

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4123320

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	FIRST SUPPLEMENT TO INTELLECTUAL PROPERTY SECURITY AGREEMENT
CONVEYING PARTY DATA	
Name	Execution Date
DIALOGIC (US) INC.	10/31/2016
DIALOGIC INC.	10/31/2016
DIALOGIC US HOLDINGS INC.	10/31/2016
DIALOGIC DISTRIBUTION LIMITED	10/31/2016
DIALOGIC MANUFACTURING LIMITED	10/31/2016
DIALOGIC CORPORATION	10/31/2016
DIALOGIC GROUP INC.	10/31/2016
RECEIVING PARTY DATA	
Name:	SILICON VALLEY BANK
Street Address:	275 GROVE STREET
Internal Address:	SUITE 2-200
City:	NEWTON
State/Country:	MASSACHUSETTS
Postal Code:	02466
PROPERTY NUMBERS Total: 16	
Property Type	Number
Patent Number:	7499863
Patent Number:	9137898
Patent Number:	9213710
Patent Number:	9094685
Patent Number:	9210381
Patent Number:	9213676
Patent Number:	9270528
Patent Number:	9342669
Patent Number:	9354864
Patent Number:	9386501
Application Number:	14790092
Application Number:	14922320
Application Number:	14971096

PATENT

Property Type	Number
Application Number:	15190351
Application Number:	14696620
Application Number:	15002534

CORRESPONDENCE DATA

Fax Number: (800)494-7512

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.

Phone: 800-494-5225

Email: ipteam@nationalcorp.com

Correspondent Name: STEWART WALSH

Address Line 1: 1025 VERMONT AVE NW, SUITE 1130

Address Line 2: NATIONAL CORPORATE RESEARCH, LTD

Address Line 4: WASHINGTON, D.C. 20005

ATTORNEY DOCKET NUMBER:	F166319
NAME OF SUBMITTER:	ANDREW NASH
SIGNATURE:	/Andrew Nash/
DATE SIGNED:	11/01/2016

Total Attachments: 6

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FIRST SUPPLEMENT TO INTELLECTUAL PROPERTY SECURITY AGREEMENT

This First Supplement to Intellectual Property Security Agreement (this “**Supplement**”) is made as of October 31, 2016 by and between (i) **SILICON VALLEY BANK**, a California corporation, with a loan production office located at 275 Grove Street, Suite 2-200, Newton, Massachusetts 02466 (“**Bank**”) and (ii) (a) **DIALOGIC (US) INC.**, a Delaware corporation (“**Dialogic US**”), (b) **DIALOGIC INC.**, a Delaware corporation (“**Dialogic**”), (c) **DIALOGIC US HOLDINGS INC.**, a Delaware corporation (“**Holdings**”), (d) **DIALOGIC DISTRIBUTION LIMITED**, a company incorporated and existing under the laws of Ireland with registered number 201976 and whose registered address is Riverside One, Sir John Rogerson’s Quay, Dublin 2 (“**Dialogic Distribution**”), (e) **DIALOGIC MANUFACTURING LIMITED**, a company incorporated and existing under the laws of Ireland with registered number 182638 and whose registered address is Riverside One, Sir John Rogerson’s Quay, Dublin 2 (“**Dialogic Manufacturing**”), (f) **DIALOGIC CORPORATION**, a corporation continued under the laws of the Province of British Columbia (“**Dialogic Canada**”), and (g) **DIALOGIC GROUP INC.**, a Canadian federal corporation (“**Dialogic Group**”; Dialogic US, Dialogic, Holdings, Dialogic Distribution, Dialogic Manufacturing, Dialogic Canada and Dialogic Group are referred to herein, each and together, jointly and severally, as “**Grantor**”), with offices located at c/o Dialogic (US) Inc., 4 Gatehall Drive, Parsippany, New Jersey 07054.

WHEREAS, the Grantor executed and delivered an Intellectual Property Security Agreement dated June 29, 2015 (as amended of record from time to time hereinafter, the “**Agreement**”) in favor of the Bank, pursuant to which the Grantor pledged, assigned and granted a security interest in certain Intellectual Property Collateral (as defined therein); and

WHEREAS, the Grantor developed additional Patents and/or Patent Applications and desire to hereby confirm the pledge of, and the grant of a security interest in, such additional Patents and/or Patent Applications in favor of Bank;

WHEREAS, the Grantor developed additional Trademarks and/or Trademark Applications and desire to hereby confirm the pledge of, and the grant of a security interest in, such additional Trademarks and/or Trademark Applications in favor of Bank; and

NOW, THEREFORE, in consideration of the mutual covenants herein contained and benefits to be derived herefrom, it is hereby agreed as follows:

1. Definitions. All capitalized terms herein and not otherwise defined shall have the same meaning herein as in the Grant.
2. Supplement to Exhibit B and Exhibit C. Exhibit B and Exhibit C to the Grant are hereby supplemented, but not replaced, by Exhibit B-1 and Exhibit C-1 annexed hereto.
3. Miscellaneous:
 - a. Except as provided herein, all terms and conditions of the Grant remain in full force and effect. The Grantor hereby ratifies, confirms and reaffirms all of the representations, warranties and covenants contained therein.

- b. This Supplement covers the entire understanding of the parties with respect to the matters set forth herein and supersedes all prior discussions and negotiations hereon.

[signature pages follow]

IN WITNESS WHEREOF, the undersigned has executed this Supplement as of the date first written above.

GRANTORS:

DIALOGIC, INC.

By: Stamblay
Name: Stephane Tremblay
Title: Director

DIALOGIC (US), INC.

By: G.M.
Name: Gary Morrison
Title: Director

DIALOGIC US HOLDINGS INC.

By: G.M.
Name: Gary Morrison
Title: Director

DIALOGIC GROUP, INC.

By: Stamblay
Name: Stephane Tremblay
Title: Director

DIALOGIC CORPORATION

By: Stephen Becker
Name: Stephen Becker
Title: Director

DIALOGIC DISTRIBUTION LIMITED

By: G.M.
Name: Gary Morrison
Title: Director

DIALOGIC MANUFACTURING LIMITED

By: G.M.
Name: Gary Morrison
Title: Director

EXHIBIT B-1

PATENT AND PATENT APPLICATIONS

Patents owned by **Dialogic Inc.** are denoted with a single asterisk (“*”) next to or below the application/patent number. Patents not denoted with any asterisk next to or below the application/patent number are owned by **Dialogic Corporation**.

Issued U.S. Patents (with applicable U.S. related applications and foreign counterparts)

Number	Country or Region	Filing Date (plus patented date, if applicable)	Title	Status
7,499,863	USA	08MAY2002 Patented: 03MAR2009	System And Method For Constructing Phrases For A Media Server	Issued
9,137,898	USA	23SEP2011 Patented: 15SEP2015	Method of Manufacturing a Printed Circuit Board Including a Component Located in a Via	Issued
9,213,710*	USA	30JUN2014 Patented: 15DEC2015	Systems And Methods Of Storing And Managing Configuration Data In Telecommunications Systems And Devices	Issued
9,094,685	USA	21SEP2010 Patented: 28JULY2015	Efficient Coding Complexity Estimation for Video Transcoding Systems	Issued
9,210,381	USA	13JUN2014 Patented: 08DEC2015	Resource-Adaptive Video Encoder Sharing In Multipoint Control Unit	Issued
9,213,676*	USA	02FEB2012 Patented: 15DEC2015	Hardware Device Name Resolution For Deterministic Configuration In A Network Appliance	Issued
9,270,528*	USA	02FEB2012 Patented: 23FEB2016	Systems And Methods Of Provisioning Data Storage And Runtime Configuration In Telecommunications Systems And Devices	Issued
9,342,669*	USA	10JUL2014 Patented: 17MAY2016	Systems And Methods Of Licensing And Identification Of Virtual Network Appliances	Issued
9,354,864	USA	08MAY2008 Patented: 31MAY2016	Package Header System and Method to Facilitate Streaming a Single Firmware File Upgrade	Issued
9,386,501	USA	26OCT2012 Patented:	Systems and Methods for Implementing Customized Routing	Issued

		05JUL2016	in a Modularized Processing Environment	

Pending U.S. Patent Applications (plus applicable Issued/pending foreign counterparts) and
Pending Foreign Patent Applications

Number	Country or Region	Filing Date (plus patented date, if applicable)	Title	Status
14/790,092	USA	02JUL2015	Robust Packet Loss Handling in Recording Real-Time Video	Pending
14/922,320	USA	26OCT2015	Resource-Adaptive Video Encoder Sharing in Multipoint Control Unit	Pending
14/971,096	USA	16DEC2015	Estimation of Video Quality of Experience on Media Servers	Pending
15/190,351	USA	27JUN2016	Efficient Recording of Transaction Video	Pending
14/696,620	USA	27APR2015	Systems and Method for Implementing a Dynamic Media Link	Pending
15/002,534	USA	21JAN2016	Systems And Methods Of Provisioning Data Storage And Runtime Configuration In Telecommunications Systems And Devices	Pending

EXHIBIT C-1

U.S. TRADEMARK AND TRADEMARK APPLICATIONS

OWNER	TRADEMARK	REGISTRATION NUMBER
Dialogic Corporation	POWERMEDIA	4,987,643
Dialogic (US) Inc.	OMNILITE	4,766,259
Dialogic (US) Inc.	OMNINET	4,766,263
Dialogic (US) Inc.	OMNIFLOW	4,770,783
Dialogic (US) Inc.	OMNISCRIP	4,766,264
Dialogic (US) Inc.	OMNISIP	3,596,249
Dialogic (US) Inc.	OMNIVIEW	4,766,258
Dialogic (US) Inc.	OMNIVOX	4,766,262
Dialogic (US) Inc.	OMNIVOX3D	4,766,260

Applications:

OWNER	TRADEMARK	APPLICATION NUMBER
Dialogic Corporation	POWERVILLE	86/898,524

NON-U.S. TRADEMARKS

Registrations:

OWNER	REGISTRATION NUMBER	COUNTRY/ JURISDICTION	TRADEMARK
Dialogic Inc.	TMA663475	Canada	VERAZ