PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5687668

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARTEN DAHLBACK	08/12/2019
PER ARNELOF	08/19/2019
JORGEN FORSBERG	08/27/2019
DIETER SLAPAK	08/14/2019

RECEIVING PARTY DATA

Name:	SCANIA CV AB
Street Address:	151 87
City:	SODERTALJE
State/Country:	SWEDEN

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16481907

CORRESPONDENCE DATA

Fax Number: (212)382-0888

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: 2125960500

Email: lalesci@ostrolenk.com **Correspondent Name:** OSTROLENK FABER LLP Address Line 1: 845 THIRD AVENUE

Address Line 2: 8TH FL

Address Line 4: NEW YORK, NEW YORK 10022

ATTORNEY DOCKET NUMBER:	P/1228-567
NAME OF SUBMITTER:	ROBERT C. FABER
SIGNATURE:	/robert c faber/
DATE SIGNED:	08/27/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 4

source=02445757#page1.tif source=02445757#page2.tif

> **PATENT REEL: 050176 FRAME: 0206**

505640862

source=02445759#page1.tif source=02445759#page2.tif

> PATENT REEL: 050176 FRAME: 0207

		Attorney Docket Numbe	r	P/1228-567	
DECLARATION FOR UTILITY OF		First Named Inventor	Mår	ten DAHLBÄCK	
PATENT APPLICATION (37 CFR	1.63) AND	COMPLETE IF KNOWN			
ASSIGNMENT		Application Number			
		Filing Date			
	A GEARBOX	FOR VEHICLES			
As a below named inventor, I hereby declar This declaration is directed to: The attached application, OR United States application number of filed on 31 January 2018. The above-identified application was made I believe I am the original inventor or an analysis.	e that: r PCT Internatio de or authorized original joint inv	to be made by me.	tion in the appli	ication.	
I hereby acknowledge that any willful fal- fine or imprisonment of not more than five (se statement mad (5) years, or both	de in this declaration is p	unishable under	: 18 U.S.C. 1001 by	
WHEREAS, Scania CV AB, having a place of business at 151 87 Südertälje, Sweden, as assignee, is desirous of acquiring all right, title and interest in and to said invention and any Patent that may be granted therefor. NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, I (we), as inventor(s) and as assignor(s), hereby sell, assign and set over to said assignee the entire right, title and interest for the United States in and to said aforesaid application for Patent and all my (our) invention(s) disclosed and claimed in said aforesaid application, all original, divisional, continuation, substitute, reissue or reexamination applications and patents applied for or granted therefor in the United States and all rights for past infringement, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said invention(s) or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for myself (ourselves) and my (our) legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications for Patent on said invention(s) and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said invention(s), whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to assist assignee, its successors, assigns and nominees to obtain patent protection for said invention(s) in the United States, the expenses incident to said applications to be borne and paid by said assignee.					
LEGAL NAME OF SOLE OR FIRST INVENTOR Mårten DAHLBÄCK		INVENTOR'S SIGNATURE	DRS SIGNATURE (DATE 2019-08-12		
RESIDENCE: CITY	STATE	turning the same of the same o	COUNTRY		
Lidingö			Sweden		
машия address Liljevägen 8, 181 61 Lidingö, Swede	n			arte ar en arren de la lace de la cons ensación de la circle de la dela del aplace (ague, a _s a accesar, a	

IX CONTINUED ON PAGE 2

{02425510.1}

DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63) AND ASSIGNMENT

Attorney Docket Number

P/1228-567

WARNING:

Petitioner/applicant is cautioned to avoid submitting personal information in documents filled in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application numbers a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuence of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available. Petitioner/applicant is advised that documents which form the record of a patent application (such as the PTO/SB/01) are placed into the Privacy Act system of records DEPARTMENT OF COMMERCE, COMMERCE-PAT-7, System name: Patent Application Files. Documents not retained in an application file (such as the PTO-2038) are placed into the Privacy Act system of COMMERCE, COMMERCE-PAT-7. System name: Deposit Accounts and Electronic Funds Transfer Profiles.

	1/2 /2		2019-08-19			
STATE	haste kan in kan in til sammannannannannannannannannannannannanna	COUNTRY Sweden	duncania du cum commentario de la comme			
len	/					
ANY:	INVENTOR'S SIGNATURE July July		2019-08-27			
STATE		COUNTRY Sweden				
MAILING ADDRESS Vildkattens väg 7, 647 35 Mariefred, Sweden						
NY:	INVENTOR'S SIGNATURE		DATE			
STATE	Anna da Santa (En esta i sen duri da de dia	COUNTRY Sweden	. Bergenbergerstermen webstel at betrefen de betrefen de betrefen de betreen verschen betreen gebruik de betre			
MAILING ADDRESS Förvaltarvägen 20, 151 47 Södertälje, Sweden						
NY:	INVENTOR'S SIGNATURE		DATE			
STATE		COUNTRY	Activities to the state of the			
	and the second s					
NY:	INVENTOR'S SIGNATURE		DATE			
STATE		COUNTRY	American de la financia de la composição			
		katilaninin artikulari katilanin katilanin katilanin katilanin katilanin katilanin katilanin katilanin katilan	Antiquistant on a finite particular particular particular annihal antiquistant antiquistant conquesta de Laborat			
NY:	INVENTOR'S SIGNATURE	nterententententententententententententente	DATE			
STATE		COUNTRY	Consideration and the desire of the second s			
	len NY: STATE den NY: STATE STATE NY: STATE NY: STATE	Icen NY: INVENTOR'S SIGNATURE STATE Oden NY: INVENTOR'S SIGNATURE STATE NY: INVENTOR'S SIGNATURE STATE NY: INVENTOR'S SIGNATURE NY: INVENTOR'S SIGNATURE NY: INVENTOR'S SIGNATURE	Sweden Ien NY: INVENTOR'S SIGNATURE STATE COUNTRY Sweden COUNTRY STATE COUNTRY COUNTRY COUNTRY COUNTRY COUNTRY COUNTRY COUNTRY COUNTRY INVENTOR'S SIGNATURE COUNTRY NY: INVENTOR'S SIGNATURE			

Page 2

{02425510.1}

			n karkarikan karkarikan karkarikan karkarikan karkarikan karkarikan karkarikan karkarikan karkarikan karkarika		
		Attorney Docket Number	r	P/1228-567	
DECLARATION FOR UTILITY OF		First Named Inventor	Mår	ten DAHLBÄCK	
PATENT APPLICATION (37 CFR			MPLETE IF KNO		
ASSIGNMENT		Application Number		ere	
		Filing Date			
	A GEARBOX	FOR VEHICLES			
As a below named inventor, I hereby declar This declaration is directed to:		the Invention)	en e		
☐ The attached application, OR					
☑ United States application number of filed on 31 January 2018.	r PCT Internatio	nal application number <u>F</u>	PCT/SE2018/05	0069	
The above-identified application was made or authorized to be made by me. I believe I am the original inventor or an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.					
WHEREAS, Scania CV AB, having a pla	ace of business a	at <u>151 87 Södertälje, Sw</u>	eden, as assigno	ee, is desirous of	
acquiring all right, title and interest in and to	said invention	and any Patent that may	be granted there	efor.	
NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, I (we), as inventor(s) and as assignor(s), hereby sell, assign and set over to said assignee the entire right, title and interest for the United States in and to said aforesaid application for Patent and all my (our) invention(s) disclosed and claimed in said aforesaid application, all original, divisional, continuation, substitute, reissue or reexamination applications and patents applied for or granted therefor in the United States and all rights for past infringement, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said invention(s) or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for myself (ourselves) and my (our) legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications for Patent on said invention(s) and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said invention(s), whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to assist assignee, its successors, assigns and nominees to obtain patent protection for said invention(s) in the United States, the expenses incident to said applications to be borne and paid by said assignee.					
LEGAL NAME OF SOLE OR FIRST INVENTOR Mårten DAHLBÄCK		INVENTOR'S SIGNATURE		DATE	
RESIDENCE: CITY	STATE		COUNTRY		
Lidingö			Sweden		
^{MAILING ADDRESS} Liljevägen 8, 181 61 Lidingö, Swede	n	a apartuma na manana ka ka	and the second		

☑ CONTINUED ON PAGE 2

{02425510.1}

PATENT REEL: 050176 FRAME: 0210

DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63) AND ASSIGNMENT

Attorney Docket Number

P/1228-567

WARNING:

Petitioner/applicant is cautioned to avoid submitting personal information in documents filled in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider reducting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application if the application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available. Petitioner/applicant is advised that documents which form the record of a patent application (such as the PTO/SB/01) are placed into the Privacy Act system of records DEPARTMENT OF COMMERCE, COMMERCE-PAT-7, System name: Patent Application Files. Documents not retained in an application file (such as the PTO-2038) are placed into the Privacy Act system of COMMERCE-PAT - TM-10, System name: Deposit Accounts and Electronic Funds Transfer Profiles.

				es a fiser		
LEGAL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY: Per ARNELÖF		INVENTOR'S SIGNATURE		DATE		
RESIDENCE: CITY	STATE		COUNTRY			
Vendelsö	-		Sweden			
MAILING ADDRESS	· · · · · · · · · · · · · · · · · · ·	and the state of t	And the second s			
Albatrossvägen 5, 136 66 Vendelsö, Sw						
LEGAL NAME OF ADDITIONAL JOINT INVENTOR, I JÖRGEN FORSBERG	F ANY:	INVENTOR'S SIGNATURE		DATE		
RESIDENCE: CITY	STATE	and and a finite for the first of the first	COUNTRY			
Mariefred			Sweden			
MAILING ADDRESS	a, affirma a la					
Vildkattens väg 7, 647 35 Mariefred, Sv	weden			×		
LEGAL NAME OF ADDITIONAL JOINT INVENTOR, I	F ANY:	. INVENTOKS SIGNATURE	7	DATE		
Dieter SLAPAK		Diefen Slay	sole	1408 2019		
RESIDENCE: CITY	STATE		COUNTRY			
Södertälje			Sweden	والمراسلة والمرا		
MAILING ADDRESS						
Förvaltarvägen 20, 151 47 Södertälje, S						
LEGAL NAME OF ADDITIONAL JOINT INVENTOR, I	FANY:	INVENTOR'S SIGNATURE		DATE		
RESIDENCE: CITY	STATE	<u> </u>	COUNTRY			
		والمراقبة والمرا		والمراور وال		
MAILING ADDRESS						
LEGAL NAME OF ADDITIONAL JOINT INVENTOR, I	FANY:	INVENTOR'S SIGNATURE		DATE		
RESIDENCE: CITY	STATE		COUNTRY			
MAILING ADDRESS						
LEGAL NAME OF ADDITIONAL JOINT INVENTOR, I	F ANY:	INVENTOR'S SIGNATURE		DATE		
RESIDENCE; CITY	STATE	ndung Equation, again, again, agus na dar ha ing ing ann ing indinduntad indinduntad inferfert af after a farfamanda	COUNTRY	anagan kanan k		
MAILING ADDRESS			a, B _{arra} , a, and a contract of the state o	ارسوارها و موسورها بها مطابعها بها بها بها ما بعد بها موسودها بها بها در موسودها و الموسودها و الموسودها و الم -		

Page 2

{02425510.1}

PATENT REEL: 050176 FRAME: 0211

RECORDED: 08/27/2019