504918392 05/16/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HARALD VON LANGSDORFF	04/26/2018
WILLIAM JAMES	05/10/2018

RECEIVING PARTY DATA

Name:	F. VON LANGSDORFF LICENSING LIMITED	
Street Address:	14145 KENNEDY ROAD	
City:	CALEDON	
State/Country:	CANADA	
Postal Code:	L7C 2H4	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15776767

CORRESPONDENCE DATA

Fax Number: (202)331-3838

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Address Line 2: SUITE 401

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ATTORNEY DOCKET NUMBER:	411.0013	
NAME OF SUBMITTER:	GEORGE A. METZENTHIN	
SIGNATURE:	/George A. Metzenthin/	
DATE SIGNED:	05/16/2018	

Total Attachments: 4

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> PATENT REEL: 045825 FRAME: 0536

504918392

Blakes Ref: 67524/00138

COMBINED INVENTOR DECLARATION AND ASSIGNMENT

1) INVENTOR DECLARATION (37 CFR 1.63)

As a below named inventor, each of **Harald VON LANGSDORFF** and **William JAMES**, hereby declares as follows:

- a) This declaration is directed to:
 - () The attached application; or
 - (X) United States application number <u>62/256,471</u>, filed on <u>November 17, 2015</u>; United States application number <u>62/382,758</u>, filed on <u>September 1, 2016</u>; PCT International Patent Application No. <u>PCT/CA2016/051345</u>, filed on <u>November 17, 2016</u>,

hereinafter referred to as the "Applications".

- b) The above-identified Applications were made or authorized to be made by me.
- c) I believe that I am the original inventor or an original joint inventor of a claimed invention in the Applications.
- d) I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

2) ASSIGNMENT

WHEREAS,

- 1) Harald VON LANGSDORFF; and
- 2) William JAMES

hereinafter referred to as the "Assignors", whose full post office addresses are,

- 1) 14145 Kennedy Road, Caledon, Ontario L7C 2H4, Canada; and
- 2) 36 Stuart Street, Guelph, Ontario N1E 4S5, Canada

have made one or more inventions relating to and entitled:

PATENT REEL: 045825 FRAME: 0537

Paving Element Having Drainage Channels and Pavement System Incorporating Same

hereinafter referred to as the "Invention", as fully set forth and described in the Applications AND WHEREAS,

F. von Langsdorff Licensing Limited

hereinafter referred to as the "Assignee", whose full post office address is

14145 Kennedy Road, Caledon, Ontario L7C 2H4, Canada

desires to acquire the Assignors' entire right, title and interest in and to the Invention and the Applications;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Assignors confirm that they have, as of May 25, 2016, sold, assigned, transferred and set over, and for greater certainty, do hereby sell, assign, transfer and set over to the Assignee, its successors, assigns, or legal representatives, their entire right, title and interest for Canada, the United States and all other countries throughout the World in and to the Invention, together with their entire right, title and interest in and to the Applications and any and all Letters Patents that may issue for the Invention, including any and all divisions, reissues, continuations and extensions of the Applications, to the full end of the term for which each of said Letters Patents may be granted, and including any right to claim priority based on the Applications, the same to be held and enjoyed as fully and completely as the same would have been held and enjoyed by the Assignors had this Assignment not been made.

AND the Assignors, on behalf of themselves and their executors and administrators, do hereby covenant and agree to do all such lawful acts and things and to execute without further consideration such further lawful assignments, documents, assurances, applications and other instruments as may reasonably be required by the Assignee, its successors, assigns, or legal representatives, to obtain any and all Letters Patents for the Invention and vest the same in the Assignee, its successors, assigns, or legal representatives.

AND the Assignors, on behalf of themselves and their executors and administrators, do hereby authorize the Assignee, its successors, assigns, or legal representatives, including its Patent Agents, Blake, Cassels & Graydon LLP, to amend this assignment to insert or correct the filing date, serial number or other identifying information of the Applications as may be needed to record this assignment.

- Signature pages to follow -

PATENT REEL: 045825 FRAME: 0538

Name	Witness Name
Harald VON LANGSDORFF	Gillian God Lungelold
Signature 7/5/19	Witness Signature 33
Date 1761.1 26.2018	Date (1) 10/8
Name	Witness Name
William JAMES	
Signature	Witness Signature
Date	Date

Name	Witness Name
Harald VON LANGSDORFF	
Signature	Witness Signature
Date	Date

Name	Witness Name
William JAMES	Ellen Hachborn
Signature Milliam James	Witness Signature
Date 2018,05.70	Date 2018,05.10