

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | | | | | | | |
|--|--|---------------|--|---------------------|---|----------------------|------------------------|------------------|------------|----------------|--------------|--------------|------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Rana M. Bilal</td> <td>04/05/2013</td> </tr> <tr> <td>Muhammad F. Farooqui</td> <td>04/02/2013</td> </tr> <tr> <td>Hammad M. Cheema</td> <td>04/02/2013</td> </tr> <tr> <td>Atif Shamim</td> <td>04/03/2013</td> </tr> </tbody> </table> | | Name | Execution Date | Rana M. Bilal | 04/05/2013 | Muhammad F. Farooqui | 04/02/2013 | Hammad M. Cheema | 04/02/2013 | Atif Shamim | 04/03/2013 | | |
| Name | Execution Date | | | | | | | | | | | | |
| Rana M. Bilal | 04/05/2013 | | | | | | | | | | | | |
| Muhammad F. Farooqui | 04/02/2013 | | | | | | | | | | | | |
| Hammad M. Cheema | 04/02/2013 | | | | | | | | | | | | |
| Atif Shamim | 04/03/2013 | | | | | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | | | | | |
| <table border="1"> <tr> <td>Name:</td> <td>King Abdullah University of Science and Technology (KAUST)</td> </tr> <tr> <td>Street Address:</td> <td>4700 King Abdullah University of Science and Technology</td> </tr> <tr> <td>Internal Address:</td> <td>Building 16, Room 4518</td> </tr> <tr> <td>City:</td> <td>Thuwal</td> </tr> <tr> <td>State/Country:</td> <td>SAUDI ARABIA</td> </tr> <tr> <td>Postal Code:</td> <td>23955-6900</td> </tr> </table> | | Name: | King Abdullah University of Science and Technology (KAUST) | Street Address: | 4700 King Abdullah University of Science and Technology | Internal Address: | Building 16, Room 4518 | City: | Thuwal | State/Country: | SAUDI ARABIA | Postal Code: | 23955-6900 |
| Name: | King Abdullah University of Science and Technology (KAUST) | | | | | | | | | | | | |
| Street Address: | 4700 King Abdullah University of Science and Technology | | | | | | | | | | | | |
| Internal Address: | Building 16, Room 4518 | | | | | | | | | | | | |
| City: | Thuwal | | | | | | | | | | | | |
| State/Country: | SAUDI ARABIA | | | | | | | | | | | | |
| Postal Code: | 23955-6900 | | | | | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13799272</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 13799272 | | | | | | | | |
| Property Type | Number | | | | | | | | | | | | |
| Application Number: | 13799272 | | | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | | | |
| <p>Fax Number: 7709510933 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 7709339500 Email: amy.kwon@thomashorstemeyer.com Correspondent Name: Thomas Horstemeyer, LLP Address Line 1: 400 Interstate North Parkway SE Address Line 2: Suite 1500 Address Line 4: Atlanta, GEORGIA 30339</p> | | | | | | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | 821109-1130 | | | | | | | | | | | | |
| NAME OF SUBMITTER: | Todd Deveau | | | | | | | | | | | | |

OP \$40.00 13799272

| | |
|---|---------------|
| Signature: | /Todd Deveau/ |
| Date: | 04/23/2013 |
| Total Attachments: 6 source=01828970#page1.tif source=01828970#page2.tif source=01828970#page3.tif source=01828970#page4.tif source=01828970#page5.tif source=01828970#page6.tif | |

**ASSIGNMENT
OF UTILITY PATENT APPLICATION**

WHEREAS, we, Rana M. Bilal, Muhammad F. Farooqui, Hammad M. Cheema and Atif Shamim, hereinafter referred to as ASSIGNORS, has/have invented certain new and useful improvements ("invention(s)") as described and set forth in the below-identified utility application for United States Letters Patent entitled:

PRINTED TAG REAL-TIME TRACKING

which was:

☐ executed on even date herewith,
☒ filed with the United States Patent and Trademark Office (USPTO) on March 13, 2013, and assigned Serial No. 13/799,272, and
☐ further described in U.S. Provisional application entitled " _____ ", filed with the USPTO on _____, and assigned Serial No. _____.

WHEREAS, King Abdullah University of Science and Technology (KAUST), having a business at 4700 King Abdullah University of Science and Technology, Building 16, Room 4518, Thuwal, Kingdom of Saudi Arabia 23955-6900, hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNOR'S interest in said invention(s) and provisional application and in any and all U.S. and foreign patents which may be granted on the same.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by ASSIGNORS, ASSIGNORS have sold, assigned and transferred and does hereby sell, assign and transfer unto ASSIGNEE, and ASSIGNEE'S successors and assigns, (a) the entire right, title and interest, for the United States of America, in and to said invention(s), said utility application, and all the rights and privileges in any application and under any and all patents that may be granted in the U.S. for said invention(s), including all corresponding continuation, continuation-in-part, divisional, reissue, and reexamination applications.

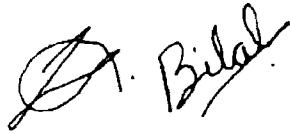
ASSIGNORS authorize ASSIGNEE to make application for such protection in its own name and maintain such protection in the U.S., and to invoke and claim for any application for patent or other form of protection for said Invention(s), without further authorization from ASSIGNORS, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

ASSIGNORS hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of ASSIGNEE to apply for patent or other form of protection for said Invention(s) and to claim the aforesaid benefit of the right of priority.

ASSIGNORS request that any and all patents for said invention(s) be issued to ASSIGNEE in the U.S., or to such nominee as ASSIGNEE may designate.

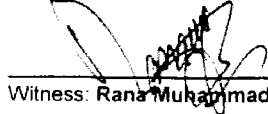
ASSIGNORS covenant and agree that, when requested, ASSIGNORS shall, without charge to ASSIGNEE but at ASSIGNEE'S expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable, or convenient in connection with the patent applications, patents, or other forms of protection of said invention(s), and for the defense and protection thereof if challenged in the court of law.

ASSIGNORS authorize ASSIGNEE or its agents to insert, on ASSIGNORS' behalf, the filing date and/or serial number above pertaining to the application, if not known as of the date of execution of this document.



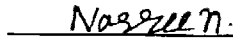
Rana M. Bilal

Date: 05 - APR - 2013



Witness: Rana Muhammad Afzal

Date: 05 - APR - 2013



Witness: Nasreen Afzal

Date: 05 - APR - 2013

M. Farooqui
Muhammad F. Farooqui

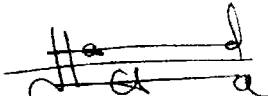
Date: APRIL 2, 2013

Lois DARNIAZ
Witness

Date: 2nd April 2013


Jose Gonzalez
Witness

Date: April 2, 2013



Hammad M. Cheema

Date: 02nd April 2013




Loïc PARNAT
Witness

Date: 02nd April 2013




Jose Gonzalez
Witness

Date: 02nd April 2013




Atif Shamim

Date: 03rd April 2013

Leic PARNAT 

Witness

Date: 3rd April 2013

Jose GONZALEZ 

Witness

Date: 3rd April 2013