

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7611041

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the PLEASE CORRECT THE SECOND CONVEYING PARTY LAST NAME previously recorded on Reel 061395 Frame 0505. Assignor(s) hereby confirms the ASSIGNMENT.
CONVEYING PARTY DATA	
Name	Execution Date
VIJAI SHANKAR BHAVANI SHANKAR	09/29/2022
ARNE ANDERSSON	06/28/2022
FREDRIK RAHM	06/28/2022
TOVE AUDHAV	09/19/2022
RECEIVING PARTY DATA	
Name:	VOLVO TRUCK CORPORATION
Street Address:	405 08
City:	GÖTEBORG
State/Country:	SWEDEN
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17808144
CORRESPONDENCE DATA	
Fax Number:	(202)344-8300
<i>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.</i>	
Phone:	2023444000
Email:	ipdocketing@Venable.com, MCCoaxum@Venable.com, VGIP.patent@venable.com
Correspondent Name:	VENABLE LLP
Address Line 1:	600 MASSACHUSETTS AVENUE, NW
Address Line 4:	WASHINGTON, D.C. 20001
ATTORNEY DOCKET NUMBER:	138223.563519
NAME OF SUBMITTER:	JEFFRI A. KAMINSKI
SIGNATURE:	/Jeffri A. Kaminski/
DATE SIGNED:	10/26/2022
Total Attachments: 5	
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source=F_AssignmentSigned_Andersson#page1.tif

source=F_AssignmentSigned_RAHM#page1.tif

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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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CORRECTIVE ASSIGNMENT

EPAS ID: PAT7586767

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
VIJAI SHANKAR BHAVANI SHANKAR	09/29/2022
ARNE ANDERSON <u>ANDERSSON</u>	06/28/2022
FREDRIK RAHM	06/28/2022
TOVE AUDHAV	09/19/2022
RECEIVING PARTY DATA	
Name:	VOLVO TRUCK CORPORATION
Street Address:	405 08
City:	GÖTEBORG
State/Country:	SWEDEN
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17808144
CORRESPONDENCE DATA	
Fax Number:	(202)344-8300
<i>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.</i>	
Phone:	2023444000
Email:	ipdocketing@Venable.com, MCCoaxum@Venable.com, VGIP.patent@venable.com
Correspondent Name:	VENABLE LLP
Address Line 1:	600 MASSACHUSETTS AVENUE, NW
Address Line 4:	WASHINGTON, D.C. 20001
ATTORNEY DOCKET NUMBER:	138223.563519
NAME OF SUBMITTER:	JEFFRI A. KAMINSKI
SIGNATURE:	/Jeffri A. Kaminski/
DATE SIGNED:	10/12/2022
Total Attachments: 4	
source=F_AssignmentSigned_BHAVANI SHANKAR#page1.tif	
source=F_AssignmentSigned_Andersson#page1.tif	
source=F_AssignmentSigned_RAHM#page1.tif	

ASSIGNMENT

THIS ASSIGNMENT, by Vijai Shankar BHAVANI SHANKAR, Arne ANDERSSON, Fredrik RAHM, and Tove AUDHAV (hereinafter referred to collectively as the Assignors), witnesseseth:

WHEREAS, said Assignors have invented certain new and useful improvements in a: A COOLING SYSTEM, AND A METHOD OF CONTROLLING A COOLING SYSTEM, set forth in a non-provisional application filed as US Application No. 17/808,144, filed on June 22, 2022, and claiming priority to European Application No. 21182459.4, filed June 29, 2021.

WHEREAS, Volvo Truck Corporation, a Swedish corporation having a business address of 405 08, Göteborg, Sweden (hereinafter ASSIGNEE), is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto said assignee, its successors, legal representatives and assigns, assignors' interest in the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, or reissues or 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 said 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 or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignors are the lawful owners of the entire right, title and interest in and to said invention and the application for Letters Patent above mentioned, and that the same is unencumbered and that said 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, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue or extension of any Letters Patent, 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 for said inventions, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

(Date) 29/09/22 (Signature) Vijai Shankar
Vijai Shankar BHAVANI SHANKAR

(Date) _____ (Signature) _____
Arne ANDERSSON

(Date) _____ (Signature) _____
Fredrik RAHM

(Date) _____ (Signature) _____
Tove AUDHAV

ASSIGNMENT

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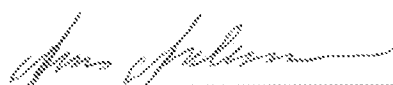
AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue or extension of any Letters Patent, 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 for said inventions, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

(Date) _____

(Signature) _____

Vijai Shankar BHAVANI SHANKAR

(Date) 2022-06-22

(Signature) 

Arne ANDERSSON

(Date) _____

(Signature) _____

Fredrik RAHM

(Date) _____

(Signature) _____

Tove AUDHAV

PATENT

REEL: 061777 FRAME: 0461

ASSIGNMENT

THIS ASSIGNMENT, by Vijai Shankar BHAVANI SHANKAR, Arne ANDERSSON, Fredrik RAHM, and Tove AUDHAV (hereinafter referred to collectively as the Assignors), witnesseth:

WHEREAS, said Assignors have invented certain new and useful improvements in a: A COOLING SYSTEM, AND A METHOD OF CONTROLLING A COOLING SYSTEM, set forth in a non-provisional application filed as US Application No. 17/808,144, filed on June 22, 2022, and claiming priority to European Application No. 21182459.4, filed June 29, 2021.

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(Date) _____ (Signature) _____
Vijai Shankar BHAVANI SHANKAR

(Date) _____ (Signature) _____
Arne ANDERSSON

(Date) June 28th 2022 (Signature)  _____
Fredrik RAHM

(Date) _____ (Signature) _____
Tove AUDHAV

ASSIGNMENT

THIS ASSIGNMENT, by Vijai Shankar BHAVANI SHANKAR, Arne ANDERSSON, Fredrik RAHM, and Tove AUDHAV (hereinafter referred to collectively as the Assignors), witnesseth:

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(Date) _____

(Signature) _____

Vijai Shankar BHAVANI SHANKAR

(Date) _____

(Signature) _____

Arne ANDERSSON

(Date) _____

(Signature) _____

Fredrik RAHM

(Date) 19-Sep-2022 _____

(Signature) _____

Tove AUDHAV

Tove Audhav

PATENT

RECORDED: 10/26/2022

REEL: 061777 FRAME: 0463