505717708 10/10/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5764519

SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT		
CONVEYING PARTY D	ΑΤΑ			
		Name	Execution Date	
SRINIVASA PERUMAL	RENGASA	AMY	09/20/2019	
RECEIVING PARTY DA	TA			
Name:	ARVINM	ARVINMERITOR TECHNOLOGY, LLC		
Street Address:	2135 WE	EST MAPLE ROAD		
City:	TROY			
State/Country:	MICHIG	AN		
Postal Code:	48084			
Property Type		Number		
		0500507		
Application Number:	1	6598567		
Application Number:	1	6598567		
Application Number:		6598567		
CORRESPONDENCE D	DATA (2	248)358-3351		
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Attorney Docket Number MERIT 180047 PUS

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

As a below named inventor, I hereby declare that: This declaration is directed to: Image: the stacked application or PCT international application number 16,2019 [1,10,2019] [1,10,201	Title of Invention	VEHICLE DRIVETRAIN DIFFERENTIAL ASSEMBLY
The attached application, or United States application or PCT international application number <u>19(598,567</u>	As a below named inv	entor, I hereby declare that:
United States application or PCT international application number [] hereby authorize the 16/598.567 filed on October 10, 2019 insertion of the application filing date and number when they become known.) [] hereby authorize the The above-identified application was made or authorized to be made by me. [] I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims. I am aware of the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material in patentability as defined in 37 C.F.R. § 1.56. NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I do hereby assign, self and set over to ArvinMeritor Technology, LLC, a limited hiability company organized and existing under the laws of the state of Delaware, and having a place of business at 2135 West Maple Road, Troy, Michigan 48034, hereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representatives, mether right infe and discoveries in in a do social in and to sci in all dosticitions and discoveries in all orreceive Letters Patent for said inventions and discoveries in all ost were is and ASSIGNEE, its successors, assigns or other legal representatives, all rights of priority, including any provisional application in and to said inventions and discoveries in all contricts, including all applications claiming benefit of the filling date here continuations, continuations-in-part, divisionals, reexaminations and reissue applications.	This declaration is dire	octed to:
16/598.667 filed on October 10, 2019 (I hereby authorize the insertion of the application filing date and number when they become known.) The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application, I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims. I am aware of the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material is patentability as defined in 37 C.F.R. § 1.56. NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I do hereby assign, sell ans set over to ArvinMeritor Technology, LLC, a limited fiability company organized and existing under the laws of the state of business at 2135 West Maple Road, Troy, Michigan 48084, hereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representatives, my entire right, title and interest, domestic and foreign, in and the inventions and discoveries in the above-identified application including the right of said ASSIGNEE, its successors, assigns or other legal representatives, all rights of priority, including any provisional applications in and ot said inventions. And I hereby agree for myself, my heirs, successors, assigns or other legal representatives may deal countions for Letters Patent of any and all kinds and in any and all countries on the reght are successors, assigns or other legal representatives and the secary to secure thereto the rights herein assignes or other legal representatives and the reference to a state asset applications for Letters Patent of any and all countries, including all app	🖾 The	attached application, or
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims. I am aware of the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material in patentability as defined in 37 C.F.R. § 1.56. NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I do hereby assign, sell an set over to ArvinMeritor Technology, LLC, a limited liability company organized and existing under the laws of the state of Delaware, and having a place of business at 2135 West Maple Road, Troy, Michigan 48084, hereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representatives, my entire right, title and interest, domestic and foreign, in and the inventions and discoveries in alt bove-identified application including the right of said ASSIGNEE, its successors, assigns or other legal representatives, all rights of priority, including any provisional application in and to said inventions and discoveries in all countries, including all applications. And I hereby agree for myself, my heirs, successors, assigns or other legal representatives may deem necessary to secure thereto the rights herein assigne soft any and all kinds and in any and all countries in alto secure any and all papers, includin applications for Letters Patent of any and all kinds and in any and all countries and to perform any and all acts which said ASSIGNEE, its successors, assigns or other legal representatives may deem necessary to secure thereto the rights herein assignee soft and set over. And I hereby agree for myself, my heirs, successors, assigns or other legal representatives and to perform any and all acts which said 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		16/598.567 filed on October 10, 2019 (I hereby authorize the
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I am aware of the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material in patentability as defined in 37 C.F.R. § 1.56. NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I do hereby assign, sell and set over to ArvinMeritor Technology, LLC, a limited liability company organized and existing under the laws of the state of Delaware, and having a place of business at 2135 West Maple Road, Troy, Michigan 48084, hereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representatives, my entire right, tile and interest, domestic and foreign, in and the inventions and discoveries in the above-identified application including the right of said ASSIGNEE, its successors, assigns or other legal representatives, all rights of priority, including any provisional application in and to said inventions and discoveries in all countries, including all applications. Continuations, continuations-in-part, divisionals, reexaminations and reissue applications. And I hereby agree for myself, my heirs, successors, assigns or other legal representatives may deem necessary to secure thereto the rights herein assignes of the regal representatives may deem necessary to secure thereto the rights herein assignes of the regal representatives may deem necessary to secure thereto the rights herein assignes or other legal representatives may deem necessary to secure thereto the rights herein assignes or dot. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine of imprisonment of not more than five (5) years or both. LEGAL NAME OF INVENTOR Neventor: Srinivasa Perumal Rengasamy Date: Secure Advector Dat	I believe that I am the	original inventor or an original joint inventor of a claimed invention in the application.
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applications for Letters Patent of any and all kinds and in any and all countries and to perform any and all acts which said ASSIGNEE, its successors, assigns or other legal representatives may deem necessary to secure thereto the rights herein assigned sold 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 of imprisonment of not more than five (5) years or both. LEGAL NAME OF INVENTOR Inventor: Srinivasa Perumal Rengasamy Date: Secure Renges Perumal Rengasamy Renges Renge Renge Renges Renge R	set over to ArvinMer Delaware, and having ASSIGNEE, its succe, the inventions and dis other legal representa foreign countries in its said ASSIGNEE, its s in and to said invent:	itor Technology, LLC, a limited liability company organized and existing under the laws of the state of a place of business at 2135 West Maple Road, Troy, Michigan 48084, hereinafter referred to as the score, assigns or other legal representatives, my entire right, title and interest, domestic and foreign, in and t coveries in the above-identified application including the right of said ASSIGNEE, its successors, assigns of tives to make applications and to receive Letters Patent for said inventions and discoveries in any and a cor their own name or names, or in my name, at its or their election, and I hereby assign, sell and set over t uccessors, assigns or other legal representatives, all rights of priority, including any provisional application ons and discoveries in all countries, including all applications claiming benefit of the filing date hereor
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine of imprisonment of not more than five (5) years or both. LEGAL NAME OF INVENTOR Inventor: Srinivasa Perumal Rengasanty Signature: R. Schwarz Renge	applications for Lette ASSIGNEE, its succe	rs Patent of any and all kinds and in any and all countries and to perform any and all acts which sai
imprisonment of not more than five (5) years or both. LEGAL NAME OF INVENTOR Inventor: Srinivasa Perumal Rengasamy Date: Sep. 20, 2319 Signature: R. Sandona Rengasamy	And I hereby represen	and warrant that I have not granted any rights inconsistent with the rights granted herein.
Inventor: <u>Srinivasa Perumal Rengasamy</u> Date: <u>Sep. 20, 20, 9</u> Signature: <u>R. Granivana Panna</u>		
Signature: <u>R. Grininga Benna</u>	LEGAL NAME OF P	VENTOR
Page 1 of 1 (Supplemental Sheet with Additional Joint Inventors is attached if necessary)	Inventor: <u>Srinivs</u> Signature:	sa Perumai Rengasany Date: <u>326, 20, 2019</u> R. Gravinna Renad
	Page 1 of 1 (Suppleme	ental Sheet with Additional Joint Inventors is atlached if necessary)

RECORDED: 10/10/2019