

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM320957

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	SECURITY INTEREST		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
SHORETEL, INC.		10/22/2014	CORPORATION: DELAWARE
RECEIVING PARTY DATA			
Name:	SILICON VALLEY BANK		
Street Address:	555 Mission Street		
Internal Address:	Suite 900		
City:	San Francisco		
State/Country:	CALIFORNIA		
Postal Code:	94105		
Entity Type:	CORPORATION: CALIFORNIA		
PROPERTY NUMBERS Total: 10			
Property Type	Number	Word Mark	
Registration Number:	4478822	SHORETEL SKY	
Registration Number:	4478824		
Registration Number:	4478711	SHORETEL SKY	
Registration Number:	4214282	BRILLIANTLY SIMPLE	
Registration Number:	3886785	ROAMANYWHERE	
Registration Number:	3886786	AGITO NETWORKS	
Registration Number:	3521643	SHOREPHONE	
Registration Number:	3272772	SHORETEL	
Registration Number:	3230491	SHORETEL	
Serial Number:	86138946	M5	
CORRESPONDENCE DATA			
Fax Number:	4152687522		
<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>			
Phone:	415-268-7000		
Email:	ksamia@mofo.com		
Correspondent Name:	Lynn M. Humphreys		
Address Line 1:	425 Market Street		
Address Line 2:	Morrison & Foerster LLP		
Address Line 4:	San Francisco, CALIFORNIA 94105		
		TRADEMARK	

CH \$265.00 4478822

ATTORNEY DOCKET NUMBER:	27292-27-002
NAME OF SUBMITTER:	Lynn M. Humphreys
SIGNATURE:	/LMH/
DATE SIGNED:	10/23/2014

Total Attachments: 20

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PATENT AND TRADEMARK SECURITY AGREEMENT

THIS PATENT AND TRADEMARK SECURITY AGREEMENT (this "Agreement"), dated as of October 22, 2014, is made between SHORETEL, INC., a Delaware corporation (the "Grantor"), and SILICON VALLEY BANK (the "Lender").

The Grantor and the Lender are parties to an Amended and Restated Credit Agreement dated as of October 22, 2014 (as amended, modified, renewed or extended from time to time, the "Credit Agreement"). It is a condition precedent to the borrowings and the issuance of letters of credit under the Credit Agreement that the Grantor enter into this Agreement and grant to the Lender the security interests hereinafter provided to secure the obligations of the Grantor described below.

Accordingly, the parties hereto agree as follows:

SECTION 1 Definitions; Interpretation.

(a) Terms Defined in Credit Agreement. All capitalized terms used in this Agreement and not otherwise defined herein shall have the meanings assigned to them in the Credit Agreement.

(b) Certain Defined Terms. As used in this Agreement, the following terms shall have the following meanings:

"Collateral" has the meaning set forth in Section 2.

"Credit Agreement" has the meaning set forth in the recitals hereto.

"Grantor Security Agreement" means the Amended and Restated Guarantee and Collateral Agreement, dated as of October 22, 2014 between the Grantor and the Lender.

"PTO" means the United States Patent and Trademark Office.

"Secured Obligations" has the meaning set forth in the Grantor Security Agreement.

"UCC" means the Uniform Commercial Code as the same may, from time to time, be in effect in the State of California.

(c) Terms Defined in UCC. Where applicable and except as otherwise defined herein, terms used in this Agreement shall have the meanings assigned to them in the UCC; provided, however, that to the extent that the UCC is used to define any term herein and such term is defined differently in different Divisions of the UCC, the definition of such term contained in Division 9 shall govern.

(d) Interpretation. The rules of interpretation set forth in Section 1.2 of the Credit Agreement shall be applicable to this Agreement and are incorporated herein by this reference.

SECTION 2 Security Interest.

(a) Grant of Security Interest. As security for the payment and performance of the Secured Obligations, the Grantor hereby grants, assigns, and conveys to Lender a security interest in all of the Grantor's right, title and interest in, to and under the following property, in each case whether now or hereafter existing or arising or in which the Grantor now has or hereafter owns, acquires or develops an interest and wherever located (collectively, the "Collateral"):

(i) all Patents and Patent applications, domestic or foreign, all licenses relating to any of the foregoing and all income and royalties with respect to any licenses (including, without limitation, such Patents and Patent applications as described in Schedule A), all rights to sue for past, present or future infringement thereof, all rights arising therefrom and pertaining thereto and all reissues, divisions, continuations, renewals, extensions and continuations-in-part thereof;

(ii) all state (including common law), federal and foreign Trademarks, service marks and trade names, and applications for registration of such Trademarks, service marks and trade names, all licenses relating to any of the foregoing and all income and royalties with respect to any licenses (including, without limitation, such marks, names and applications as described in Schedule B), whether registered or unregistered and wherever registered, all rights to sue for past, present or future infringement or unconsented use thereof, all rights arising therefrom and pertaining thereto and all reissues, extensions and renewals thereof;

(iii) the entire goodwill of or associated with the businesses now or hereafter conducted by the Grantor connected with and symbolized by any of the aforementioned properties and assets;

(iv) all commercial tort claims associated with or arising out of any of the aforementioned properties and assets;

(v) all accounts, all intangible intellectual or other similar property and other general intangibles associated with or arising out of any of the aforementioned properties and assets and not otherwise described above, including all license payments and payments under insurance (whether or not the Lender is the loss payee thereof) or any indemnity, warranty or guaranty payable by reason of loss or damage to or otherwise with respect to the foregoing Collateral; and

(vi) all products, proceeds and supporting obligations of or with respect to any and all of the foregoing Collateral.

(b) Continuing Security Interest. The Grantor agrees that this Agreement shall create a continuing security interest in the Collateral which shall remain in effect until terminated in accordance with Section 20.

SECTION 3 Supplement to Grantor Security Agreement. The terms and provisions of this Agreement are intended as a supplement to the terms and provisions of the Grantor Security Agreement. The Grantor acknowledges that the rights and remedies of the

Lender with respect to the security interest in the Collateral granted hereby are more fully set forth in the Grantor Security Agreement and the other Loan Documents and all such rights and remedies are cumulative.

SECTION 4 Representations and Warranties. The Grantor represents and warrants to the Lender that:

(a) Patents. A true and correct list of all of the existing Collateral consisting of U.S. Patents and Patent applications and/or registrations owned by the Grantor, in whole or in part, is set forth in Schedule A.

(b) Trademarks. A true and correct list of all of the existing Collateral consisting of U.S. Trademarks, Trademark registrations and/or applications owned by the Grantor, in whole or in part, is set forth in Schedule B.

SECTION 5 Further Acts. On a continuing basis, the Grantor shall make, execute, acknowledge and deliver, and file and record in the proper filing and recording places, all such instruments and documents, and take all such action as may be necessary or advisable or may be reasonably requested by the Lender to carry out the intent and purposes of this Agreement, or for assuring, confirming or protecting the grant or perfection of the security interest granted or purported to be granted hereby, to ensure the Grantor's compliance with this Agreement or to enable the Lender to exercise and enforce its rights and remedies hereunder with respect to the Collateral, including any documents for filing with the PTO and/or any applicable state office that may reasonably be requested by the Lender. The Lender may record this Agreement, an abstract hereof, or any other document describing the Lender's interest in the Collateral with the PTO, at the expense of the Grantor.

SECTION 6 Future Rights. Except as otherwise expressly agreed to in writing by the Lender, if and when the Grantor shall obtain ownership rights to any new Patents or any new Trademarks, or become entitled to the benefit of any of the foregoing, or obtain rights or benefits with respect to any reissue, division, continuation, renewal, extension or continuation-in-part of any Patents or Trademarks, or any improvement of any Patent, the provisions of Section 2 shall automatically apply thereto and the Grantor shall give to the Lender notice thereof in accordance with Section 6.2(b) of the Credit Agreement. The Grantor shall do all things reasonably deemed necessary or advisable by the Lender to ensure the validity, perfection, priority and enforceability of the security interests of the Lender in such future acquired Collateral. The Grantor hereby authorizes the Lender to modify, amend, or supplement the Schedules hereto and to re-execute this Agreement from time to time on the Grantor's behalf and as its attorney-in-fact to include any such future Collateral and to cause such re-executed Agreement or such modified, amended or supplemented Schedules to be filed with the PTO.

SECTION 7 Lender Appointed Attorney-in-Fact. The Lender shall have the right to, in the name of the Grantor, or in the name of the Lender or otherwise, without notice to or assent by the Grantor, and the Grantor hereby constitutes and appoints the Lender (and any of the Lender's officers or employees or agents designated by the Lender) as the Grantor's true and lawful attorney-in-fact, with full power and authority, and hereby authorizes the Lender: (i) to sign and file in the name of the Grantor any financing statement (with or without Grantor's

signature) or other instrument and any modification, supplement or amendment to this Agreement (including any described in Section 6), and to sign the name of the Grantor on all or any of such documents or instruments and perform all other acts that the Lender deems necessary or advisable in order to perfect or continue perfected, maintain the priority or enforceability of or provide notice of the Lender's security interest in, the Collateral; and (ii) to execute any and all other documents and instruments, and to perform any and all acts and things for and on behalf of the Grantor, which the Lender may deem necessary or advisable to maintain, preserve and protect the Collateral and to accomplish the purposes of this Agreement, including after the occurrence and during the continuance of any Event of Default (A) to defend, settle, adjust or institute any action, suit or proceeding with respect to the Collateral, (B) to assert or retain any rights under any license agreement for any of the Collateral, including any rights of the Grantor arising under Section 365(n) of the Bankruptcy Code, and, (C) to execute any and all applications, documents, papers and instruments for the Lender to use the Collateral, to grant or issue any exclusive or non-exclusive license with respect to any Collateral, and to assign, convey or otherwise transfer title in or dispose of the Collateral; provided, however, that in no event shall the Lender have the unilateral power, unless an Event of Default has occurred and is continuing, to assign any of the Collateral to any Person, including itself, without the Grantor's written consent. The foregoing power of attorney is coupled with an interest and irrevocable so long as the Lender has any Commitments or the Secured Obligations have not been paid and performed in full. The Grantor hereby ratifies, to the extent permitted by law, all that the Lender shall lawfully and in good faith do or cause to be done by virtue of and in compliance with this Section 7.

SECTION 8 Lender Performance of Grantor Obligations. The Lender may perform or pay any obligation which the Grantor has agreed to perform or pay under or in connection with this Agreement, and the Grantor shall reimburse the Lender on demand for any amounts paid by the Lender pursuant to this Section 8.

SECTION 9 Lender's Duties. Notwithstanding any provision contained in this Agreement, the Lender shall have no duty to exercise any of the rights, privileges or powers afforded to it and shall not be responsible to the Grantor or any other Person for any failure to do so or delay in doing so. Except for and the accounting for moneys actually received by the Lender hereunder, the Lender shall have no duty or liability to exercise or preserve any rights, privileges or powers pertaining to the Collateral.

SECTION 10 Remedies. Upon the occurrence and during the continuance of any Event of Default, the Lender shall have, in addition to all other rights and remedies granted to it in this Agreement, the Credit Agreement or any other Loan Document, all rights and remedies of a secured party under the UCC and other applicable laws. Without limiting the generality of the foregoing, the Grantor agrees that the Lender shall at all times have such royalty free licenses, to the extent permitted by law, for any Collateral that is reasonably necessary to permit the exercise of any of the Lender's rights or remedies upon the occurrence and during the continuance of an Event of Default. In addition to and without limiting any of the foregoing, upon the occurrence and during the continuance of an Event of Default, the Lender shall have the right but shall in no way be obligated to bring suit, or to take such other action as the Lender deems necessary or advisable, in the name of the Grantor or the Lender, to enforce or protect any Collateral, and any license thereunder, in which event the Grantor shall, at the request of the

Lender, do any and all lawful acts and execute any and all documents required by the Lender in aid of such enforcement.

SECTION 11 Notices. All notices and other communications provided for hereunder shall, unless otherwise stated herein, be in writing and shall be delivered by hand or overnight courier service, mailed by certified or registered mail or sent by facsimile or by email at or to the address, email address or facsimile number of the respective party set forth below its name on the signature page hereof, or at or to such other address, email address or facsimile number as such party shall have designated in a written notice to the other party. Notices and other communications sent by hand or overnight courier service, or mailed by certified or registered mail, shall be deemed to have been given when received. Notices and other communications (A) sent by facsimile or by email shall be deemed to have been given when sent, and (B) posted to an internet or intranet website shall be deemed received upon the deemed receipt by the intended recipient, at its email address as described herein, of notification that such notice or communication is available and identifying the website address therefor; provided that, for both clauses (A) and (B) above, if a notice or other communication is not given during normal business hours for the recipient, it shall be deemed to have been given at the opening of business on the next business day for the recipient.

SECTION 12 No Waiver; Cumulative Remedies. No failure on the part of the Lender to exercise, and no delay in exercising, any right, remedy, power or privilege hereunder shall operate as a waiver thereof, nor shall any single or partial exercise of any such right, remedy, power or privilege preclude any other or further exercise thereof or the exercise of any other right, remedy, power or privilege. The rights and remedies under this Agreement are cumulative and not exclusive of any rights, remedies, powers and privileges that may otherwise be available to the Lender.

SECTION 13 Binding Effect. This Agreement shall be binding upon, inure to the benefit of and be enforceable by the Grantor, the Lender and their respective successors and assigns and shall bind any Person who becomes bound as a debtor to this Agreement.

SECTION 14 Governing Law. **THIS AGREEMENT AND ANY CLAIMS, CONTROVERSY, DISPUTE OR CAUSE OF ACTION (WHETHER IN CONTRACT OR TORT OR OTHERWISE) BASED UPON, ARISING OUT OF OR RELATING TO THIS AGREEMENT AND THE TRANSACTIONS CONTEMPLATED HEREBY SHALL BE GOVERNED BY, AND CONSTRUED IN ACCORDANCE WITH, THE LAW OF THE STATE OF CALIFORNIA EXCEPT AS REQUIRED BY MANDATORY PROVISIONS OF LAW AND TO THE EXTENT THE VALIDITY OR PERFECTION OF THE SECURITY INTERESTS HEREUNDER, OR THE REMEDIES HEREUNDER, IN RESPECT OF ANY COLLATERAL ARE GOVERNED BY THE LAW OF A JURISDICTION OTHER THAN CALIFORNIA (WITHOUT GIVING EFFECT TO THE CONFLICT OF LAWS PRINCIPLES THEREOF). THE PROVISIONS OF SECTION 10.14 OF THE CREDIT AGREEMENT REGARDING SUBMISSION TO JURISDICTION AND JURY TRIAL WAIVER SHALL BE APPLICABLE TO THIS AGREEMENT AND ARE HEREBY INCORPORATED HEREIN BY THIS REFERENCE, *MUTATIS MUTANDIS*, AS IF SUCH PROVISIONS WERE FULLY SET FORTH HEREIN.**

SECTION 15 Entire Agreement; Amendment. This Agreement contains the entire agreement of the parties with respect to the subject matter hereof and shall not be amended except by the written agreement of the parties as provided in the Credit Agreement.

SECTION 16 Severability. Whenever possible, each provision of this Agreement shall be interpreted in such manner as to be effective and valid under all applicable laws and regulations. If, however, any provision of this Agreement shall be prohibited by or invalid under any such law or regulation in any jurisdiction, it shall, as to such jurisdiction, be deemed modified to conform to the minimum requirements of such law or regulation, or, if for any reason it is not deemed so modified, it shall be ineffective and invalid only to the extent of such prohibition or invalidity without affecting the remaining provisions of this Agreement, or the validity or effectiveness of such provision in any other jurisdiction.

SECTION 17 Counterparts. This Agreement may be executed in any number of counterparts and by different parties hereto in separate counterparts, each of which when so executed shall be deemed to be an original and all of which taken together shall constitute but one and the same agreement. Delivery of an executed counterpart of a signature page of this Agreement by facsimile or in electronic (*i.e.*, “pdf” or “tif”) format shall be effective as delivery of a manually executed counterpart of this Agreement.

SECTION 18 Incorporation of Provisions of the Credit Agreement. To the extent the Credit Agreement contains provisions of general applicability to the Loan Documents, including any such provisions contained in Section 10 thereof, such provisions are incorporated herein by this reference.

SECTION 19 No Inconsistent Requirements. The Grantor acknowledges that this Agreement and the other Loan Documents may contain covenants and other terms and provisions variously stated regarding the same or similar matters, and agrees that all such covenants, terms and provisions are cumulative and all shall be performed and satisfied in accordance with their respective terms.

SECTION 20 Termination. Upon the Discharge of Obligations, the security interests contemplated by this Agreement shall terminate and the Lender shall promptly execute and deliver to the Grantor such documents and instruments reasonably requested by the Grantor as shall be necessary to evidence termination of all security interests given by the Grantor to the Lender hereunder, including cancellation of this Agreement by written notice from the Lender to the PTO.

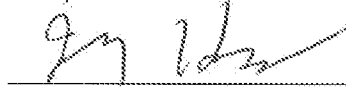
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IN WITNESS WHEREOF, the parties hereto have duly executed this Agreement,
as of the date first above written.

THE GRANTOR

SHORETEL, INC.

By



Name:

Michael Healy

Title:

Chief Financial Officer

Address:

ShoreTel, Inc.
960 Stewart Drive
Sunnyvale, CA 94085
Attention: Michael Healy, CFO
Telephone No.: (408) 331-3300
Facsimile No.: (408) 331-3300

THE LENDER

SILICON VALLEY BANK

By 

Name: STEPHEN CHANG

Title: VICE PRESIDENT

Address:

Silicon Valley Bank
555 Mission Street, Suite 900
San Francisco, CA 94105
Attention: Stephen Chang
Telephone No.: (415) 764-3163
Facsimile No.: (415) 615-0076

SCHEDULE A
to the Patent and Trademark Security Agreement

SHORETEL, INC.

Issued U.S. Patents of the Grantor

<u>Patent/Application No.</u>	<u>Issue/Application Date</u>	<u>Title</u>
6201814 08/764,799 6233319 09/001,204 6782358 20010008553 09/776,616 6263065 09/040,223	03/13/2001 05/15/2001 08/24/2004 07/17/2001	Telecommunications round-robin message delivery Method and system for delivering messages to both live recipients and recording systems Method and system for delivering messages to both live recipients and recording systems Method and apparatus for simulating central queue for distributing call in distributed arrangement of automatic call distributors Method and apparatus for simulating a central queue for distributing calls in a distributed
WO 1998/42118 PCT/US98/04872	03/16/1998	Method and apparatus for simulating a central queue for distributing calls in a distributed
6542475 09/370,766 6614902 09/434,914 6633544 09/339,361 6671262 09/475,143 6687360 20030108176 09/475,747 6708153 20030036906 10/189,156 7016848 20020099553 10/005,904 6937713 09/475,144 US8666053 US20120093038 13/278,923 7496190 11/133,030 8054963 20090154681 12/391,828	04/01/2003 09/02/2003 10/14/2003 12/30/2003 02/03/2004 03/16/2004 03/21/2006 08/30/2005 03/04/2014 02/24/2009 11/08/2011	Method and system for providing enhanced call service features at remote locations Call-center call routing Efficient precomputation of quality-of-service routes Conference server for automatic x-way call port expansion feature Personal ip follow-me service Voice site personality setting Voice site personality setting Ip call forward profile System with call forward profile System with call forward profile System with call forward profile

<u>Patent/Application No.</u>	<u>Issue/Application Date</u>	<u>Title</u>
6950507 10/026,080	09/27/2005	System for working at a remote office pbx
6996059 09/314,593	02/07/2006	Increasing duration of information in a packet to reduce processing requirements
7003091 10/370,915	02/21/2006	Resource allocation for simultaneous hunt group
7167486 20030165136	01/23/2007	Voice traffic through a firewall
09/766,027 7180889	02/20/2007	Personal control of address assignment & greeting options for multiple brg ports
09/475,206 7564839	Expired Patent 07/21/2009	Personal control of address assignment & greeting options for multiple brg ports
11/649,054 8514846	08/20/2013	Responding to ip call with a prompt to select an extension and routing packets to ip phone at selected extension
20090310600 12/481,250	03/27/2007	Telecommunication architecture
7197128 09/722,500	08/21/2007	Remote worker access on networked pbx systems using a voip platform
7260089 20060062204	08/23/2005	Remote worker access on networked pbx systems using a voip platform
10/947,050 WO 2006/036422	01/31/2012	System and method of routing telephone calls
PCT/US05/30599 8107462	11/06/2007	Method for traffic engineering of connectionless virtual private network services
20070258573 11/827,493	01/12/2010	Method for traffic engineering of connectionless virtual private network services
7292542 20040174884	06/14/2011	Method for traffic engineering of connectionless virtual private network services
10/382,258 7646734	03/11/2008	Voice over internet protocol (voip) telephone apparatus and communications systems for carrying voip traffic
20080031268 11/871,261	11/24/2004	Voice over internet protocol (voip) telephone apparatus and communication systems for carrying voip traffic
7961652 20100085876	10/05/2010	Voice over internet protocol (voip) telephone apparatus and communication system for carrying voip traffic
12/633,920 7342920	04/08/2008	Apparatus for locating a station initiating transmission of an emergency message in a network having multiple transmission sources
20050163166 10/766,534		
WO 2005/074462 PCT/US04/41341		
7808978 20080130633		
12/014,865 7356129		
09/376,876		

<u>Patent/Application No.</u>	<u>Issue/Application Date</u>	<u>Title</u>
7379540	05/27/2008	Server with backup capability for distributed ip telephony systems
10/671,269		
7386114	06/10/2008	Distributed session-based data
10/754,424		
US8107612	01/31/2012	Distributed session-based data
US20080205622		
12/116,796		
7417979	08/26/2008	Systems and methods for providing a home network conversion interface
20040136398		
10/339,883		
7864756	01/04/2011	Systems and methods for providing a network conversion interface
20080317063		
12/175,895		
7450574	11/11/2008	Ip telephony network using a configuration map for organizing sites in a tree-like hierarchy
10/424,491		
US7924823	10/08/2008	Ip telephony network using a configuration map for organizing sites in a tree-like hierarchy
US20090034435		
12/247,798		
7450703	11/11/2008	Acceptance of inputs from various interfaces to a telephony system
10/807,967		
US8284910	10/09/2012	Acceptance of inputs from various interfaces to a telephony system
US20090028315		
12/247,789		
7580405	08/25/2009	Method and system for routing emergency data communications
20050265326		
10/855,140		
8537821	09/17/2013	Methods, systems, and products for emergency communications
20090274145		
12/500,668		
7664495	02/16/2010	Voice call redirection for enterprise hosted dual mode service
11/295,179		
7778402	08/17/2010	Method and apparatus for routing incoming calls to active network endpoints
11/026,409		
7783013	08/24/2010	Method and system for routing emergency communications
20050243973		
10/836,741		
7793305	09/07/2010	Methods and systems for providing a communication manager for wireless wireline converged telecommunication services
20060206604		
11/178,942		
8059795	11/15/2011	Systems and methods for providing voicemail features in a voip system
20100020947		
12/181,255		
WO 2010/014495	07/23/2009	Systems and methods for providing voicemail features in a voip system
PCT/US09/51558		
7936745	05/03/2011	Multiple extension and line appearance for ip telephony
11/473,517		

<u>Patent/Application No.</u>	<u>Issue/Application Date</u>	<u>Title</u>
US8755495 13/072,611	06/17/2014	Multiple extension and line appearance for ip telephony
7940906 20070096947 11/479,602	05/10/2011	Phone-independent key expansion module
7991150 20070171098 11/707,426	08/02/2011	Phone-independent key expansion module
8553875 20110211496 13/107,645	10/08/2013	Phone-independent key expansion module
7941762 10/367,673	05/10/2011	Display of real time information for selected possibilities
US8762858 13/065,911	06/24/2014	Display of real time information for selected possibilities
7945036 10/409,703	05/17/2011	Provisioning a phone without involving an administrator
US8483374 13/077,914	07/09/2013	Provisioning an internet protocol (ip) phone
7990953 20100080213 12/242,332	08/02/2011	Systems and methods for utilizing a spare switch in a distributed voip system
WO 2010/039581 PCT/US09/58235	09/24/2009	Systems and methods for utilizing a spare switch in a distributed voip system
8140079 20080076430 11/778,831	03/20/2012	System and method to facilitate handover
US8406772 US2012149380 13/368,698	03/26/2013	Computer readable medium and method to facilitate handover
WO 2008/016778 PCT/US07/73698	07/17/2007	System and method to facilitate handover
8145215 20090170501 11/965,518	03/27/2012	Scanning for a wireless device
WO 2009/086128 PCT/US08/87716	12/19/2008	Scanning for a wireless device
8159935 12/395,155	04/17/2012	Failover system and method for ip telephony
8233381 12/342,558	07/31/2012	Voip telephone system with distributed account codes
8270346 20090262733 12/106,558	09/18/2012	Dynamic call anchoring
US8619681 US20120309389 13/585,407	12/31/2013	Dynamic call anchoring
WO 2009/131873 PCT/US09/40515	04/14/2009	Dynamic call anchoring

<u>Patent/Application No.</u>	<u>Issue/Application Date</u>	<u>Title</u>
8315366 20100020951 12/177,362	11/20/2012	Speaker identification and representation for a phone
WO 2010/011471 PCT/US09/49101 8331542	06/29/2009	Speaker identification and representation for a phone
20100266111 12/424,438 8611509	12/11/2012	Phone url exchange
13/165,692 8824327	12/17/2013	Phone url exchange for unified communications
13/333,506 8335209	09/02/2014	Phone url exchange for improved call quality
20090245232 12/054,854	12/18/2012	Group paging synchronization for voip system
WO 2009/086413 PCT/US08/88218 8335301	12/23/2008	Video on hold for voip system
20090168978 11/966,818 8358776	12/18/2012	Video on hold for voip system
13/076,773 8359354	01/22/2013	Telephone microphone
12/414,238 8493892	01/22/2013	Methods for providing a status to devices in a distributed system
12/975,679 8451714	07/23/2013	Resolving conflicts in distributed systems
20090238194 12/053,809	05/28/2013	Pstn bypass for ip media
WO 2011/082181 PCT/US10/62257 8483045	12/28/2010	User activated bypass for ip media
20100182921 12/651,330 8456507	07/09/2013	User activated bypass for ip media
12/751,597 8468121	06/04/2013	Individual participant control of conference data
13/248,682 8490020	06/18/2013	Resolving resource time intervals in a distributed system
20090217180 12/034,892	07/16/2013	Programmable Buttons for Telephone User Interface
8503640 10/932,614	08/06/2013	Extension monitoring in a distributed telephony system
8520541 20120044817	08/27/2013	Managing network bandwidth
12/860,778 WO 2012/024628 PCT/US11/48489	08/19/2011	Managing network bandwidth

<u>Patent/Application No.</u>	<u>Issue/Application Date</u>	<u>Title</u>
8699481 20120044931 12/860,784	04/15/2014	Via site for managing network bandwidth
8521137 20100048180 12/195,765	08/27/2013	System and method for voicemail service mobility
8547887 20090168676 11/967,451	10/01/2013	Wireless interface control to reduce power consumption
WO 2009/088634 PCT/US08/86352 8577011	12/11/2008	Wireless interface control to reduce power consumption
11/971,837	11/05/2013	Distributed call pickup group for voip system
8577018 13/051,057	11/05/2013	Systems and methods for providing agent queues
8582450 12/571,065	11/12/2013	Status reporting system
8593999 20090225747 12/145,841	11/26/2013	Bandwidth management and codec negotiation based on wan topology
WO 2009/111106 PCT/US09/31702 8634534	01/22/2009	Bandwidth management and codec negotiation based on wan topology
12/895,729	01/21/2014	Call recovery
8644836 20090247188 11/890,304	02/04/2014	Ip phone routing and call initiation based on location information
WO 2009/020523 PCT/US08/09014 8649819	07/25/2008	Ip phone routing and call initiation based on location information
20110281580 12/778,648	02/11/2014	Mobile phone integration with a private branch exchange in a distributed telephony system
WO 2011/142884 PCT/US11/28564	03/15/2011	Mobile phone integration with a private branch exchange in a distributed telephony system
8660038 11/589,666	02/25/2014	Previewing voicemails using mobile devices
8670544 20060233340 11/110,293	03/11/2014	Directory features in a distributed telephony system
8674546 13/044,783	03/18/2014	Redundant power over ethernet
8730847 13/341,585	05/20/2014	Conferencing using a mobile device
8786669 13/437,779	07/22/2014	Providing conference information in a distributed conferencing system
8804577 12/571,054	08/12/2014	Distributed audio conferencing system

<u>Patent/Application No.</u>	<u>Issue/Application Date</u>	<u>Title</u>
WO 2010/039401 PCT/US09/56387	09/09/2009	Presence change alert
WO 2010/077431 PCT/US09/63213	11/04/2009	Distributed audio conferencing architecture with optimum resource utilization and seamless scalability
WO 2010/114661 PCT/US10/25925	03/02/2010	Telephony system with intelligent endpoints or intelligent switches to reduce dependency of endpoints on application server
WO 2011/041134 PCT/US10/49237	09/17/2010	Maintaining history information for a user across multiple types of end points
7817798 20100086124 12/246,996	10/19/2010	Compact beamforming microphone assembly
WO 2010/042326 PCT/US09/58234	09/24/2009	Compact beamforming microphone assembly
US8270597 US20110007891 12/877,713	09/08/2010	Microphone assembly
D662908 29/388,509	07/03/2012	Telephone
D662909 29/388,510	07/03/2012	Telephone
D686183 29/352,843	07/16/2013	Telephone

Pending U.S. Patent Applications of the Grantor

<u>Application No.</u>	<u>Application Date</u>	<u>Title</u>
60/041,077	03/18/1997	Simulating central fifo queue in a distributed queuing environment
60/090,490	06/24/1998	Efficient precomputation of quality-of-service routes
US20040049390 10/639,843	08/13/2003	Voice site personality setting
US20140126429 14/155,871	01/15/2014	System with call forward profile
US20130308498 13/944,600	07/17/2013 Pending	Responding to a call with a prompt and routing the call to a phone selected in response to the prompt
WO/2002/033984 PCT/CA2001/001474 13/014,536	10/16/2001 01/26/2011 Pending	Telecommunication architecture IP telephony network using a configuration map for organizing sites in a tree-like hierarchy
14/455,704	08/08/2014 Pending	IP telephony network using a configuration map for organizing sites
60/674,156	04/21/2005	Voice call redirection for enterprise hosted dual mode service
US20100105379 12/649,117	12/29/2009 Pending	Communication redirection for enterprise hosted dual mode service
US20060115057 11/321,094	12/29/2005 Abandoned	Method and system for control of a voice/data communications device using a radio frequency component
60/661,363	03/14/2005	Methods and systems for a communication manager for wireless wireline converged telecommunication services
US20100299408 12/847,329	07/30/2010 Abandoned	Methods and systems for providing a communication manager for wireless wireline converged telecommunication services related application
60/701,237	07/20/2005	IP-based device for providing additional keys to an existing phone
14/307,347	06/17/2014	Display of real time information for selected possibilities
60/820,896	07/31/2006	Mobile fingerprinting
61/144,020	01/12/2009	Failover system and method for ip telephony
13/418,301	03/12/2012	Failure system and method for ip telephony
13/672,675	11/08/2012 Pending	Speaker identification and representation for a phone
13/333,057	12/21/2011	
US20130294260 13/925,527	06/24/2013 Pending	Methods for providing a status to devices in a distributed system




<u>Application No.</u>	<u>Application Date</u>	<u>Title</u>
US20110096762	12/29/2010	Cloud voip system with bypass for ip media
12/980,847	Pending	
13/875,132	05/01/2013	Individual participant control of conference data
	Pending	
13/931,137	06/28/2013	Extension monitoring in a distributed telephony system
US20140198786	01/22/2014	Managing network bandwidth
14/161,067	Pending	
US20130337780	08/16/2013	Computer readable medium and system for voicemail service mobility
13/968,702	Pending	
14/066,688	10/29/2013	Status reporting system
	Pending	
61/034,309	03/06/2008	Bandwidth management and codec negotiation based on WAN topology
US20140056296	10/29/2013	Bandwidth Management and Codec Negotiation Based on WAN Topology
14/066,687	Pending	
14/174,960	02/07/2014	Controller and method of controlling multiple identities of a mobile device
US20140119529	01/02/2014	Directory Features in a Distributed Telephony System
14/146,703	Pending	
14/300,125	06/09/2014	Providing conference information in a distributed conferencing system
14/334,650	07/17/2014	Distributed audio conferencing system
US20100009674	07/10/2008	Client-controlled handover between radio technologies
12/171,037	Pending	
US20100083142	09/30/2008	Presence change alert
12/241,552	Allowed	
US20100165889	12/29/2008	Distributed audio conferencing architecture with optimum resource utilization and seamless scalability
12/345,077	Pending	
US20100246568	03/31/2009	Telephony system with intelligent endpoints or intelligent switches to reduce dependency of endpoints on application server
12/415,586	Pending	
US20110075828	09/30/2009	Maintaining history information for a user across multiple types of end points
12/570,270	Allowed	
US20130155882	12/20/2011	Bandwidth utilization monitoring for a communication system
13/331,412	Pending	
12/424,491	On file with Administrative Agent	On file with Administrative Agent
12/709,854	On file with Administrative Agent	On file with Administrative Agent
12/814,257	On file with Administrative Agent	On file with Administrative Agent
12/815,117	On file with Administrative Agent	On file with Administrative Agent
12/897,573	On file with Administrative Agent	On file with Administrative Agent
12/985,326	On file with Administrative Agent	On file with Administrative Agent
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13/172,764	On file with Administrative Agent	On file with Administrative Agent
13/184,490	On file with Administrative Agent	On file with Administrative Agent
13/477,731	On file with Administrative Agent	On file with Administrative Agent
13/536,576	On file with Administrative Agent	On file with Administrative Agent

<u>Application No.</u>	<u>Application Date</u>	<u>Title</u>
13/536,832	On file with Administrative Agent	On file with Administrative Agent
13/569,248	On file with Administrative Agent	On file with Administrative Agent
13/630,758	On file with Administrative Agent	On file with Administrative Agent
13/713,821	On file with Administrative Agent	On file with Administrative Agent
13/739,371	On file with Administrative Agent	On file with Administrative Agent
13/771,534	On file with Administrative Agent	On file with Administrative Agent
13/829,302	On file with Administrative Agent	On file with Administrative Agent
29/449,334	On file with Administrative Agent	On file with Administrative Agent
13/890,012	On file with Administrative Agent	On file with Administrative Agent
14/011,787	On file with Administrative Agent	On file with Administrative Agent
14/199,425	On file with Administrative Agent	On file with Administrative Agent
14/208,761	On file with Administrative Agent	On file with Administrative Agent
14/265,004	On file with Administrative Agent	On file with Administrative Agent
14/291,444	On file with Administrative Agent	On file with Administrative Agent
14/307,035	On file with Administrative Agent	On file with Administrative Agent
14/328,281	On file with Administrative Agent	On file with Administrative Agent

SCHEDULE B
to the Patent and Trademark Security Agreement

SHORETEL, INC.

U.S. Trademarks of the Grantor

<u>Registration No.</u>	<u>Registration Date</u>	<u>Status</u>	<u>Mark</u>
4478822	2/4/2014	Registered	 <i>Design Only</i>
4478824	2/4/2014	Registered	
4478711	2/4/2014	Registered	SHORETEL SKY
4214282	9/25/2012	Registered	BRILLIANTLY SIMPLE
3886785	12/7/2010	Registered	RoamAnywhere
3886786	12/7/2010	Registered	
3521643	10/21/2008	Registered	SHOREPHONE
3272772	7/31/2007	Registered	SHORETEL
3230491	4/17/2007	Registered	SHORETEL

Pending U.S. Trademark Applications of the Grantor

<u>Application No.</u>	<u>Filing Date</u>	<u>Status</u>	<u>Mark</u>
86138946	12/9/2013	Pending Intent to Use	M5