PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5868989

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
	Corrective Assignment to correct the CITY FIELD BY REMOVING THE COMMA previously recorded on Reel 051229 Frame 0066. Assignor(s) hereby confirms the ASSIGNMENT.

CONVEYING PARTY DATA

Name	Execution Date
WILLIAM JOHN BAXTER HEFFERNAN	11/19/2019
NURZHAN NURSULTANOV	11/19/2019
MARINUS JOHANNES WILHELMUS MARIA RYAN VAN HEREL	11/19/2019

RECEIVING PARTY DATA

Name:	THE UNIVERSITY OF CANTERBURY OF ILAM ROAD
Street Address:	87 ILAM ROAD
City:	CHRISTCHURCH
State/Country:	NEW ZEALAND
Postal Code:	8041

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16494717

CORRESPONDENCE DATA

Fax Number: (312)759-5646

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

gpeters@btlaw.com, jmueller@btlaw.com Email:

Correspondent Name: GRANT H. PETERS P.O. BOX 2786 Address Line 1:

Address Line 4: CHICAGO, ILLINOIS 60690-2786

ATTORNEY DOCKET NUMBER:	80978-299910
NAME OF SUBMITTER:	GRANT H. PETERS
SIGNATURE:	/Gant H. Peters/
DATE SIGNED:	12/16/2019

Total Attachments: 5

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> **PATENT** REEL: 051304 FRAME: 0923

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PATENT REEL: 051304 FRAME: 0924

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5859025

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WILLIAM JOHN BAXTER HEFFERNAN	11/19/2019
NURZHAN NURSULTANOV	11/19/2019
MARINUS JOHANNES WILHELMUS MARIA RYAN VAN HEREL	11/19/2019

RECEIVING PARTY DATA

Name:	THE UNIVERSITY OF CANTERBURY OF ILAM ROAD
Street Address:	CHRISTCHURCH
City:	,
State/Country:	NEW ZEALAND
Postal Code:	8041

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16494717

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	R: 80978-299910	
NAME OF SUBMITTER:	GRANT H. PETERS	
SIGNATURE:	/Gant H. Peters/	
DATE SIGNED:	12/10/2019	

Total Attachments: 4

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> PATENT REEL: 051304 FRAME: 0925

U.S. NATIONAL / INTERNATIONAL PCT APPLICATION ASSIGNMENT TO BUSINESS CONCERN

Attorney Docket No.: 80978-299910 Client Reference No.: 513334USPR

ASSIGNMENT

for good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged,		
Name(s) of Inventor(s); Conveying Party(ies)		
William John Baxter Heffernan		
Nurzhan Nursultanov		
Marinus Johannes Wilhelmus Maria Ryan Van Herel		
maker(s) of an invention which is the subject of: (Check applicable boxes and enter serial number and date if available)		
a ☐ United States Provisional Application identified by Application No and filing date; and/or a ☑ United States National Application identified by Application No. 16/494717 and filing date September 16, 2019; and/or a ☑ PCT International Application, identified by Application No. PCT/NZ2018/050029 and filing date March 14, 2018, and entitled:		
Title of Application		
Wood Heating System and Method		
hereinafter (the "Application(s)")		
Barnes & Thornburg LLP, One North Wacker Drive, Suite 4400, Chicago, Illinois 60606 is authorized to insert in parentheses (Application number, filed) the filing date and application number of said application when known.		
the undersigned hereby sell(s), assign(s), and set(s) over to:		
Name of Assignee(s); Receiving Party(ies);		
The University of Canterbury of Ham Road		
Address of principal place of business		
Christchurch		
8041, New Zealand		
Insert State of Incorporation (if applicable) or "Not Applicable"		
a corporation of		
(hereinafter designated as the Assignce) their entire right, title and interest in, to and under the Application(s) throughout the world, including all priority rights for the United States and other countries arising therefrom, all inventions therein disclosed, and any and all Letters Patent of the United States and of all other countries, which		

may be granted for such inventions, or any of them, all such inventions and all rights in such Application(s) and Letters Patent to be held and enjoyed by Assignee for its own use and enjoyment to the full end of the term or terms

Attorney Docket No.: 80978-299910 Client Reference No.: 513334USPR

for which such Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by them had this assignment and sale not been made.

The undersigned agree(s) to execute all papers necessary in connection with the Application(s) in the United States and counterpart applications in foreign countries and any continuing, divisional, or reissue applications thereof, and any reexamination of any of such Applications, and also to execute separate assignments in connection with such Applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared or litigation concerning the Application(s), U.S. national counterparts thereof, or continuation(s), division(s), reissue(s), reexamination(s) thereof, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or litigation.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States and in all other countries where Assignee may desire to have such inventions, or any of them, patented, with specifications and claims in such form as shall be approved by Assignee and to vest and confirm in Assignee or its nominees the full and complete legal and equitable title to all such Letters Patent.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting or following from said Application(s) or any division or divisions or continuing or reissue applications thereof, and any reexamination of any of such applications, to the said Assignee, as Assignee of the entire interest, and hereby covenants that the undersigned has full right to convey the interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict herewith.

IN WITNESS WHEREOF, I have	executed this assignment this 19th day of November, 20	<u>19</u> .
Inventor's Signature		
William John Baxter Heffernan Printed Name		
Date	Witness 2 A Her	
Date	Vitness	

Attorney Docket No.: 80978-299910 Client Reference No.: 513334USPR

IN WITNESS WHEREOF, I have	executed this assignment this 19th day of Weekler, 20
Musan Buch	
Inventor's Signature	
Nurzhan Nursultanov Printed Name	
Date	Richard Stration Witness R. J. All
Date	Witness Schiller
the transfer of the second sec	
IN WITNESS WHEREOF, I have	executed this assignment this 1964 day of Naponder, 20.
Marinus Johannes Wilhelmus Maria Ryan Printed Name	Van Herel
Date	Witness Richard Straham Josh Schipper Witness
Date 1177	Witness

15288973

PATENT REEL: 051304 FRAME: 0929

RECORDED: 12/16/2019