513298                    | Dialogic Corporation |                           |
| Controlling an output while receiving a user input                                                      | PCT            | Filed 4/25/06                      | PCT/US2006/01571 5             | Dialogic Corporation |                           |
| Facsimile transmission authentication                                                                   | PCT            | Filed 7/9/07                       | PCT/US2007/01566 1             | Dialogic Corporation |                           |
| High performance transparent call distribution                                                          | PCT            | Filed 12/30/03                     | PCT/US2003/04151 7             | Dialogic Corporation |                           |
| Jitter buffer management                                                                                | PCT            | Filed 9/29/05                      | PCT/US2005/00764 7             | Dialogic Corporation |                           |
| Method and apparatus for detecting stuck calls in a session initial protocol session                    | PCT            | Filed 3/10/05                      | PCT/US2005/07648               | Dialogic Corporation |                           |



| <b>Title</b>                                                                                                                                              | <b>Country</b> | <b>Filing Date/<br/>Grant Date</b> | <b>Appl. No./<br/>Reg. No.</b> | <b>Owner</b>         | <b>Security Interests</b> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------------------------------|--------------------------------|----------------------|---------------------------|
| Remote control of device by telephone or other communication devices                                                                                      | PCT            | Filed 10/24/06                     | PCT/US2006/041458              | Dialogic Corporation |                           |
| Supplementing facsimile image data                                                                                                                        | PCT            | Filed 10/11/06                     | PCT/US2006/039757              | Dialogic Corporation |                           |
| System and method for authentication of transformed documents                                                                                             | US             | Filed 11/13/06                     | 11/598495                      | Dialogic Corporation |                           |
| Facsimile transmission authentication                                                                                                                     | US             | Filed 7/11/06                      | 11/484066                      | Dialogic Corporation |                           |
| Method and system for development and use of a user-interface for operations, administration, maintenance and provisioning of a telecommunications system | US             | Filed 6/21/07                      | 11/305621                      | Dialogic Corporation |                           |
| An open programmable software protocol stack for use with an internet telephony system                                                                    | US             | Filed 4/12/07                      | 11/200689                      | Dialogic Corporation |                           |
| Automatic gain control for adjusting gain during non-speech portions                                                                                      | US             | Granted 12/26/06                   | 7155385                        | Dialogic Corporation |                           |
| Cache for large object real time latency elimination                                                                                                      | US             | Granted 1/17/06                    | 6988169                        | Dialogic Corporation |                           |
| Computer telephony system using multiple hardware platforms to provide telephony services                                                                 | US             | Granted 7/19/05                    | 6920143                        | Dialogic Corporation |                           |
| Conferencing architecture employing media servers and enhanced session initiation protocol                                                                | US             | Filed 7/9/02                       | 10/191788                      | Dialogic Corporation |                           |
| Control of electronic information delivery                                                                                                                | US             | Granted 4/17/90                    | 4918722                        | Dialogic Corporation |                           |

| <b>Title</b>                                                                                               | <b>Country</b> | <b>Filing Date/<br/>Grant Date</b> | <b>Appl. No./<br/>Reg. No.</b> | <b>Owner</b>         | <b>Security Interests</b> |
|------------------------------------------------------------------------------------------------------------|----------------|------------------------------------|--------------------------------|----------------------|---------------------------|
| Controlling an output while receiving a user input                                                         | US             | Filed<br>4/29/05                   | 11/118910                      | Dialogic Corporation |                           |
| Cross correlation, bulk delay estimation, and echo cancellation                                            | US             | Filed<br>06/10/03                  | 10/458350                      | Dialogic Corporation |                           |
| Electronics enclosure                                                                                      | US             | Granted<br>11/10/02                | D465465                        | Dialogic Corporation |                           |
| Facsimile transmission authentication                                                                      | US             | Filed<br>7/11/06                   | 11/484066                      | Dialogic Corporation |                           |
| Fax message system                                                                                         | US             | Granted<br>3/1/94                  | 5291546                        | Dialogic Corporation |                           |
| Fax message system                                                                                         | US             | Granted<br>1/30/96                 | 5488651                        | Dialogic Corporation |                           |
| High performance transparent call distribution                                                             | US             | Filed<br>12/30/03                  | 10/748373                      | Dialogic Corporation |                           |
| Hybrid switching architecture having dynamically assigned switching models for converged services platform | US             | Filed<br>11/19/03                  | 10/717438                      | Dialogic Corporation |                           |
| Integrated chassis assembly                                                                                | US             | Filed<br>12/14/04                  | 11/012020                      | Dialogic Corporation |                           |
| Jitter buffer management                                                                                   | US             | Filed<br>3/10/05                   | 11/076815                      | Dialogic Corporation |                           |
| Low latency packet processor                                                                               | US             | Filed<br>7/3/02                    | 10/190247                      | Dialogic Corporation |                           |
| Media gateway control with SIP extension using XML MGC MME                                                 | US             | Filed<br>7/16/04                   | 10/893207                      | Dialogic Corporation |                           |
| Media resource card with dynamically allocated resource points                                             | US             | Filed<br>10/24/03                  | 10/693621                      | Dialogic Corporation |                           |
| Media resource card with programmable caching for converged services platform                              | US             | Granted<br>4/18/06                 | 7031752                        | Dialogic Corporation |                           |
| Method and apparatus for detecting stuck calls in a communication session                                  | US             | Filed<br>1/28/05                   | 11/047167                      | Dialogic Corporation |                           |

| <b>Title</b>                                                                                                                                              | <b>Country</b> | <b>Filing Date/<br/>Grant Date</b> | <b>Appl. No./<br/>Reg. No.</b> | <b>Owner</b>         | <b>Security Interests</b> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------------------------------|--------------------------------|----------------------|---------------------------|
| Method and apparatus for performing conferencing services and echo suppression                                                                            | US             | Granted 9/26/06                    | 7113580                        | Dialogic Corporation |                           |
| Method and apparatus for performing echo suppression                                                                                                      | US             | Filed 2/17/04                      | 10/780,501                     | Dialogic Corporation |                           |
| Method and system for development and use of a user-interface for operations, administration, maintenance and provisioning of a telecommunications system | US             | Filed 6/21/07                      | 11/305621                      | Dialogic Corporation |                           |
| Method for testing large-scale audio conference servers                                                                                                   | US             | Granted 5/3/05                     | 6888925                        | Dialogic Corporation |                           |
| Methods and systems for jitter minimization in streaming media                                                                                            | US             | Filed 9/13/02                      | 10/242776                      | Dialogic Corporation |                           |
| Minimizing latency with content-based adaptive buffering                                                                                                  | US             | Granted 10/04/05                   | 6952407                        | Dialogic Corporation |                           |
| Redundancy Arrangement for Media Playback                                                                                                                 | US             | Filed 2/20/04                      | 10/783959                      | Dialogic Corporation |                           |
| Redundancy arrangement for telecommunications switch                                                                                                      | US             | Filed 2/20/04                      | 10/783984                      | Dialogic Corporation |                           |
| Remote control of device by telephone or other communication devices                                                                                      | US             | Filed 10/25/05                     | 11/258575                      | Dialogic Corporation |                           |
| Selective packet processing in a packet based media processor for latency reduction                                                                       | US             | Granted 7/31/07                    | 7251246                        | Dialogic Corporation |                           |
| Supplementing facsimile image data                                                                                                                        | US             | Filed 10/18/05                     | 11/252818                      | Dialogic Corporation |                           |

| <b>Title</b>                                                                                            | <b>Country</b> | <b>Filing Date/<br/>Grant Date</b> | <b>Appl. No./<br/>Reg. No.</b> | <b>Owner</b>         | <b>Security Interests</b> |
|---------------------------------------------------------------------------------------------------------|----------------|------------------------------------|--------------------------------|----------------------|---------------------------|
| System and Method for Authentication of Transformed Documents                                           | US             | Filed 11/13/06                     | 11/598495                      | Dialogic Corporation |                           |
| System and method for constructing phrases for a media server                                           | US             | Filed 5/8/02                       | 10/141406                      | Dialogic Corporation |                           |
| System and method for performing signaling-plan-specific call progress analysis                         | US             | Granted 11/21/06                   | 7139380                        | Dialogic Corporation |                           |
| System and method for providing user input information to multiple independent, concurrent applications | US             | Filed 2/24/04                      | 10/785501                      | Dialogic Corporation |                           |
| Telecommunications switch/server                                                                        | US             | Granted 9/27/05                    | 6950311                        | Dialogic Corporation |                           |
| Universal voice browser framework                                                                       | US             | Granted 12/12/06                   | 7149287                        | Dialogic Corporation |                           |
| Voice detection in audio signals                                                                        | US             | Granted 11/20/01                   | 6321194                        | Dialogic Corporation |                           |

# TRADEMARK COLLATERAL

| Mark                                   | Country | Filing Date/<br>Reg. Date | Appl. No./ Reg.<br>No. | Owner                   | Security Interests                                                                                          |
|----------------------------------------|---------|---------------------------|------------------------|-------------------------|-------------------------------------------------------------------------------------------------------------|
| TRUE FAX                               | US      | Granted<br>5/14/91        | 1,644,308              | Dialogic<br>Corporation |                                                                                                             |
| INSTANT ISDN                           | US      | Granted<br>11/18/97       | 2,113,922              | Dialogic<br>Corporation | Security interest granted by<br>Netaccess, Inc. to<br>Wachovia Bank on 5/30/03<br>at reel/frame: 2660/0829. |
| NETACCESS                              | US      | Granted<br>12/2/97        | 2,118,566              | Dialogic<br>Corporation | Security interest granted by<br>Netaccess, Inc. to<br>Wachovia Bank on 5/30/03<br>at reel/frame: 2660/0829. |
| BROOKTROUT                             | US      | Granted<br>11/27/01       | 2,512,662              | Dialogic<br>Corporation |                                                                                                             |
| BROOKTROUT and<br>design               | China   | Granted<br>11/28/97       | 1131203                | Dialogic<br>Corporation |                                                                                                             |
| BROOKTROUT and<br>Design               | Japan   | Granted<br>11/20/98       | 4213408                | Dialogic<br>Corporation |                                                                                                             |
| BROOKTROUT and<br>Design               | US      | Granted<br>11/27/01       | 2,512,673              | Dialogic<br>Corporation |                                                                                                             |
| REALBLOCS                              | US      | Granted<br>6/24/03        | 2,730,211              | Dialogic<br>Corporation |                                                                                                             |
| BROOKTROUT<br>TECHNOLOGY               | US      | Granted<br>12/9/97        | 2,119,415              | Dialogic<br>Corporation |                                                                                                             |
| BROOKTROUT<br>TECHNOLOGY and<br>Design | US      | Granted<br>11/18/97       | 2,113,880              | Dialogic<br>Corporation |                                                                                                             |
| REALCOMM 100                           | US      | Granted<br>8/20/2002      | 2,610,294              | Dialogic<br>Corporation |                                                                                                             |
| TRUFAX                                 | US      | Granted<br>7/17/98        | 2,171,194              | Dialogic<br>Corporation |                                                                                                             |
| TRXSTREAM                              | US      | Granted<br>7/30/2002      | 2,602,080              | Dialogic<br>Corporation |                                                                                                             |
| YOUR HOOK INTO<br>THE NEW NETWORK      | US      | Granted<br>11/13/2001     | 2,508,139              | Dialogic<br>Corporation |                                                                                                             |

| Mark    | Country                                                                                                                                                                                              | Filing Date/<br>Reg. Date | Appl. No./ Reg.<br>No. | Owner                   | Security Interests |
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| CANTATA | Argentina                                                                                                                                                                                            | Filed<br>6/7/2006         | 2676597                | Dialogic<br>Corporation |                    |
| CANTATA | International<br>Register<br><br>(Countries:<br>Australia,<br>China,<br>Iceland,<br>Japan,<br>Morocco,<br>Norway,<br>Russian<br>Federation,<br>Singapore,<br>South Korea,<br>Switzerland,<br>Turkey) | Granted<br>6/6/2006       | IR893270               | Dialogic<br>Corporation |                    |
| CANTATA | Brazil                                                                                                                                                                                               | Filed<br>6/7/2006         | 828492743              | Dialogic<br>Corporation |                    |
| CANTATA | Canada                                                                                                                                                                                               | Filed<br>6/5/2006         | 1304133                | Dialogic<br>Corporation |                    |
| CANTATA | Egypt                                                                                                                                                                                                | Filed<br>6/7/2006         | 187809                 | Dialogic<br>Corporation |                    |
| CANTATA | Hong Kong                                                                                                                                                                                            | Granted<br>11/24/2006     | 300654291              | Dialogic<br>Corporation |                    |
| CANTATA | India                                                                                                                                                                                                | Filed<br>6/6/2006         | 1459438                | Dialogic<br>Corporation |                    |
| CANTATA | Israel                                                                                                                                                                                               | Filed<br>6/7/2006         | 190926                 | Dialogic<br>Corporation |                    |
| CANTATA | Mexico                                                                                                                                                                                               | Granted<br>9/19/2006      | 952944                 | Dialogic<br>Corporation |                    |
| CANTATA | New Zealand                                                                                                                                                                                          | Granted<br>1/11/2007      | 749067                 | Dialogic<br>Corporation |                    |
| CANTATA | South Africa                                                                                                                                                                                         | Filed<br>6/5/2006         | 200612409              | Dialogic<br>Corporation |                    |
| CANTATA | Taiwan                                                                                                                                                                                               | Granted<br>12/31/2006     | 1243879                | Dialogic<br>Corporation |                    |
| CANTATA | Thailand                                                                                                                                                                                             | Filed<br>6/15/2006        | 628889                 | Dialogic<br>Corporation |                    |

| Mark                  | Country                                                                                                                                                                                              | Filing Date/<br>Reg. Date | Appl. No./ Reg.<br>No. | Owner                   | Security Interests |
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| CANTATA               | US                                                                                                                                                                                                   | Filed<br>12/7/2005        | 78/768,628             | Dialogic<br>Corporation |                    |
| CANTATA               | US                                                                                                                                                                                                   | Filed<br>6/6/2006         | 78/901,271             | Dialogic<br>Corporation |                    |
| CANTATA<br>TECHNOLOGY | US                                                                                                                                                                                                   | Filed 1/9/06              | 78/787,614             | Dialogic<br>Corporation |                    |
| Measure Design Logo   | Argentina                                                                                                                                                                                            | Filed<br>6/22/2006        | 2679940                | Dialogic<br>Corporation |                    |
| Measure Design Logo   | International<br>Register<br><br>(Countries:<br>Australia,<br>China,<br>Iceland,<br>Japan,<br>Morocco,<br>Norway,<br>Russian<br>Federation,<br>Singapore,<br>South Korea,<br>Switzerland,<br>Turkey) | Granted<br>6/6/2006       | IR888593               | Dialogic<br>Corporation |                    |
| Measure Design Logo   | Brazil                                                                                                                                                                                               | Filed<br>8/3/2006         | 828599661              | Dialogic<br>Corporation |                    |
| Measure Design Logo   | Canada                                                                                                                                                                                               | Filed<br>12/6/2006        | 1327077                | Dialogic<br>Corporation |                    |
| Measure Design Logo   | Egypt                                                                                                                                                                                                | Filed<br>6/25/2006        | 188768                 | Dialogic<br>Corporation |                    |
| Measure Design Logo   | Hong Kong                                                                                                                                                                                            | Granted<br>12/18/2006     | 300656569              | Dialogic<br>Corporation |                    |
| Measure Design Logo   | India                                                                                                                                                                                                | Filed<br>6/21/2006        | 1463753                | Dialogic<br>Corporation |                    |
| Measure Design Logo   | Israel                                                                                                                                                                                               | Filed<br>6/11/2006        | 190822                 | Dialogic<br>Corporation |                    |
| Measure Design Logo   | Mexico                                                                                                                                                                                               | Granted<br>9/25/2006      | 954785                 | Dialogic<br>Corporation |                    |
| Measure Design Logo   | New Zealand                                                                                                                                                                                          | Granted<br>12/14/2006     | 749294                 | Dialogic<br>Corporation |                    |

| Mark                                     | Country                                                         | Filing Date/<br>Reg. Date | Appl. No./ Reg.<br>No. | Owner                   | Security Interests |
|------------------------------------------|-----------------------------------------------------------------|---------------------------|------------------------|-------------------------|--------------------|
| Measure Design Logo                      | South Africa                                                    | Filed<br>6/12/2006        | 200612957              | Dialogic<br>Corporation |                    |
| Measure Design Logo                      | Taiwan                                                          | Granted<br>3/16/2007      | 1254307                | Dialogic<br>Corporation |                    |
| Measure Design Logo                      | Thailand                                                        | Filed<br>6/15/2006        | 628904                 | Dialogic<br>Corporation |                    |
| Measure Design Logo                      | US                                                              | Granted<br>4/10/2007      | 3,227,684              | Dialogic<br>Corporation |                    |
| EXNET                                    | US                                                              | Registered<br>11/14/2000  | 2,403,086              | Dialogic<br>Corporation |                    |
| EXNET CONNECT                            | US                                                              | Registered<br>11/27/2001  | 2,512,936              | Dialogic<br>Corporation |                    |
| EXS                                      | US                                                              | Registered<br>12/15/1998  | 2,210,286              | Dialogic<br>Corporation |                    |
| SWITCHKIT                                | US                                                              | Registered<br>11/21/2000  | 2,407,385              | Dialogic<br>Corporation |                    |
| N20                                      | US                                                              | Granted<br>7/29/2033      | 2,743,647              | Dialogic<br>Corporation |                    |
| POWERING THE<br>SERVICE READY<br>NETWORK | Community<br>Trademarks                                         | Granted<br>2/14/03        | 2,472,439              | Dialogic<br>Corporation |                    |
| POWERING THE<br>SERVICE-READY<br>NETWORK | US                                                              | Granted<br>5/20/2003      | 2,717,977              | Dialogic<br>Corporation |                    |
| SNOWSHORE                                | International<br>Register<br><br>(Countries:<br>China<br>Japan) | Granted<br>1/27/2005      | IR839460               | Dialogic<br>Corporation |                    |
| SNOWSHORE                                | US                                                              | Granted<br>9/16/2003      | 2,765,000              | Dialogic<br>Corporation |                    |
| SNOWSHORE<br>NETWORKS                    | US                                                              | Granted<br>12/17/2002     | 2,664,421              | Dialogic<br>Corporation |                    |
| SNOWSHORE<br>NETWORKS                    | Community<br>Trademarks                                         | Granted<br>1/22/03        | 2,472,850              | Dialogic<br>Corporation |                    |



| Mark                                | Country | Filing Date/<br>Reg. Date | Appl. No./ Reg.<br>No. | Owner                   | Security Interests |
|-------------------------------------|---------|---------------------------|------------------------|-------------------------|--------------------|
| SNOWSHORE<br>NETWORKS and<br>Design | US      | Granted<br>6/3/2003       | 2,722,239              | Dialogic<br>Corporation |                    |