

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
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Property Type	Number
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DATE SIGNED:	10/04/2016
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PATENT

Atty. Docket No.: 1884/7 PCT

ASSIGNMENT

WHEREAS, we, Yeohung Yun and Youngmi Koo of Greensboro, North Carolina (hereinafter "Assignors"), have invented certain new and useful improvements in PAPER-BASED MAGNESIUM BATTERY AND THE USE THEREOF (hereinafter "Invention") for which a U.S. Provisional Patent Application was filed on April 15, 2014 as U.S. Patent Application No. 61/979,834, a U.S. Provisional Patent Application was filed on September 5, 2014 as U.S. Patent Application No. 62/046,724, and an International Patent Application was filed on April 15, 2015 as PCT International Patent Application No. PCT/US2015/25961 (hereinafter "Applications").

AND, WHEREAS, North Carolina Agricultural and Technical State University, a non-profit organization located in Greensboro, North Carolina (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 Assignee, its successors and assigns, their entire right, title and interest in and to the Invention and Applications, and in and to any and all United States patent applications or foreign patent applications pertaining to said Invention and/or which claim priority to the PCT International Patent Application referenced above 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 the Application in all countries in accordance with the Paris Convention, the Patent Cooperation Treaty, or other agreement or national law under which priority can be claimed, 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 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 the Invention, to testify in any interference or legal proceedings involving the Applications or 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 Invention in all countries and to vest in the Assignee complete title to the Invention and Letters Patent, without further compensation, but at the expense of said Assignee, its successors, assigns and other legal representatives.

Executed this 21 day of July 2015.

Yeoheung Yun

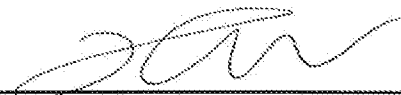
Witnessed by:

Bgo S. Cole 7/21/15
Name Date

[Signature] 7/21/2015
Name Date

Peri. R. Seban

Executed this 31st day of August 2015.



Youngmi Koo

Witnessed by:

Boyce E. Collins 8/31/15
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RUBEN KOTOKIA 8/31/15
Name Date
