Form PTO-1595 (Rev. 06-12) OMB No. 0651-0027 (exp. 04/30/2015) U.S. PTO 14/999523 05/18/2016 05/27/2016

103675235 RECORDATION FORM COVER SHEET PATENTS ONLY To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below. 2. Name and address of receiving party(ies) 1. Name of conveying party(ies) Name: Freescale Semiconductor, Inc. Chad Dawson Internal Address: Additional name(s) of conveying party(ies) attached? 🔲 Yes 🔳 No Street Address: 6501 William Cannon Drive West 3. Nature of conveyance/Execution Date(s): Execution Date(s) 17 May 2016 Assignment Merger City: Austin Security Agreement ☐ Change of Name Joint Research Agreement State: TX Government Interest Assignment ___Zip: 78735 Country: US Executive Order 9424, Confirmatory License Other Additional name(s) & address(es) attached? ___ Yes ___ No 4. Application or patent number(s): This document serves as an Oath/Declaration (37 CFR 1.63). A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached? Yes No 5. Name and address to whom correspondence 6. Total number of applications and patents concerning document should be mailed: involved: 1 Name: Freescale Semiconductor, Inc. 7. Total fee (37 CFR 1.21(h) & 3.41) \$-0-Internal Address: Authorized to be charged to deposit account Street Address: 6501 William Cannon Drive West **Enclosed** None required (government interest not affecting title) City: Austin 8. Payment Information State: Texas Zip: 78735 Phone Number: 480-413-4687 Deposit AS 39 PEN NARROWEN 1 504019 14999523 Docket Number: SA25486ZR-US01 Authorized புக்கி Name Chartenta R. Jacobsen Email Address: ip.department.us@nxp.com 9. Signature: /Charlene R. Jacobsen/ 17 May 2016 Signature Total number of pages including cover 2 Charlene R. Jacobsen Name of Person Signing sheet, attachments, and documents:

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

DATENT

PATENT REEL: 038851 FRAME: 0511

SOLE ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, I, as a below-named Assignor, hereby sell, assign, and transfer the entire and exclusive right, title, and interest in the following to FREESCALE SEMICONDUCTOR, INC., having a place of business at 6501 William Cannon Drive, Austin, TX 78735, USA, its successors, assigns, and legal representatives, including any nominees (collectively "the Assignee"):

(1) my invention relating to "STRESS ISOLATED DETECTOR ELEMENT AND MICROBOLOMETER DETECTOR INCORPORATING SAME" for which the following patent application(s) has/have been filed (I hereby authorize and request my/our attorneys associated with U.S. Patent & Trademark Office Customer Number 23125 to insert below the filing date and application number of the U.S. application when known):

Country Application No. Filing Date (mm/dd/yyyy) Claims Priority of
US

- (2) the foregoing application(s) and all other United States, foreign and international patent applications associated therewith, based thereon, or claiming priority there from including, but not limited to, any and all provisionals, non-provisionals, divisions, continuations, continuations-in-part, re-examinations, reissues, and extensions thereof, and
- (3) the right to claim priority thereto, and the entire and exclusive right, title, and interest in and to any and all patents granted on these applications.

I authorize and request that the Patent Office officials in the United States and in any and all foreign countries to issue any and all Letters Patent when granted, solely to FREESCALE SEMICONDUCTOR, INC., for its sole use, and that of its successors, assigns, and legal representatives.

I will provide my cooperation to enable the Assignee to enjoy the foregoing right, title, and interest to the fullest extent. Upon request at the expense of the Assignee, I agree to execute all papers, take all rightful oaths, testify in all legal proceedings including patent prosecutional actions and infringement actions, and do all other such acts which may be necessary, desirable, or convenient for securing and maintaining patents on the foregoing invention or for perfecting title thereto in the Assignee.

I certify that I have the full right to convey the above rights.

Chalina

Assignor

PATENT REEL: 038851 FRAME: 0512

RECORDED: 05/18/2016