505927368 02/20/2020

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5974086

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
SEBASTIAAN JOANNES FRANCISCUS ERICH	02/22/2017
MOHAMMED ZUHAIR SIDDIQUI	02/22/2017

## **RECEIVING PARTY DATA**

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State/Country:	NETHERLANDS

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16640645

## **CORRESPONDENCE DATA**

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**Correspondent Name: RON JACOBS** 

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NAME OF SUBMITTER:	RON JACOBS
SIGNATURE:	/Ron Jacobs/
DATE SIGNED:	02/20/2020

**Total Attachments: 2** 

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> **PATENT REEL: 051879 FRAME: 0857** 505927368

#### ASSIGNMENT OF INVENTION AND PATENT

This Assignment of Invention and Patent (the "Assignment") is made and effective as of August 22, 2017, by and between Sebastiaan Joannes Franciscus Erich, an individual residing in Breda, "Assignor") and Nederlandse Organisatie VOOR toegepast-Netherlands. edf) natuurwetenschappelijk onderzoek TNO, an entity whose address is Anna van Buerenplein 1, 's-Gravenhage 2595 DA , NL (the "Assignee").

- 1) For good and valuable consideration, the receipt of which is hereby acknowledged. Assignor hereby sells, assigns and transfers to Assignee and the successors, assigns, and legal representatives of Assignee, all of its right, title and interest in and to (i) the invention or inventions described in US provisional patent application 62/548530 filed 8/22/2017 entitled Closed loop thermal energy storage system using thermochemical material (the "Application") naming Assignor as an inventor, (ii) any and all patent applications (whether provisional or non-provisional) relating to said invention(s), including all continuations, continuations-in-part, divisions, substitutes, reissues or renewals thereof, in any and all countries, (iii) any and all patents relating to such invention(s) in any and all countries that may be granted on any such application(s), including all reissues or extensions of any such patents and (iv) any and all domestic and foreign rights of priority resulting from the filing of the Application.
- 2) Assignor hereby agrees that no assignment, sale, agreement or encumbrance has been or will be made or entered into by Assignor which would conflict with this Assignment. Assignor represents and warrants to Assignee that at the time of the execution and delivery of this Assignment, Assignor solely owns (or jointly owns, if the invention(s) were jointly made) the entire right, title and interest in and to said invention(s).
- 3) Assignor agrees that Assignee may apply for foreign patents relating to said invention(s) and irrevocably authorizes Assignee and grants Assignee the right to do so.
- 4) Assignor agrees, on request and without further consideration, but at the expense of Assignee, to sign all lawful papers, make all rightful paths, and give any required testimony in any legal proceedings relating to said invention(s), and to generally aid Assignee, or its successors or assigns to obtain and enforce patent protection for said invention(s) in any and all countries.
- 5) Assignor authorizes and requests any official whose duty it is to issue patents to issue any patent on said invention(s) to Assignee, as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made.
- 6) This Assignment shall bind and inure to the benefit of the successors, assigns and personal representatives of the respective parties.

Assignor has executed this Assignment as of the Effective Date of August 22, 2017.

Signature:

Assignor: Sebastiaan Joannes Franciscus Erich

Lumen Ref.: TUE-240/PROV PID: 23379 HO: 6236

**PATENT** REEL: 051879 FRAME: 0858

#### **ASSIGNMENT OF INVENTION AND PATENT**

This Assignment of Invention and Patent (the "Assignment") is made and effective as of August 22, 2017, by and between Mohammed Zuhair Siddiqui, an individual residing in Eindhoven, Netherlands, (the "Assignor") and Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO, an entity whose address is Anna van Buerenplein 1, 's-Gravenhage 2595 DA, NL (the "Assignee").

- 1) For good and valuable consideration, the receipt of which is hereby acknowledged, Assignor hereby sells, assigns and transfers to Assignee and the successors, assigns, and legal representatives of Assignee, all of its right, title and interest in and to (i) the invention or inventions described in US provisional patent application 62/548530 filed 8/22/2017 entitled Closed loop thermal energy storage system using thermochemical material (the "Application") naming Assignor as an inventor, (ii) any and all patent applications (whether provisional or non-provisional) relating to said invention(s), including all continuations, continuations-in-part, divisions, substitutes, reissues or renewals thereof, in any and all countries, (iii) any and all patents relating to such invention(s) in any and all countries that may be granted on any such application(s), including all reissues or extensions of any such patents and (iv) any and all domestic and foreign rights of priority resulting from the filing of the Application.
- 2) Assignor hereby agrees that no assignment, sale, agreement or encumbrance has been or will be made or entered into by Assignor which would conflict with this Assignment. Assignor represents and warrants to Assignee that at the time of the execution and delivery of this Assignment, Assignor solely owns (or jointly owns, if the invention(s) were jointly made) the entire right, title and interest in and to said invention(s).
- 3) Assignor agrees that Assignee may apply for foreign patents relating to said invention(s) and irrevocably authorizes Assignee and grants Assignee the right to do so.
- 4) Assignor agrees, on request and without further consideration, but at the expense of Assignee, to sign all lawful papers, make all rightful oaths, and give any required testimony in any legal proceedings relating to said invention(s), and to generally aid Assignee, or its successors or assigns to obtain and enforce patent protection for said invention(s) in any and all countries.
- 5) Assignor authorizes and requests any official whose duty it is to issue patents to issue any patent on said invention(s) to Assignee, as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made.
- 6) This Assignment shall bind and inure to the benefit of the successors, assigns and personal representatives of the respective parties.

Assignor has executed this Assignment as of the Effective Date of August 22, 2017.

Signature:

RECORDED: 02/20/2020

Assignor: Mohammed Zuhaif Siddiqui

Lumen Ref.: TUE-240/PROV PID: 23379 IID: 6238

PATENT REEL: 051879 FRAME: 0859