505197946 11/19/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BERNARDUS JOHANNES MARIA ARNTZ	05/27/2017
NICOLAAS MICHIEL NOORDAM	05/27/2017

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16303054

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ATTORNEY DOCKET NUMBER:	ARZ-101/PCT/US
NAME OF SUBMITTER:	RON JACOBS
SIGNATURE:	/Ron Jacobs/
DATE SIGNED:	11/19/2018

Total Attachments: 2

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PATENT 505197946 REEL: 047547 FRAME: 0515

ASSIGNMENT OF INVENTION AND PATENT

This Assignment of Invention and Patent (the "Assignment") is made and effective as of May 25, 2017, by and between Bernardus Johannes Maria Arntz, an individual residing in The Hague, The Netherlands, (the "Assignor") and Technische Universiteit Delft, an entity whose address is Stevinweg 1, Delft 2628 CN, The Netherlands (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 PCT patent application PCT/EP2017/062717 filed 5/25/2017 entitled FOUNDATION PILE INSTALLATION DEVICE (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 May 25, 2017.

Signature:

Assignor: **Bernardus Johannes Maria Arntz**

Lumen Ref.: ARZ-101/PCT - Client Ref.: OCT-16-037

PID: 22533 IID: 5815

ASSIGNMENT OF INVENTION AND PATENT

This Assignment of Invention and Patent (the "Assignment") is made and effective as of May 25, 2017, by and between Nicolaas Michiel Noordam, an individual residing in Zuid-Holland, The Netherlands, (the "Assignor") and Technische Universiteit Delft, an entity whose address is Stevinweg 1, Delft 2628 CN, The Netherlands (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 PCT patent application PCT/EP2017/062717 filed 5/25/2017 entitled FOUNDATION PILE INSTALLATION DEVICE (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.
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Assignor has executed this Assignment as of the Effective Date of May 25, 2017.

Signature:

RECORDED: 11/19/2018

Assignor: Nicolaas Michiel Noordam

NOOBDAM

Lumen Ref.: ARZ-101/PCT - Client Ref.: OCT-16-037

PID: 22533 IID: 6198

PATENT REEL: 047547 FRAME: 0517