

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3171349

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MICHAEL S.W. TOVINO	12/28/2014
AMY S. PENDLETON	01/05/2015
RECEIVING PARTY DATA	
Name:	SHORETEL, INC.
Street Address:	960 STEWART DRIVE
City:	SUNNYVALE
State/Country:	CALIFORNIA
Postal Code:	94085
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14590418
CORRESPONDENCE DATA	
Fax Number:	(216)621-4072
<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:	216-621-2234
Email:	ljones@tarolli.com
Correspondent Name:	GARY J. PITZER
Address Line 1:	TAROLLI, SUNDHEIM, COVELL & TUMMINO LLP
Address Line 2:	1300 EAST NINTH STREET - SUITE 1700
Address Line 4:	CLEVELAND, OHIO 44114
ATTORNEY DOCKET NUMBER:	AN-023881 US PRI
NAME OF SUBMITTER:	GARY J. PITZER
SIGNATURE:	/Gary J. Pitzer/
DATE SIGNED:	01/06/2015
Total Attachments: 3	
source=AN023881USPRIASSIGNMENT#page1.tif	
source=AN023881USPRIASSIGNMENT#page2.tif	
source=AN023881USPRIASSIGNMENT#page3.tif	

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree to assign to SHORETEL, INC., a corporation organized and existing under the laws of the State of Delaware having an address at 960 Stewart Drive, Sunnyvale, CA 94085, in furtherance of my/our obligations to SHORETEL, INC., and do hereby assign and transfer to SHORETEL, INC., its successors and assigns, the entire right, title and interest, including the right of priority, in, to and under an application for Letters Patent of the United States entitled:

DISTRIBUTED AUTHENTICATION

Filing date: JANUARY 06, 2015 Application No. 14/590418

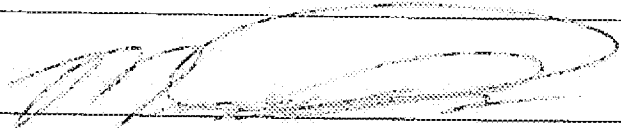
and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (C-I-P's), divisionals, and renewals of and substitutes for said application for said Letters Patent, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore,; and any reissues, or reexaminations, or extensions of said Letters Patent.

I/we additionally authorize SHORETEL, INC., to file applications in my/our name for Letters Patent in the United States of America and any country, to be held and enjoyed by SHORETEL, INC., its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, and transfer not been made;

AND I/we hereby covenant that I/we have full right to convey the entire interest herein assigned, and that I/we have not executed and will not execute any agreement in conflict herewith, and I/we further covenant and agree that I/we will, each time a request is made, and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said invention(s) or improvement(s), said application and said Letters Patent, to SHORETEL, INC., its successors, assigns, nominees or legal representatives, and I/we agree to communicate to SHORETEL, INC., or to its nominee, all known facts respecting said invention(s) or improvement(s), said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, C-I-P's, reissue and foreign applications, to make all rightful oaths and declarations, and generally to do everything possible to aid SHORETEL, INC., its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s) in any and all countries provided reasonable expenses which may be incurred by me/us in lending such cooperation and assistance are paid by SHORETEL, INC.;

AND I/we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue

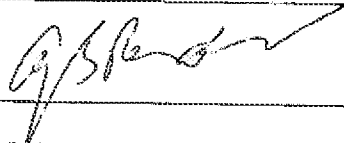
to SHORETEL, INC., as assignee of the entire right, title and interest, any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

TITLE	DISTRIBUTED AUTHENTICATION
SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	MICHAEL S.W. TOVINO
DATE	12/25/2014
RESIDENCE (CITY AND STATE)	BEWD, OR

TITLE	DISTRIBUTED AUTHENTICATION
SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	AMY S. PENDLETON
DATE	
RESIDENCE (CITY AND STATE)	AUSTIN, TX

to SHORETEL, INC., as assignee of the entire right, title and interest, any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

TITLE	DISTRIBUTED AUTHENTICATION
SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	MICHAEL S.W. TOVINO
DATE	
RESIDENCE (CITY AND STATE)	BEND, OR

TITLE	DISTRIBUTED AUTHENTICATION
SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	AMY S. PENDLETON
DATE	1/5/15
RESIDENCE (CITY AND STATE)	AUSTIN, TX