



Applicants: Loutfy et al.

Docket No. (U.S.) 7000AB.1

U.S. Application No.: 12/460,451

Docket No. (PCT) 7000AB.1A

International Application No.: PCT/US2009/004167

U.S. and International Filing Dates: July 16, 2009

For: Ready-to-Sinter Spinel Nanomixture and Method for Preparing Same

### ASSIGNMENT

WHEREAS, I/we, the undersigned, RAOUF O. LOUTFY, JUAN L. SEPULVEDA and SEKYUNG CHANG, own rights to the invention entitled "Ready-to-Sinter Spinel Nanomixture and Method for Preparing Same", which invention is the subject of United States Patent Application No. 12/460,451, filed on July 16, 2009, and International Patent Application No. PCT/US2009/004167, filed in the United States Patent and Trademark Office on July 16, 2009, both of said patent applications claiming priority rights of United States Provisional Application No. 61/135,034, filed July 16, 2008; and

WHEREAS, MATERIALS AND ELECTROCHEMICAL RESEARCH (MER) CORPORATION, (hereinafter "Company" or "Assignee"), a corporation organized and existing under the laws of the state of Arizona, and having a principal place of business at 7960 S. Kolb Road, Tucson, Arizona 85756, is desirous of acquiring the undersigned's entire right, title and interest in and to said invention, said patent applications and said priority rights;

NOW, THEREFORE, for one dollar and other good and valuable considerations, the receipt of all of which is hereby acknowledged, the undersigned hereby sell, assign, and transfer unto said Company, its successors, assigns, and legal representatives, the undersigned's entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to the invention described in said patent applications, together with the undersigned's entire right, title and interest in and to said patent applications and said priority rights, and such Letters Patent that may issue thereon or patent applications that may claim priority thereto under United States law or international convention, including but not limited to non-provisionals, continuations, divisionals, designs, reissues, reexaminations, extensions, and substitutions of said patent applications, and any right, title and interest in provisional applications to which said patent applications claim priority and such Letters Patent that may issue thereon; said invention, patent applications and Letters Patent to be held and enjoyed by said Company for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by the undersigned had this assignment and sale not been made; the undersigned hereby convey all rights arising under or pursuant to any and all United States laws and international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent, including but not limited to any cause(s) of action and damages accruing prior to this assignment. The undersigned hereby acknowledge that this assignment carries with it the right in said Company to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by

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attorneys and agents of said Company's selection and the right to procure the grant of all Letters Patent to said Company in its own name as assignee of the entire right, title and interest therein;

AND, the undersigned hereby further agree to execute upon request any other lawful documents prepared by said Company that may be deemed necessary to secure fully the aforesaid invention to said Company, its successors, assigns, and legal representatives, but at its or their expense and charges, including the execution of non-provisional, continuation, design, divisional, reissue, reexamination, substitution, or corresponding foreign or international patent applications;

AND, the undersigned hereby further agree to provide statements or testimony in any interference or other proceeding in which said invention or any patent application or patent directed thereto may be involved;

AND, the undersigned hereby authorize and request the Director of the United States Patent and Trademark Office and the empowered officials of all other governments to issue such Letters Patent as shall be granted upon said applications, or applications based thereon, to said Company, its successors, assigns, or legal representatives.

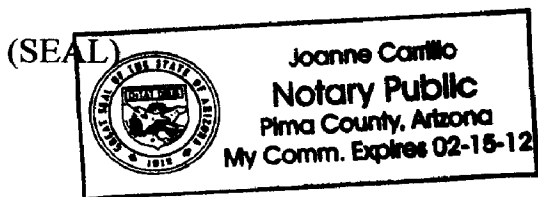
IN WITNESS WHEREOF, I have unto set my hand and seal on the date indicated by my signature.

Inventor Signature: Ruof O. O. O. O.

Date: 11/05/2009

STATE OF Ar )  
COUNTY OF Pima ) ss.

On the 5<sup>th</sup> day of November, 2009, before me personally came Ruof O. O. O. O. to me known to be the individual described in and who executed the foregoing instrument and acknowledged that he/she executed the same.



Joanne Carrillo  
NOTARY PUBLIC

My commission expires: 2-15-12

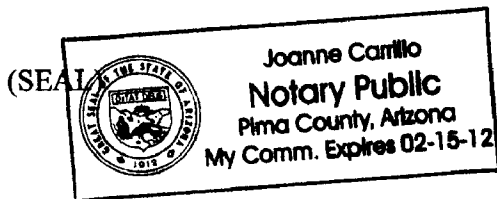
Inventor Signature: \_\_\_\_\_

Date: 11/05/2009

STATE OF AZ )

COUNTY OF Pima ) ss.

On the 5<sup>th</sup> day of November, 2009, before me personally came Suan L Sepveda to me known to be the individual described in and who executed the foregoing instrument, and acknowledged that he/she executed the same.



[Signature]  
NOTARY PUBLIC

My commission expires: 2-15-12

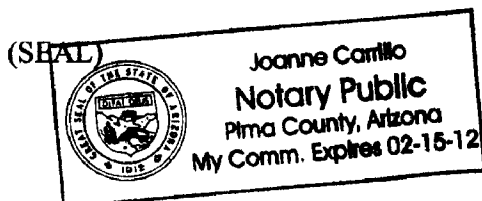
Inventor Signature: \_\_\_\_\_

Date: 11/05/2009

STATE OF AZ )

COUNTY OF Pima ) ss.

On the 5<sup>th</sup> day of November, 2009, before me personally came Sekyung Chang to me known to be the individual described in and who executed the foregoing instrument and acknowledged that he/she executed the same.



[Signature]  
NOTARY PUBLIC

My commission expires: 2-15-12

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FOR THE COMPANY:

Signature: Raouf O. Lutfy

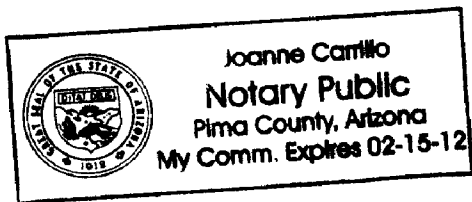
Position: President

Date: 11/05/2009

STATE OF AZ )

COUNTY OF Pima ) ss.

On the 5<sup>th</sup> day of November, 2009, before me personally came Raouf O Lutfy to me known to be the individual described in and who executed the foregoing instrument, and acknowledged that he/she executed the same.



Joanne Carrillo  
NOTARY PUBLIC

My commission expires: 02-15-12

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RECORDED: 11/09/2009

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