504217167 02/07/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4263844

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
FREDRIK FISK	01/19/2017
BJORN-ERIK ANDERSSON	01/19/2017

RECEIVING PARTY DATA

Name:	SAAB AB
Street Address:	S-581 88
City:	LINKOPING
State/Country:	SWEDEN

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15322369

CORRESPONDENCE DATA

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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.

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ATTORNEY DOCKET NUMBER:	69993.411230
NAME OF SUBMITTER:	JEFFRI A. KAMINSKI
SIGNATURE:	/Jeffri A. Kaminski/
DATE SIGNED:	02/07/2017

Total Attachments: 2

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PATENT 504217167 REEL: 041196 FRAME: 0557

WORLDWIDE ASSIGNMENT

WHEREAS FREDRIK FISK, residing at Mariedalsgatan 16, Linkoping, Sweden 586 65, and BJORN-ERIK ANDERSSON, residing at Kompanigatan 19, Norrhoping, Sweden 602 09, hereinafter referred to as Assignors, invented a certain improvement relating to OPTICAL FIBER SENSOR SYSTEM FOR DETECTING TEMPERATURE CHANGES IN AN AIRCRAFT, for which said assignors have caused a Non-Provisional application to be prepared and filed as serial No. 15/322,369, on December 27, 2016, and claiming priority from International application: PCT/SE2014/050788, filed 25 June 2014.

WHEREAS SAAB AB, hereinafter referred to as Assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefore, including any and all renewals, reissues and prolongations thereof:

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by Assignee to Assignor, the receipt and sufficiency of which is hereby acknowledged, Assignor hereby assigns, sells and transfers, and has assigned, sold, and transferred to Assignee, its successors and assigns, the entire and exclusive right, title, and interest for the United States in and to the invention, the application, and any patents which may be granted therefor, including any and all nonprovisional applications, divisions, continuations, in whole or in part, substitutions, renewals, reissues, reexaminations, and extensions thereof, and all applications claiming priority therefrom; and Assigner authorizes and requests the Commissioner of Patents and Trademarks to issue all patents for the invention, or patents resulting therefrom, insofar as their interest is concerned, to Assignee; to have, hold, exercise, and enjoy, with all the rights, powers, privileges, and advantages in anywise arising therefrom or appertaining thereto, for and during the term or terms of any and all such patents when granted, for the use and benefit of said Assignee, and said Assignee's successors and assigns, in as ample and beneficial a manner as Assignor might or could have held and enjoyed the same, if this assignment had not been made.

Assignors further hereby assign, sell and transfer, and have assigned, sold, and transferred to Assignee, its successors and assign, the entire right, title and interest in all countries of the world, in and to the invention and in and to the application and all patents which may be granted therefor, and all international applications, national applications, regional applications, divisions, reissues, substitutions, continuations, in whole or in part, re-examinations, and extensions thereof, including the right to file applications and obtain patents for the invention in its own name, in all countries and including all rights of priority in all countries under the terms of any applicable international convention, insofar as its interest is concerned; and the Assignors hereby authorize and request the applicable patent office in each country of the world to issue all patents for the invention, or patents resulting therefrom, insofar as its interests are concerned, to the Assignee, to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assign, to the full end of the term or terms for which any and all of such patents for the invention may issue, to the same extent as the Assignor would hold and enjoy if this Assignment had not been made.

Assignors further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights, and also agree, at the request of the Assignee, to testify in any legal proceedings, sign all lawful papers, make all lawful oaths, and generally do everything possible to aid said Assignce, its successors and assigns, to obtain, maintain and enforce proper patent protection for said invention.

Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignor is the sole and lawful owner of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

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VENABLE LLP All practitioners at Customer Number 26694

[Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.]

IN WITNESS WHEREOF, each individual collection to be executed. Dated this	ively referred to as Assignor has caused this Assignment
WITNESS: Signature: Jr. Royald Name: OVE NY678205	ASSIGNOR: Signature: Fredrik Fisk Address;
Dated this 19 day of Jan , 20 WITNESS: Signature: OVE NY GARDS	ASSIGNOR: Signature: Name: Bjorn-Erik Andersson Title: For: Address:

DC2-730492v1

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RECORDED: 02/07/2017