

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Wouter Ducheyne	04/10/2012
RECEIVING PARTY DATA	
Name:	Technology for Renewable Energy Systems (TFRES) bvba
Street Address:	Rembrandtstraat 27
City:	Antwerpen
State/Country:	BELGIUM
Postal Code:	2018
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13981683
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ATTORNEY DOCKET NUMBER:	GHE 0011 PA/67416.12
NAME OF SUBMITTER:	Susan M. Luna
Signature:	/Susan M. Luna/
Date:	07/29/2013
Total Attachments: 1 source=Assignment_Ducheyne#page1.tif	

OP \$40.00 13981683

**INVENTION ASSIGNMENT FORM**

WHEREAS, the below named inventor hereinafter referred to as the ASSIGNOR created an invention entitled "METHODS AND COMPONENTS FOR THERMAL ENERGY STORAGE" for which an International Patent Application PCT/EP2012/051025 was filed on January 24, 2012, claiming priority of a UK Priority Patent Application which was filed on 26 January 2011 with Application number GB1101337.2; and

WHEREAS, Technology for Renewable Energy Systems (TFRES) bvba whose post office address is Rembrandtstraat 27, 2018 Antwerpen, Belgium hereinafter referred to as the ASSIGNEE, is desirous of acquiring the entire right, title, and interest in and to the aforesaid invention, including any tangible materials embodied in or encompassed by the invention (the "Invention") and in and to said application for a European Patent hereon, its member states and possessions and all foreign countries, including rights to claim priority, to any provisional applications, and in and to any Letters Patent of the United States or any foreign country which may be granted therefore, including any and all reissues, divisions, continuations, continuations-in-part, renewals, substitutes or extensions thereof (the "Rights");

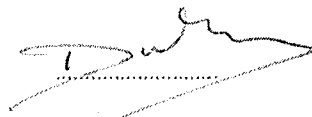
NOW, THIS WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, ASSIGNOR in accordance with his consent, hereby assign, sell, transfer and convey to ASSIGNEE, its assigns, its successors and legal representatives, the entire and exclusive right, title, and interest in and to the aforesaid Invention and Right, ASSIGNEE and its assigns, its successors and legal representatives to have, hold, exercise, and enjoy the said Invention and Rights, with all the rights, powers, privileges, and advantages arising from or appertaining thereto, for and during the term or terms of any and all of such European Patent or any foreign country which may be granted therefore, including any and all reissues, divisions, continuations, continuations-in-part, renewals, substitutes or extensions thereof, for the use and benefit of ASSIGNEE and its assigns, its successors and legal representatives, in as ample and beneficial manner to all intents and purposes as the ASSIGNOR(S) might or could have held and enjoyed the same, if the assignment had not been made.

AND ASSIGNOR(S) hereby agree to execute all papers that may be necessary to file Patent Applications for said Invention and to assign the same to said ASSIGNEE or its assigns, its successors or legal representative and to execute any other papers that may be needed in connection with filing said application and securing the aforesaid Right

AND ASSIGNOR(S) authorize and request the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to ASSIGNEE, its assigns, its successors and legal representatives, in accordance herewith.

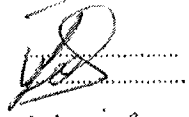
IN TESTIMONY WHEREOF this assignment is executed by ASSIGNOR(S).

DUCHEYNE, Wouter  
Inventor



Date April 20<sup>th</sup> 2012

WITNESS  
Signature  
Name



Date 20/04/2012

KATRIJN BOELS - KYLIE BOELS

**PATENT**