PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5528937

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
FREDRIK STRÖMER	12/01/2017
KRISTIAN WALTER	12/14/2017

RECEIVING PARTY DATA

Name:	ALFA LAVAL CORPORATE AB	
Street Address:	P. O. BOX 73	
City:	LUND	
State/Country:	SWEDEN	
Postal Code:	S-221 00	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16461714

CORRESPONDENCE DATA

Fax Number: (703)205-8050

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: 703-205-8000

Email:tu.t.tan@bskb.com, mailroom@bskb.comCorrespondent Name:BIRCH, STEWART, KOLASCH & BIRCH, LLPAddress Line 1:8110 GATEHOUSE ROAD, SUITE 100E

Address Line 4: FALLS CHURCH, VIRGINIA 22042

ATTORNEY DOCKET NUMBER:	6515-0194PUS1
NAME OF SUBMITTER:	TAN T. TU
SIGNATURE:	/TAN T. TU/
DATE SIGNED:	05/16/2019

Total Attachments: 3

source=Assignment 6515-0194PUS1#page1.tif source=Assignment 6515-0194PUS1#page2.tif source=Assignment 6515-0194PUS1#page3.tif

PATENT 505482133 REEL: 049211 FRAME: 0617

Application No.: 16461714 filed 05/16/2019

Attorney Docket No. : 6515-0194PUS1

ASSIGNMENT (JOINT)

THIS ASSIGNMENT, by Fredrik STRÖMER residing at Johanna Wolls väg 12, SE-244 36 KÄVLINGE, Sweden, and Kristian WALTER, residing at Lyngby 221, SE-247 99 GENARP, Sweden (hereinafter referred to as "the Assignors"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in

HEADER FOR A HEAT EXCHANGER AND A HEAT EXCHANGER

set forth in an application for Letters Patent of the United States, which is either: a U.S. national stage application based on International Application No. PCT/EP2017/080615 filed on 28 November 2017 or a U.S. application claiming priority to said international application;

WHEREAS, ALFA LAVAL CORPORATE AB, a corporation duly organized under and pursuant to the laws of Sweden and having a principal place of business in Lund, Sweden (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions; the right to file applications on said inventions and the entire right, title and interest in and to any and all applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behoof and the use and behoof of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assigners had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said

PATENT REEL: 049211 FRAME: 0618

Attorney Docket No.: 6515-0194PUS1

application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behoof of the Assignee, its successors, legal representatives, and assigns.

1/12	-2017	Ful	A. Campbelline	Marie Contraction of the Contrac
DATE		Fredrík STRÖMER		
DATE		Kristian WALTER		

Attorney Docket No.: 6515-0194PUS1

application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behoof of the Assignee, its successors, legal representatives, and assigns.

DATE

Fredrik STRÖME

2017-12-14 DATE X

RECORDED: 05/17/2019

Kristian WALTER

PATENT REEL: 049211 FRAME: 0620