PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
Yu Seung Kim	07/11/2011
Dae Sik Kim	07/11/2011

RECEIVING PARTY DATA

Name:	Los Alamos National Security, LLC
Street Address:	Los Alamos National Laboratory
Internal Address:	PO BOX 1663, LC/IP, MS A187
City:	Los Alamos
State/Country:	NEW MEXICO
Postal Code:	87545

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13186214

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	S-121,859
NAME OF SUBMITTER:	Samuel L. Borkowsky

Total Attachments: 2

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PATENT REEL: 026616 FRAME: 0015

ASSIGNMENT

DOE S-121,859

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

1. Yu Seung Kim 2. Dae Sik Kim

hereby sells, assigns and transfers to ASSIGNEE, Los Alamos National Security, LLC, a Delaware Corporation, having its statewide administrative offices located at Los Alamos National Laboratory, LC/IP, Los Alamos, New Mexico 87545, and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention titled:

ANION EXCHANGE POLYMER ELECTROLYTES

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(a)	\boxtimes	U.S. patent application executed on <u>July 11, 2011</u> , entitled as above and listing the above-named person(s) as inventor(s)
(b)	\boxtimes	U.S. application Serial No. 13/186,214 , filed on July 19,2011 .
(c)		U.S. Patent No, issued
(d)	\boxtimes	U.S. provisional application filed on <u>September 14, 2009</u> , entitled as above and listing the above-named person(s) as inventor(s)

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR(S) further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

PATENT REEL: 026616 FRAME: 0016 **AND** the ASSIGNOR(S) requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, Los Alamos National Security, LLC.

executed this

11 th day of July , 2011

11th day of July , 2011

Signature of Inventor(s)

Yu Seung Kim

Dae Sik Kim