

PATENT ASSIGNMENT

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| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Khalid A. Alsaif | 12/19/2012 |
| RECEIVING PARTY DATA | |
| Name: | King Abdulaziz City for Science and Technology |
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| State/Country: | SAUDI ARABIA |
| Postal Code: | 11442 |
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| Postal Code: | 11333 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 12954100 |
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| Total Attachments: 2 source=40051_Assignment#page1.tif source=40051_Assignment#page2.tif | |

CH \$40.00 12954100

ASSIGNMENT

Whereas, the undersigned Inventor(s) has/have made certain inventions, improvements, and discoveries (herein referred to as the "Invention") in:

Title of the Invention:

SMART ISOLATION BASE FOR SENSITIVE STRUCTURES SUCH AS NUCLEAR POWER PLANTS AGAINST EARTHQUAKE DISTURBANCES

and further identified by the KACST Docket Number provided above in the header of this Assignment, for which an application for a United States Patent was executed concurrently herewith or was filed having:

Serial Number: 12/954,100

Whereas, King Abdulaziz City for Science and Technology, having a place of business at P.O. Box 6086, Riyadh 11442, Saudi Arabia (herein referred to as "KACST"), and

King Saud University, having a place of business at P.O. Box 340406, Riyadh 11333, Saudi Arabia, (herein referred to as "KSU"),

desire to acquire, and each undersigned Inventor desire to grant to KACST and KSU, the entire worldwide right, title, and interest in and to the Invention and in and to any and all patent applications and patents directed thereto;


Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned Inventor ("ASSIGNOR") hereby sells, assigns, and otherwise transfers to KACST and KSU (the "ASSIGNEES"), their successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the Invention, the above-identified United States patent application, and any and all other patent applications and patents for the Invention which may be applied for or granted therefor in the United States and in all foreign countries and jurisdictions, including all divisions, continuations, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents. In addition, each undersigned Inventor hereby authorizes and requests the Director of the United States Patent and Trademark Office to issue any United States Patent, and foreign patent authorities to issue any foreign patent, granted for the Invention, to KACST and KSU, their successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the same to be held and enjoyed by KACST and KSU, their successors, legal representatives, and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made; and each undersigned Inventor agrees to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the Invention and all related patents and applications, in KACST and KSU, their successors, legal representatives, and assigns, whenever requested by KACST and KSU, their successors, legal representatives, or assigns.

Each undersigned Inventor acknowledges their prior and ongoing obligations to sell, assign, and transfer the rights under this Assignment to KACST and KSU and is unaware of any reason why they may not have the full and unencumbered right to sell, assign, and transfer the rights hereby sold, assigned, and transferred, and has not executed, and will not execute, any document or instrument in conflict herewith. Each undersigned Inventor also hereby grants KACST and KSU, their successors, legal representatives, and assigns, the right to insert in this Assignment any further identification (including, but not limited to,

patent application Serial Number) which may be necessary or desirable for recordation of this Assignment. This Assignment is governed by the substantive laws of Saudi Arabia.

[Inventor Signature Page(s) Follows]

Executed by Inventor 1

Signature:  Date: 19/12/2012
Khalid A. Alsaif