503558580 11/06/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	NUNC PRO TUNC ASSIGNMENT	
EFFECTIVE DATE:	05/07/2014	

CONVEYING PARTY DATA

Name	Execution Date
JORGEN BENGTSSON	11/05/2015

RECEIVING PARTY DATA

Name:	SEM AB
Street Address:	P.O. BOX 30
City:	AMAL
State/Country:	SWEDEN
Postal Code:	S-662 21

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14889599

CORRESPONDENCE DATA

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Address Line 2: JOHNSON, MARCOU & ISAACS, LLC

Address Line 4: SAVANNAH, GEORGIA 31401

ATTORNEY DOCKET NUMBER:	HPAB-0170US	
NAME OF SUBMITTER:	COLLEEN F. SULLIVAN	
SIGNATURE:	/Colleen F. Sullivan/	
DATE SIGNED:	11/06/2015	

Total Attachments: 2

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PATENT 503558580 REEL: 036979 FRAME: 0190

ASSIGNMENT NUNC PRO TUNC

WHEREAS, I, JÖRGEN BENGTSSON, residing at Krubbenäs, Backen, S-662

96 Svanskog, Sweden, have invented certain inventions and improvements disclosed in an

application for Letters Patent entitled "SYSTEM AND METHOD FOR CONTROLLING

THE PERFORMANCE OF AN ENGINE," the specification of which was filed on May 7,

2014 as International Patent Application No. PCT/EP2014/059386 and assigned U.S. Patent

Application No. 14/889, 599; and

WHEREAS, **SEM AB**, a corporation having a principal place of business at P.O.

Box 30, S-662 21 Åmål, Sweden, is desirous of acquiring an interest in the same.

NOW, THEREFORE, for good and valuable consideration, the receipt and

sufficiency of which I hereby acknowledge, I, JÖRGEN BENGTSSON, by these presents, do

sell, assign, and transfer to SEM AB my full, exclusive, and entire right, title, and interest in and

to said application, in and to any divisions, continuations, reexaminations, and reissues thereof,

and in and to all inventions and improvements disclosed and described in said application,

preparatory to obtaining Letters Patent of the United States therefor; and I hereby request the

Director of the U.S. Patent and Trademark Office to issue any and all Letters Patent of the

United States resulting from said application, or from a division, continuation, reexamination, or

reissue thereof, to SEM AB as the assignee, for its interest and for the sole use and benefit of

SEM AB and its assigns and legal representatives;

For the same consideration, I, by these presents, do sell, assign, and transfer to

SEM AB my full, exclusive, and entire right, title, and interest in and to any foreign application

or applications corresponding to said application, in whole or in part, in countries other than the

United States, in and to any Letters Patent and similar protective rights granted on said foreign

applications, and in and to the right to claim any applicable priority rights arising from or

required for said foreign applications under the terms of any applicable conventions, treaties,

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Assignment Nunc Pro Tunc
"System and Method for Controlling the Performance of an Engine"
US National of PCT/EP2014/059386

statutes, or regulations; said foreign applications to be filed and issued in the name of SEM AB

or its designee insofar as permitted by applicable law;

AND, for the same consideration, I agree to sign all lawful papers, execute all division, continuing, reexamination, reissue, and other applications, make all assignments and rightful oaths, and generally do everything possible to aid **SEM AB**, its successors, assigns, and nominees to obtain and enforce proper protection for all said inventions and improvements in all

countries throughout the world.

AND, I hereby authorize a representative of Johnson, Marcou, and Isaacs, LLC, 317A East Liberty Street, Savannah, Georgia 31401, USA, to insert in the blank above the filing date and application number of the U.S. Patent Application when known.

This Assignment is expressly made NUNC PRO TUNC to have the same legal force and effect as if executed on May 7, 2014 (the filing date of the above-referenced international patent application).

In testimony whereof, I hereunto set my hand and seal the day and year opposite my respective signature.

Date: /5-11-0%

<u>Påggar Reig Mi</u> Jörgen bengtsson

Attorney Docket No.: HPAB-0170US

RECORDED: 11/06/2015

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