11/17/2017 504648014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4694735

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHRISTIAN ENGSTRÖM	10/13/2017

RECEIVING PARTY DATA

Name:	ROTOTEST INTERNATIONAL AB	
Street Address:	SALEMSVÄGEN 20	
City:	RÖNNINGE	
State/Country:	SWEDEN	
Postal Code:	S-144 40	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14370196

CORRESPONDENCE DATA

Fax Number: (202)420-2201

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: 202-420-2200

Email: WashingtonDocketing@Blankrome.com, cdelopez@blankrome.com

Correspondent Name: BLANK ROME LLP Address Line 1: 1825 EYE STREET, NW Address Line 4: WASHINGTON, D.C. 20006

ATTORNEY DOCKET NUMBER:	E0226.0274	
NAME OF SUBMITTER:	STEPHEN A. SOFFEN	
SIGNATURE:	/Stephen A. Soffen/	
DATE SIGNED:	11/17/2017	

Total Attachments: 4

source=assignment#page1.tif source=assignment#page2.tif source=assignment#page3.tif source=assignment#page4.tif

> **PATENT REEL: 044160 FRAME: 0596** 504648014

ASSIGNMENT BY INVENTOR

THIS ASSIGNMENT, made by Christian Engström (hereinafter referred to as Assignor), residing at Sommarliden 8, S-135 61 Tyresö, SWEDEN;

WHEREAS, Assignor has invented certain new and useful improvements in METHOD AND SYSTEM FOR MEASURING THE MASS FLOW BY MEANS OF DILUTION OF AN EXHAUST GAS FROM INTERNAL COMBUSTION, set forth in a Patent application for Letters Patent of the United States, already filed on July 1, 2014 as U.S. application No. 14/370,196; and

WHEREAS, Rototest International AB, a corporation organized under and pursuant to the laws of Sweden having its principal place of business at Salemsvägen 20, S-144 40 Rönninge, SWEDEN (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of compensation agreed upon separately, Assignors have sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property including all rights of priority, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

AND for the same consideration, Assignor hereby represents and warrants to Assignee, its successors, legal representatives and assigns, that, at the time of execution and

E0226.02741

D\$MDB-3274076 v1

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 owners 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 Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignor hereby covenants and agrees to and with Assignee, its successors, legal representatives and assigns, that Assignor will 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 any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignor hereby requests the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignor hereby grants 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:

DICKSTEIN SHAPIRO LLP

All practitioners at Customer Number 24998

E0226.0274²

DSMDB-3274076 v1

AND Assignor acknowledges an obligation of assignment of this invention to Assignee at the time the invention was made.

E0226.0274³

DSMDB-3274076 v1

13 Oct 2017 Date	Christian Engstrom
Witness: 13 Oct 2017 Date	Janykanlund
Witness: 13 Oct 2017 Date	Richard N