

12-11-2006



103346499

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)/Execution Date(s):**

Abtin Keshavrzian, Lakshmi Venkatraman and Dhananjay Lal

Execution Date(s) Nov 28, Nov 28, Nov 29 2006

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

**3. Nature of conveyance:**

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

**2. Name and address of receiving party(ies)**

Name: Robert Bosch GmbH

Internal Address: \_\_\_\_\_

Street Address: Postfach 30 02 20

City: Stuttgart

State: \_\_\_\_\_

Country: Federal Republic of German Zip: D - 70442

Additional name(s) & address(es) attached? ☐ Yes ☒ No

**4. Application or patent number(s):**

☒ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: Gerard A. Messina

Internal Address: \_\_\_\_\_

KENYON & KENYON LLP

Street Address: ONE BROADWAY

City: NEW YORK

State: NEW YORK Zip: 10004

Phone Number: 212-425-7200

Fax Number: 212-425-5288

Email Address: \_\_\_\_\_

**6. Total number of applications and patents involved:**

01

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**

- ☐ Authorized to be charged by credit card  
☒ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers \_\_\_\_\_

Expiration Date \_\_\_\_\_

b. Deposit Account Number 11-0600

Authorized User Name \_\_\_\_\_

**9. Signature:**

Signature

Gerard A. Messina

(Reg. No. 35,952)

Name of Person Signing

Date

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

**ASSIGNMENT**

WHEREAS, WE,

**Abtin KESHAVARZIAN**  
**2257 Yale Street**  
**Palo Alto, CA 94306**  
**United States of America**

**Citizenship: Iran**

**Lakshmi VENKATRAMAN**  
**2255 Showers Drive, #323**  
**Mountain View, CA 94040**  
**United States of America**

**Citizenship: Republic of India**

**and,**

**Dhananjay LAL**  
**2645 California St., #207**  
**Mountain View, CA 94040**  
**United States of America**

**Citizenship: Republic of India**

have made inventions and discoveries in **SYSTEM, METHOD AND APPARATUS EMPLOYING TONE AND/OR TONE PATTERNS TO INDICATE THE MESSAGE TYPE IN WIRELESS SENSOR NETWORKS**, for which an application for Letters Patent is filed herewith; and

WHEREAS **ROBERT BOSCH GmbH**, having a place of business at **Postfach 30 02 20, 70442 Stuttgart, Federal Republic of Germany**, and who, together with its successors and assigns, is hereinafter called Assignee, is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited,

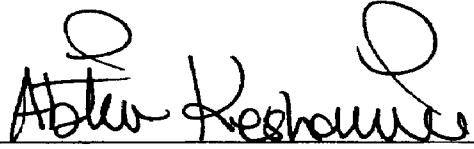
NOW, THEREFORE, for appropriate and proper consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservations:

1. Assign, transfer, and convey to Assignee the entire right, title, and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries, including all divisional, renewal, substitute, and continuation applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications, and said Letters Patent.
2. Authorize Assignee to file patent applications in any or all countries for any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under an International Convention or otherwise.
3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignees of the entire right, title, and interest therein or otherwise as Assignee may direct.
4. Warrant that we have not conveyed to others any right, title, or interest in said inventions, discoveries, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; that we have good right to assign the same to Assignee without encumbrance; and that we are aware of no claim to the contrary.
5. Bind our heirs, legal representatives, and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonably serving to assure that said inventions and discoveries, said patent applications, and said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts

known to us relating to said inventions and discoveries or the history thereof; to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in our control or in the control of our heirs, legal representatives, or assigns which may be useful for establishing the facts of our conception, disclosure, and reduction to practice of said inventions and discoveries; and to testify to the same in any interference, arbitration, or litigation.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this

28 day of November, 2006.

  
Abtin KESHAVARZIAN

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this

28 day of NOVEMBER, 2006.

V Lakshmi

**Lakshmi VENKATRAMAN**

Page 5 of 6

NY01 1276407 v1

Page 6 of 6

RECORDED: 11/30/2006

**PATENT**  
**REEL: 018670 FRAME: 0705**