504642273 11/14/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

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EPAS ID: PAT4688993

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LEE M. KINDER	10/24/2017
KENNETH M.A. ABELS	10/24/2017
COLIN A. SHORE	10/24/2017
ERIC J. SCHOUTEN	10/25/2017

RECEIVING PARTY DATA

Name:	DANA CANADA CORPORATION	
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15783337

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	1-25208/9853 LONG	
NAME OF SUBMITTER:	KRISTENE M. RAGAN	
SIGNATURE:	/kmr/	
DATE SIGNED:	11/14/2017	

Total Attachments: 4

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PATENT 504642273 REEL: 044124 FRAME: 0845

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PATENT REEL: 044124 FRAME: 0846

For: X U.S. and/or X Foreign Rights
For: X U.S. Non-Provisional Appln/Patent

ASSIGNMENT OF INVENTION

	U.S. Provisional Application
	By: X Inventors or Present Owner
For good and valuable consideration, the	e receipt of which is hereby acknowledged,
ASSIGNORS: Inventors or persons or entities	who own the invention
Lee M. Kinder	CA
2455 Wooden Hill Circle	Nationality
Oakville, Ontario L6M 4E3	
CANADA	
Kenneth M.A. Abels	CA
3114 Shannon Crescent	Nationality
Oakville, Ontario L6L 6B4	•
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Colin A. Shore	CA
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Hamilton, Ontario L8V 4A2	•
CANADA	
	24
Eric J. Schouten	CA
400 Mountain Crest Avenue	Nationality
Hamilton, Ontario L9C 1L7	
CANADA	
hereby sell, assign and transfer to	
ASSIGNEE:	
Dana Canada Corporation	Corporation of Nova Scotia
656 Kerr Street	Nationality
Oakville, Ontario L6K 3E4	
CANADA	

and the successors, assigns and legal representatives of the ASSIGNEE, their entire right, title and interest, for the United States and its territorial possessions, and in all foreign countries,

1

PATENT REEL: 044124 FRAME: 0847

including all rights to claim priority, in and to any and all improvements which are disclosed in the		
invention entitled HEAT EXCHANGER HAVING BYPASS SEAL WITH RETENTION CLIP		
Name of inventors: Lee M. Kinder, Kenneth M.A. Abels, Colin A. Shore and Eric J. Schouten		
and which is found in		
	U.S. Patent Application executed on even date herewith;	
	U.S. Provisional Patent Appln. Serial No filed on;	
<u>X</u>	U.S. Non-Provisional Appln. No. 15/783,337 filed on 10/13/17	
<u>_X</u>	To comply with 37 CFR 3.21 for recordal of this assignment, We/l, the Assignor(s) signing below, hereby authorize and request my/our attorney to inset the filing date and application number when they become known.	

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

2

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

ha. haara	
	ASSIGNORS
Signed at: OAKVILLE this 24 day of OCT, 2017	Lee M. Kinder
Witness: Susan Kuder Printed name Signature	2 Shell
Signed at: OAKUILLE this 24 day of OET., 2017	Kenneth M.A. Abels
Witness: Susan Kinder Printed name Signature	Col Shre
Signed at: OAKUILLE this 24 day of OCT, 2017	Colin A. Shore
Witness: Sugan Kunder Printed name Signature	

3

Attorney Docket No. 1-25208 9853 LONG

Signed at: OAKUILLE

this 25 day of OCT, 2017

Witness:
Printed name

Signature

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized, then it will only be prima facie evidence of execution. 35 U.S.C. 261.

4

PATENT REEL: 044124 FRAME: 0850

RECORDED: 11/14/2017