PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7803344

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ARNOUT R. L. DE MARE	06/04/2021
JEROME JANSSENS	06/14/2021
MARK M.A. MAESSEN	06/07/2021
KEIVAN SHARIATMADAR	03/27/2018
MARK R.J. VERSTEYHE	06/07/2021
THOMAS J. VYNCKE	05/31/2021

RECEIVING PARTY DATA

Name:	DANA BELGIUM N.V.
Street Address:	TEN BRIELE 3, SINT-MICHIELS
City:	BRUGGE, FLANDERS
State/Country:	BELGIUM
Postal Code:	8200

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16305542

CORRESPONDENCE DATA

Fax Number: (971)271-8021

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: 9712718020

Email: mcrdanapatents@mccrus.com

Correspondent Name: MCCOY RUSSELL LLP

Address Line 1: 1410 NW JOHNSON ST. SUITE 201

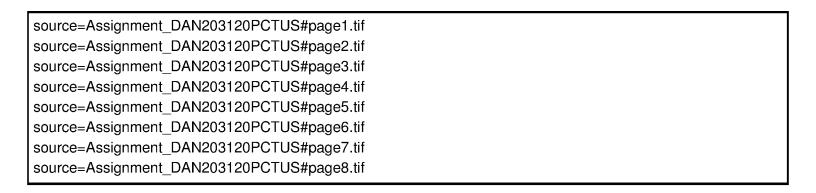
Address Line 4: PORTLAND, OREGON 97209

ATTORNEY DOCKET NUMBER:	DAN203120PCTUS/81141595
NAME OF SUBMITTER:	DAWSON FINLEY
SIGNATURE:	/Dawson Finley/
DATE SIGNED:	02/17/2023

Total Attachments: 8

PATENT REEL: 062732 FRAME: 0613

507756210



ASSIGNMENT AND DECLARATION (37 C.F.R. 1.63) FOR UTILITY, PROVISIONAL OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76)

Title of Invention	METHOD OF SHIFTING A VEHIC	LE TRANSMISSION
This declaration is directed to:		
The attached application, or United States application or PCT international application number 16/305,542 filed on November 29, 2018 (I hereby authorize the insertion of the application filing date and number into this form when they become known.)		
The above-identified app	lication was made or authorized to be made by me	e.
I hereby state that I have including the claims.	reviewed and understand the contents of the sp	ecification in the above-identified application,
I believe that I am the ori	ginal inventor or an original joint inventor of a cla	aimed invention in the application.
I am aware of the duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.		
application and the national or PCT international filing date of the continuation-in-part application. Pursuant to my employment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto Dana Belgium N.V. (organized and existing by virtue of the laws of Belgium, and having its principal place of business at Brugge, Province of West Flanders, and Region of Flanders), a Dana Incorporated subsidiary (Dana Incorporated organized and existing by virtue of the laws of the State of Delaware, having its principal place of business at Maumee, County of Lucas, and State of Ohio), hereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and interest, domestic and foreign, in and to the inventions and discoveries in the above-identified invention including the right of the ASSIGNEE, its successors, assigns or other legal representatives to make applications and to receive Letters Patent for the inventions and discoveries in any and all countries, entities and intergovernmental organizations, in its or their own name or names, or in my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to insert the serial/application number and filing date of the application to receive Letters Patent herein: Serial No. 16/305,542 , Filing Date November 29, 2018), and I hereby sell, assign and set over to the ASSIGNEE, its successors, assigns or other legal representatives, all rights of priority, including any provisional applications, in and to the inventions and discoveries in any and all countries, entities and intergovernmental organizations including all applications claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, reexaminations and reissue applications. And I hereby agree for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, including applications for Letters Patent of any and all kinds and in any an		
And I hereby represent and warrant that I have not granted any rights inconsistent with the rights granted herein. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine		
LEGAL NAME OF INV	nore than five (5) years or both.	
	. DE MARE	_ _{Date:} <u>04-06-2021</u>
Signature: /Arnou	t R. L. De Maré/	
Note: An Application Data	Sheet (PTO/SB/14 or equivalent), including naming th	e entire inventive entity, must accompany this form.
	n form for each additional inventor.	• • •

Attorney	Daalrat	Mirranala
AHATHEV	THACKEL	NHHHHE

DAN203120PCTUS/81141595

ASSIGNMENT AND DECLARATION (37 C.F.R. 1.63) FOR UTILITY, PROVISIONAL OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76)

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I hereby state that I have including the claims.	reviewed and understand the contents of	the specification in	the above-identified application,
I believe that I am the ori	ginal inventor or an original joint inventor	of a claimed inventi	on in the application.
I am aware of the duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.			
Pursuant to my employment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto Dana Belgium N.V. (organized and existing by virtue of the laws of Belgium, and having its principal place of business at Brugge, Province of West Flanders, and Region of Flanders), a Dana Incorporated subsidiary (Dana Incorporated organized and existing by virtue of the laws of the State of Delaware, having its principal place of business at Maumee, County of Lucas, and State of Ohio), hereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and interest, domestic and foreign, in and to the inventions and discoveries in the above-identified invention including the right of the ASSIGNEE, its successors, assigns or other legal representatives to make applications and to receive Letters Patent for the inventions and discoveries in any and all countries, entities and intergovernmental organizations, in its or their own name or names, or in my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to insert the serial/application number and filing date of the application to receive Letters Patent herein: Serial No. 16/305,542 , Filing Date November 29, 2018), and I hereby sell, assign and set over to the ASSIGNEE, its successors, assigns or other legal representatives, all rights of priority, including any provisional applications, in and to the inventions and discoveries in any and all countries, entities and intergovernmental organizations including all applications claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, reexaminations and reissue applications. And I hereby agree for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, including applications for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental organizations, and to perform any and all acts which the			
may deem necessary to secure thereto the rights herein sold, assigned and set over.			
And I hereby represent and warrant that I have not granted any rights inconsistent with the rights granted herein. 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 m	ore than five (5) years or both.	ectaration is punisha	able under 18 U.S.C. 1001 by fine
LEGAL NAME OF INVI		Date:	14 June 2021
Signature: /Jérôm	e Janssens/		
Note: An Application Data	Sheet (PTO/SB/14 or equivalent), including na	ming the entire inventi	ive entity, must accompany this form.
	n form for each additional inventor	<i>5</i>	5 / r · J · · · ·

Attorney Docket Number	DAN203120PCTUS/81141595

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I hereby state that I have including the claims.	reviewed and understand the contents of the sp	pecification in the above-identified application,	
I believe that I am the ori	ginal inventor or an original joint inventor of a c	laimed invention in the application.	
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application and the national or PCT international filing date of the continuation-in-part application. Pursuant to my employment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto Dana Belgium N.V. (organized and existing by virtue of the laws of Belgium, and having its principal place of business at Brugge, Province of West Flanders, and Region of Flanders), a Dana Incorporated subsidiary (Dana Incorporated organized and existing by virtue of the laws of the State of Delaware, having its principal place of business at Maumee, County of Lucas, and State of Ohio), hereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and interest, domestic and foreign, in and to the inventions and discoveries in the above-identified invention including the right of the ASSIGNEE, its successors, assigns or other legal representatives to make application and to receive Letters Patent for the inventions and discoveries in any and all countries, entities and intergovernmental organizations, in its or their own name or names, or in my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to insert the serial/application number and filing date of the application to receive Letters Patent herein: Serial No. 16/305,542 , Filing Date November 29, 2018 , and I hereby sell, assign and set over to the ASSIGNEE, its successors, assigns or other legal representatives, all rights of priority, including any provisional applications, in and to the inventions and discoveries in any and all countries, entities and intergovernmental organizations, in examinations and reissue applications. And I hereby agree for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, including applications for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental organizations, and to perform any and all acts which the ASSIGNEE, its suc			
And I hereby represent and warrant that I have not granted any rights inconsistent with the rights granted herein. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine			
	nore than five (5) years or both.	non is pullishable under 10 0.5.C. 1001 by fille	
LEGAL NAME OF INVI		Data: 2021-06-07	
	MAESSEN	Date:	
Signature:	ralsson		
	Sheet (PTO/SB/14 or equivalent), including naming to	he entire inventive entity, must accompany this form.	

ASSIGNMENT OF INVENTION

For: x U.S. and/or Foreign Rights
For: x U.S. Application
By: x Inventors or Present Owner

For good and valuable consideration, the receipt of which is hereby acknowledged,

ASSIGNORS:	Inventors or persons or entities who own the invention
Arnout R. L. De Maré Oude Baan 40 3370 Roosbeek Belgium	Belgium Nationality
Jerome Janssens Vieux Chemin de Hal 29 1440 Braine-le-Chateau Belgium	Belgium Nationality
Mark M. A. Maessen Florasingel 59 6043 WC Roermond Netherlands	Netherlands Nationality
Keivan Shariatmadar Euromarkstraat 10 9900 Eeklo Belgium	Islamic Republic of Iran Nationality
Mark R. J. Versteyhe Rivierstraat 7 8020 Oostkamp Belgium	Belgium Nationality
Thomas J. Vyncke Bulkenhof 4 9800 Deinze Belgium	Belgium Nationality
hereby sell, assign and transfer to	
ASSIGNEE:	
DANA BELGIUM N.V. Ten Briele 3 Sint-Michiels 8200 Brugge Belgium	a corporation of Belgium Nationality

1

and the successors, assigns and legal representatives of the ASSIGNEE, their entire right, title
and interest, for the United States and its territorial possessions, and in all foreign countries,
including all rights to claim priority, in and to any and all improvements which are disclosed in the
invention entitled: Method of Shifting a Vehicle Transmission
Name of inventors: Arnout R. L. De Maré, Jerome Janssens, Mark M. A. Maessen,
Keivan Shariatmadar, Mark R. J. Versteyhe, and Thomas J. Vyncke
which is found in U.S. patent application No. <u>16/305,542</u> filed under 35 USC 371 on
November 29, 2018 , of PCT International Application No. PCT/EP2017/063010 filed
May 30, 2017, which claims priority of EP Application No. 16172049.5 filed on May 30, 2016;
X To comply with 37 CFR 3.21 for recordal of this assignment, We/l, the
Assignor(s) signing below, hereby authorize and request my/our attorney
to insert the filing date and application number when they become known.

and any legal equivalent thereof in a foreign country, including the right to claim priority, and in and to, all Letters Patent to be obtained for said invention by the above application, for the United States of America and its territorial possessions and any other foreign country or countries that may be granted to them therefor, and any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof;

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNORS agree that this Assignment may be executed in one or more counterparts, each of which shall be deemed to be an original and all of which together shall be deemed to constitute one and the same instrument.

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

ASSIGNORS

Date:		
		ARNOUT R. L. DE MARÉ
Date:		JEROME JANSSENS
Date:		
		MARK M. A. MAESSEN
Date:	271312018	A second
		KEIVAN SHARIATMADAR
		The state of the s
Date: _		MARK R. J. VERSTEYHE
		SOUTH CICKLES (D. C.
Date: _		THOMAS I VYNCKE

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized, then it will only be prima facie evidence of execution, 35 U.S.C. 261.

Title of Invention

Attorney Docket Number | DAN203120PCTUS/81141595

ASSIGNMENT AND DECLARATION (37 C.F.R. 1.63) FOR UTILITY, PROVISIONAL OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76)

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And I hereby agree for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, including applications for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental organizations, and to perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives may deem necessary to secure thereto the rights herein sold, assigned and set over.
And I hereby represent and warrant that I have not granted any rights inconsistent with the rights granted herein.
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 up to than five (3) years or both.
LEGAL NAME OF INVENTOR // Date: 7 / Lan. 2,21
Inventor: Marie R.A. VEUSTERATE / Date: 7 June 2021 Signature: //////
Note: An Application Data Styke (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use an additional declaration form for each additional inventor.

RECORDED: 02/17/2023

Attorney Docket Number DAN203120PCTUS/81141595

ASSIGNMENT AND DECLARATION (37 C.F.R. 1.63) FOR UTILITY, PROVISIONAL OR **DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76)**

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LEGAL NAME OF INVI	3 I M/2W 2012 I		
	as J. Vyncke/		
Note: An Application Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use an additional declaration form for each additional inventor.			