506191874 08/06/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6238613

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
DR. PIETER DORENBOS	07/10/2020	

RECEIVING PARTY DATA

Name:	me: TECHNISCHE UNIVERSITEIT DELFT	
Street Address: POSTBUS 5		
City: DELFT		
State/Country: NETHERLANDS		
Postal Code: 2600 AA		

PROPERTY NUMBERS Total: 8

Property Type	Number	
Application Number:	61719405	
Application Number:	61719406	
Application Number:	61719408	
Application Number:	14064981	
Application Number:	15077042	
Application Number:	16225193	
Application Number:	16735768	
PCT Number:	US2013067103	

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	BI-23160
NAME OF SUBMITTER:	PETYA JUNGOWSKI
SIGNATURE:	/Petya Jungowski/

PATENT 506191874 REEL: 053422 FRAME: 0850

Total Attachments: 4
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PATENT REEL: 053422 FRAME: 0851

Atty Docket Number: BI-23160-US

CONFIRMATORY ASSIGNMENT

WHEREAS, at the time the Inventions (as defined below) were conceived, Dr. Pieter DORENBOS ("Inventor"), a resident of Rijswijk, The Netherlands was a professor at TECHNISCHE UNIVERSITEIT DELFT having a postal address of Postbus 5, 2600 AA Delft, The Netherlands ("TU Delft");

WHEREAS, Inventor desires to confirm original vesting of ownership of the Inventions (as defined below) in TU Delft, and TU Delft desires to accept the confirmation of the same from Inventor.

NOW THEREFORE.

Inventor acknowledges and confirms that he conceived his invention(s) as disclosed in the patents and patent applications listed in the attached Appendix ("Inventions") when carrying out research as a professor in the service of TU Delft.

Inventor acknowledges and confirms that under Article 12 of the Dutch Patents Acts ownership of the Inventions originally vested with TU Delft. Inventor further acknowledges and confirms that all rights, including rights to past damages and claims of priority in the Inventions originally vested in TU Delft.

Inventor acknowledges that under Dutch law, Inventor had neither the right nor the power to assign any or all of the Inventions to Stichting Voor De Technische Wetenschappen ("STW"), and thus, the assignment from the Inventor to STW executed by Inventor on 30 June 2017 is null and void.

Inventor authorizes TU Delft, its successors, assigns and legal representatives to apply for and be granted patents in the United States and foreign countries for the Inventions, and to claim all rights of priority without further authorization from Inventor. Except as explicitly recited in this Confirmatory Assignment, Inventor hereby covenants that no other assignment, sale, license, agreement, or encumbrance has been or will be made or entered into that would conflict with this Confirmatory Assignment.

To the extent any country or state does not recognize the original vesture of the Inventions in TU Delft under Dutch Law, Inventor hereby sells, transfers, conveys and assigns for and in consideration of certain good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, to TU Delft, its successors and assigns, including without limitation, Inventor's entire right, title and interest, including rights to past damages and claims for priority, in and to any and all United States and foreign applications (including international, regional and foreign national applications) for the Inventions, including divisions, continuations, continuations-in-part, utility models, industrial designs, renewals, substitutes and extensions thereof, and in and to any and all patents, invention registrations, or other forms of protection ("Patents") of every country or region that may be granted or have been granted for the Inventions, including any reissues and reexaminations thereof.

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Any Docker Number: BI-23160-US

Inventor agrees that, upon request and without further compensation, but at no expense to Inventor, Inventor and/or his legal representatives and assigns will do all lawful acts, including the execution of papers and the giving of testimony, that may be necessary or desirable for obtaining, sustaining, reissuing, or enforcing the Patents in the United States and throughout the world for the Inventions, and for perfecting, recording, or maintaining the title of TU Delft, its successors and assigns, to the Inventions, the applications, and any Patents granted for the Inventions in the United States and throughout the world.

	sconted on <u>/ /</u>
W	Dr. Pieter Dorenbos Sitnessed on 10 - 2 2020 by
	Noff-inventor Witness Signature The in Mire demon

Acknowledged by:

TECHNISCHE UNIVERSUREIT DELFT

Dr. H.F.S. Althuis

Director of Valorisation Centre

STICHTING VOOR DE TECHNISCHE WETENSCHAPPEN

Dr. H.H. Nijbuis

Director

Atty Docket Number: BI-23160-US

Inventor agrees that, upon request and without further compensation, but at no expense to Inventor, Inventor and/or his legal representatives and assigns will do all lawful acts, including the execution of papers and the giving of testimony, that may be necessary or desirable for obtaining, sustaining, reissuing, or enforcing the Patents in the United States and throughout the world for the Inventions, and for perfecting, recording, or maintaining the title of TU Delft, its successors and assigns, to the Inventions, the applications, and any Patents granted for the Inventions in the United States and throughout the world.

Executed on, 2020 by	Dr. Pieter Dorenbos
Witnessed on, 2020 by	Non-inventor Witness Signature
Acknowledged by:	
TECHNISCHE UNIVERSITEIT DELFT	STICHTING VOOR DE PECHNISCHE WETENSCHAPPEN
Dr. H.P.S. Althuis Director of Valorisation Centre	De VIII. Nijmas Director

Atty Docket Number: BI-23160-US

APPENDIX

Patent Ref.	Cou ntry	Application Number	Filed Date	Patent No.	Grant Date	Status
BI-23160-US-PI	US	61719405	2012-10-28			Expired
BI-23160-US-P2	US	61719406	2012-10-28			Expired
BI-23160-US-P3	US	61719408	2012-10-28			Expired
BI-23160-WO	PCT	PCT/US2013/067103	2013-10-28			Expired
BI-23160-US	US	14064981	2013-10-28	US 2014/0117242 (Publ. No.)	2014-05-01 (Publ. Date)	Abandoned
BI-23160-CN	CN	201380065351.4	2013-10-28	ZL 201380065351.4	2017-12-05	Granted
BI-23160-EP	EP	13849213.7	2013-10-28	2912143 B1	2019-11-27	Granted
BI-23160-US-C	US	15077042	2016-03-22	10203421	2019-02-12	Granted
BI-23160-US-C2	US	16225193	2018-12-19	10564298	2020-02-18	Granted
BI-23160-EP-D	EP	19211184.7	2013-10-28	3633010 A1 (Publ. No.)	2020-04-08 (Publ. Date)	Pending
BI-23160-DE	DE	13849213.7	2013-10-28	2912143	2019-11-27	Granted
BI-23160-US-C3	US	16735768	2020-01-07	US 2020/0150289 (Publ. No.)	2020-05-14 (Publ. Date)	Pending

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PATENT REEL: 053422 FRAME: 0855