PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Seong-min HWANG	04/25/2013
Kiwoong KIM	04/25/2013
Jin Mok KIM	04/25/2013
Yong-Ho Lee	04/25/2013
Chan Seok KANG	04/25/2013
Kwon Kyu YU	04/25/2013
Seong-Joo LEE	04/25/2013

RECEIVING PARTY DATA

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State/Country:	KOREA, REPUBLIC OF
Postal Code:	305-340

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13909564

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ATTORNEY DOCKET NUMBER: 1778/22 PCT/US

REEL: 030567 FRAME: 0298

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NAME OF SUBMITTER:	Jeffrey L. Wilson
Signature:	/Jeffrey L. Wilson/
Date:	06/07/2013
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PATENT REEL: 030567 FRAME: 0299

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<u>ASSIGNMENT</u>

AND, WHEREAS, **KOREA RESEARCH INSTITUTE OF STANDARDS AND SCIENCE**, a corporation located at 1, Donryong-dong, Yuseong-gu, Daejeon 305-340, Republic of Korea (hereinafter "Assignee"), is desirous of acquiring an interest therein.

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignors have sold and by these presents do hereby sell, assign, transfer and convey unto the said Assignee, its successors and assigns, their entire right, title and interest in and to the said invention and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with their right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignors if this assignment and sale had not been made.

Assignors hereby request that said Letters Patent be issued in accordance with this assignment.

Assignors further covenant and agree that, at the time of the execution and delivery of these presents, Assignors possess full title to the invention and application above-mentioned, and that they have the unencumbered right and authority to make this assignment.

PATENT REEL: 030567 FRAME: 0300 Assignors further covenant and agree, and likewise bind their heirs, legal representatives and assigns, to promptly communicate to said Assignee or its representatives any facts known to them relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the Assignee, its representatives, successors and assigns to secure patent or similar protection for the said invention in all countries and to vest in the Assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said Assignee, its successors, assigns and other legal representatives.

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Attorney Docket No. 1778/22 PCT/US

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