506189962 08/05/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
REYAD I. SAWAFTA	12/27/2012
NAJIH NASER	12/13/2012

RECEIVING PARTY DATA

Name:	PHASE CHANGE ENERGY SOLUTIONS, INC.
Street Address:	4180 PIEDMONT PARKWAY
City:	GREENSBORO
State/Country:	NORTH CAROLINA
Postal Code:	27410

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16985947

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	060053-00085
NAME OF SUBMITTER:	E. ERIC MILLS
SIGNATURE:	/E. Eric Mills/
DATE SIGNED:	08/05/2020

Total Attachments: 2

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PATENT 506189962 REEL: 053412 FRAME: 0479

ASSIGNMENT

WHEREAS, We, REYAD I. SAWAFTA, a citizen of the United States, residing

at 1705 Regents Park Lane, Greensboro, North Carolina 27455 and NAJIH NASER, a citizen of

Jordan, residing at 110 Wheatley Way, Cary, North Carolina 27513 (ASSIGNORS), have

invented certain inventions and improvements disclosed in a patent application entitled

COMPOSITIONS COMPRISING PHASE CHANGE MATERIALS AND METHODS OF

MAKING THE SAME filed in the United States Patent & Trademark Office on January 3,

2012, and assigned Patent Application Serial Number 61/582,549; and

WHEREAS, PHASE CHANGE ENERGY SOLUTIONS, INC., (ASSIGNEE),

of 4180 Piedmont Parkway, Greensboro, North Carolina 27410, is desirous of acquiring the

entire right, title and interest in and to the invention and in and to any letters patent that may be

granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the

receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said

ASSIGNEE, the entire right, title and interest in and to said invention, said application, any

applications claiming priority thereto, and any and all letters patent which may be granted for

said invention in the United States of America and its territorial possessions and in any and all

foreign countries, and in any and all divisions, reissues and continuations thereof, including the

right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights

deriving from said United States application to which said foreign applications are entitled by

virtue of international convention, treaty or otherwise, said invention, application and all letters

patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns as

PATENT REEL: 053462 FRAME: 0286 Title: COMPOSITIONS COMPRISING PHASE CHANGE MATERIALS AND METHODS OF MAKING THE SAME

Filed: January 3, 2012 Serial No. 61/582,549

Docket No. 5014082.002US1

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fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this

assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the

Commissioner of Patents and Trademarks to issue all letters patent on said invention to

ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the

making and prosecution of applications for United States and foreign letters patent on said

invention, for litigation regarding said letters patent, or for the purpose of protecting title to said

invention or letters patent therefore.

Sworn to and subscribed before me this 27 day of

December 2012.

Date: 12-27-2012

My Commission Expires:

GLORIA L LANGDON Notary Public **Guilford County** North Carolina

My Commission Expires Nov 25, 2013

Sworn to and subscribed before me this 13 day of

Seeember 2012.

Inventor Signature:

Notary Public

My Commission Expires: __1-26.16

JOSEPH W. RANDALL Notary Public **Wake County** North Carolina My Commission Expires Jan 26, 2016

> PATENT REEL: 053462 FRAME: 0286

RECORDED: 08/05/2028