502342849 05/10/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------------|----------------|
| MICHAEL S.W. TOVINO | 05/07/2013 |

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: | 13890012 |

CORRESPONDENCE DATA

Fax Number: 2166214072

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

Phone: 216-621-2234

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Correspondent Name: Gary J. Pitzer

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Address Line 2: 1300 EAST NINTH STREET - Suite 1700

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| ATTORNEY DOCKET NUMBER: AN-022078 US ORD | |
|------------------------------------------|------------------|
| NAME OF SUBMITTER: | GARY J. PITZER |
| Signature: | /Gary J. Pitzer/ |
| Date: | 05/10/2013 |

Total Attachments: 3

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> PATENT REEL: 030391 FRAME: 0355

OP \$40.00 13890012

RECORDATION FORM COVER SHEET

| PATENT | AN-022078 US ORD |
|-----------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| To the Director of the U.S. Patent and Trademark Office: Pleas | e record the attached documents or the new address(es) below. |
| Name of conveying party(ies)/Execution Date(s): MICHAEL S.W. TOVINO | Name and address of receiving party(ies) Name: SHORETEL, INC. Internal Address: |
| Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No | |
| 3. Nature of conveyance: Execution Date(s) 05/07/2013 ☐ Merger | Street Address: 960 STEWART DRIVE |
| ☐ Security Agreement ☐ Change of Name ☐ Government Interest Assignment ☐ Executive Order 9424, Confirmatory License ☐ Other | City: SUNNYVALE State: CA Country: USA Zip: 94085 Additional name(s) & address(es) attached? ☐ Yes ☒ No |
| 4. Application or patent number(s): | t is being filed together with a new application. |
| A. Patent Application No.(s) | B. Patent No.(s) |
| 13/890,012 - FILED MAY 08, 2013 | |
| Additional number | l rs attached? □ Yes ☒ No |
| 5. Name and address to whom correspondence concerning document should be mailed: | 6. Total number of applications and patents involved: |
| Name: GARY J. PITZER | 7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00 |
| Internal Address: Tarolli, Sundheim, Covell & | |
| Tummino, L.L.P. | ☐ Authorized to be charged to deposit account |
| Street Address: 1300 East Ninth Street | ☐ Enclosed |
| Suite 1700 | ☐ None required (government interest not affecting title) |
| City: Cleveland State: Ohio Zip: 44114-2518 | 8. Payment Information |
| Phone Number: (216) 621-2234 | a. Credit Card Last 4 Numbers <u>1931</u> |
| Fax Number: (216) 621-4072 | Expiration Date <u>08/2015</u> |
| Email Address: gpitzer@tarolli.com | Charge any additional fees required by this paper or credit any overpayment to Deposit Account No. 20-0090 |
| | Authorized User Name Tarolli, Sundheim, Covell & Tummino L.L.P. |
| 9. Signature: /Gary J. Pitzer/ Signature | 10-May-2013 Date |
| GARY J. PITZER, Reg. No. 39,334 Name of Person Signing | Total number of pages including cover sheet, attachments, and documents: |

REEL: 030391 FRAME: 0356

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:

MANAGING PRESENCE STATE

| Filing date: | May 8, 2013 | Application No. 13/890,012 |
|--------------|-------------|----------------------------|
| | | |

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 caths 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

PATENT REEL: 030391 FRAME: 0357 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 | MANAGING PRESENCE STATE |
|-------------------------------|-------------------------|
| SIGNATURE OF INVENTOR | 772 |
| PRINTED NAME OF INVENTOR | MICHAEL S.W. TOVINO |
| DATE | 5/7/2013 |
| RESIDENCE (CITY AND STATE) | BEND, OR |

PATENT REEL: 030391 FRAME: 0358

RECORDED: 05/10/2013