502485196 09/06/2013

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Raghavan Srinivasan	08/27/2013

RECEIVING PARTY DATA

Name:	Government of the United States, as represented by the Secretary of the Air Force
Street Address:	2240 B Street
Internal Address:	AFMCLO/JAZ
City:	Wright-Patterson AFB
State/Country:	оню
Postal Code:	45433-7109

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13470170

CORRESPONDENCE DATA

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Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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NAME OF SUBMITTER:	Fredric L. Sinder
Signature:	/Fred Sinder/
Date:	09/06/2013
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 1

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PATENT REEL: 031148 FRAME: 0637

ASSIGNMENT

WHEREAS I, Raghavan Srinivasan, while working at the Air Force Research Laboratory, Wright-Patterson Air Force Base, Ohio, under the Air Force Summer Faculty Fellowship Program, administered by the American Society of Engineering Education, jointly made along with Jonathan E. Spowart and Nicholas W. Gothard, an invention titled "Control of Crystallographic Texture and Grain Size in Bulk Thermoelectric Materials Through Constrained Deformation," described in an application for Letters Patent of the United States as Serial Number 13/470,170, filed May 11, 2012, as later amended and as allowed on May 24, 2013;

WHEREAS, the American Society of Engineering Education does not intend to claim any rights to the described invention such that its subcontractor participant may retain title to the invention and assign his rights directly to the Government;

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the premises and other valuable considerations, I, Raghavan Srinivasan, have sold, assigned and transferred, and by these presents do sell, assign and transfer, unto the Government of the United States, as represented by the Secretary of the Air Force, my entire right, title and interest throughout the world in and to the aforesaid joint invention described in the aforesaid application for Letters Patent of the United States, and any and all applications for patent and patents in any and all countries foreign to the United States, and all Letters Patent issuing thereon and any continuations, continuations-in-part, divisions, and reissues or extensions thereof; and all priority resulting from the filing of the aforesaid application for patent in the United States; I hereby authorize and request any official whose duty it is to issue patents to issue any patent thereon to the United States of America, as represented by the Secretary of the Air Force, and his successors, as assignee of my entire right, title and interest in and to the same, for the sole use for the full term or terms for which said patents and any continuations, continuations-in-part, divisions and reissues or extensions thereof are, or may be, granted as fully and entirely as the same would have been held by me had this Assignment not been made; and I do hereby also grant to the Government of the United States as represented by the Secretary of the Air Force, an option to take the entire right, title and interest in the invention or all applications for Letters Patent thereon in all countries foreign to the United States in which the United States of America may file, or cause to be filed, applications for Letters Patent, without payment to me of any further consideration; provided, however, that this grant of an option to take foreign rights in the invention must be exercised by written notice to me within eight months of the filing date of any application for United States Letters Patent covering the invention, or within eight months from the declassification of the invention, whichever is later, and that all foreign rights not exercised under the option are left to me subject to a nonexclusive, irrevocable, royalty-free license to the United States of America in any patent which may issue on said invention in any foreign country, including the power to issue sublicenses for use in behalf of the United States of America and/or in furtherance of the foreign policies of the United States of America; and I hereby agree to execute any and all applications for Letters Patent, and to furnish all data and documents and to execute any papers which may be necessary or convenient for the preparation, filing, or prosecution of such applications, except it is understood that I shall not be subject to any out-of-pocket expense relative to such action.

	Daghan Line
And the state of t	Raghavan Srinivasan
SUBSCRIBED AND ACKNOWLEDGED 2013, at the of	before me by Raghavan Srinivasan this <u>Z7A</u> day of city of <u>(Aright - P. Herson Ar Ferra Brow</u> in the County of OL:0
	Notary Public (REDRIC L. SINDER, Afterney at Law Notary Public (2)

My Committee Tatent piction Date

REEL: 031148 FRAME: 0638

RECORDED: 09/06/2013