PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5107443

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOHN G. BURGERS	07/04/2018
KENNETH M. A. ABELS	07/04/2018
BRIAN E. CHEADLE	07/03/2018

RECEIVING PARTY DATA

Name:	DANA CANADA CORPORATION
Street Address:	656 KERR STREET
City:	OAKVILLE, ONTARIO
State/Country:	CANADA
Postal Code:	L6K 3E4

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15980780

CORRESPONDENCE DATA

Fax Number: (419)249-7151

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.

Phone: 419-249-7195

Email: ragan@marshall-melhorn.com
Correspondent Name: MARSHALL & MELHORN, LLC
Address Line 1: FOUR SEAGATE, EIGHTH FLOOR

Address Line 4: TOLEDO, OHIO 43604

ATTORNEY DOCKET NUMBER:	1-25623/9983 LONG
NAME OF SUBMITTER:	KRISTENE M. RAGAN
SIGNATURE:	/kmr/
DATE SIGNED:	08/23/2018

Total Attachments: 4

source=9983Assignment#page1.tif source=9983Assignment#page2.tif source=9983Assignment#page3.tif source=9983Assignment#page4.tif

> PATENT REEL: 046686 FRAME: 0927

505060688

ASSIGNMENT OF INVENTION

	For: X U.S. No U.S. Pr	nd/or X_Foreign Rights on-Provisional Appln/Patent rovisional Application ors or Present Owner
For good and valuable consideration, the re	ceipt of which is hereb	by acknowledged,
ASSIGNORS: Inventors or persons or entities wh	o own the invention	
John G. Burgers 1210 Priory Court Oakville, Ontario L6M 1B7 CANADA	CA Nationality	
Kenneth M. A. Abels 3114 Shannon Crescent Oakville, Ontario L6L 6B4 CANADA	<u>CA</u> Nationality	
Brian E. Cheadle 13 Hazelwood Court Brampton, Ontario L6S 1B5	<u>CA</u> Nationality	
hereby sell, assign and transfer to		
ASSIGNEE:		
Dana Canada Corporation 656 Kerr Street Oakville, Ontario L6K 3E4 CANADA	Corporation of Nova Nationality	Scotia
and the successors, assigns and legal representat		
and interest, for the United States and its territorial possessions, and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the		
invention entitled Counterflow Heat Exchanger V	/ith Side Entry Fittings	

PATENT REEL: 046686 FRAME: 0928

Name of inven	tors: John G. Burgers, Kenneth M. A. Abels and	Brian E. Cheadle
and which is fo	und in	
·	U.S. Patent Application executed on even date h	nerewith;
	U.S. Provisional Patent Appln. Serial No.	filed on
<u>_X</u> _	U.S. Non-Provisional Appln. No. 15980780 filed	on <u>May 16, 2018</u> ;
<u> </u>	To comply with 37 CFR 3.21 for recordal of this Assignor(s) signing below, hereby authorize and inset the filing date and application number whe	I request my/our attorney to

and any legal equivalent thereof in a foreign country, including the right to claim priority, and in and to, all Letters Patent to be obtained for said invention by the above application, for the United States of America and its territorial possessions and any other foreign country or countries that may be granted to them therefor, and any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof;

ASSIGNORS agree that this Assignment may be executed in one or more counterparts, each of which shall be deemed to be an original and all of which together shall be deemed to constitute one and the same instrument.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and

2

PATENT REEL: 046686 FRAME: 0929 Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

	ASSIGNORS
	- Sh Eugen
Signed at: Oakulle	John G. Burgers
this 4 day of July , 2018	
Witness:	
Swan Kinder	
Printed name	
Signature	. 79
olgnature	Pallel
Signed at: OAKU/UK	Kenneth M. A. Abels
this <u>64</u> day of <u>July</u> , 20_18	
Witness:	
Elisan Kindar	
Printed name	
Signature	
Gignature	
	Brian E. Cheadle
Signed at:	
this day of , 20	
Witness:	
Printed name	
Signature	
NOTE: No witnessing, notarization or legalization is necessary	ary. If the assignment is notarized or legalized, then it will only be

3

Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

	ASSIGNORS
Signed at:	John G. Burgers
this day of , 20	
Witness:	
Printed name	
Signature	
Signed at:	Kenneth M. A. Abels
this day of, 20	
Witness:	
Printed name	
Signature	Bite
Signed at: Ostavilla	Brian E. Cheadle
this <u>3-63</u> day of <u>\(\frac{1}{2} \rightarrow \), 20 i \(\frac{8}{2} \)</u>	
Witness:	
Printed name	
Signature	
NOTE: No witnessing, notarization or legalization is necessare prima facile evidence of execution, 35 U.S.C. 261.	ary. If the assignment is notarized or legalized, then it will only be

3

PATENT REEL: 046686 FRAME: 0931