505837491 12/26/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5884425

SUBMISSION TYPE:			NEW ASSIGNMENT					
		ASSIGNMENT						
CONVEYING PARTY	DATA		N I					
			Name		Execution Date			
PETER WOODHEAD				08/24/2018				
MARKO PREGELJ					05/24/2018			
NILESH PATIL					08/24/2018			
RECEIVING PARTY D	ΑΤΑ							
Name:	EMER	SON V	VULCAN HOLDING LLC	JLCAN HOLDING LLC				
Street Address:	8100 V	8100 WEST FLORISSANT AVE.						
City:	ST. LC	ST. LOUIS						
State/Country:	MISSC	MISSOURI						
Postal Code:	63136	63136						
Property Type		0000	Number					
Property Type			Number					
Application Number:		2963	4982					
CORRESPONDENCE	DATA							
Fax Number: (312)474-0448								
			e-mail address first; if that is uns hat is unsuccessful, it will be ser					
Phone:	•	3124	46300					
Email:			e@marshallip.com					
•			SHALL, GERSTEIN & BORUN LLP					
			. WACKER DRIVE					
Address Line 4:	CHICAGO, ILLINOIS 60606							
ATTORNEY DOCKET NUMBER:			06005/313960					
NAME OF SUBMITTER:			RICHARD M. LABARGE					
SIGNATURE:			/rmlabarge/					
DATE SIGNED:			12/26/2019					
Total Attachments: 6								
source=DOCS-#529977	′4-v1-3139	60_A	ssignment#page1.tif					
source=DOCS-#529977								
source=DOCS-#529977								
source=DOCS-#529977	′4-v1-3139	60_A	ssignment#page4.tif					

source=DOCS-#5299774-v1-313960_Assignment#page5.tif source=DOCS-#5299774-v1-313960_Assignment#page6.tif

ASSIGNMENT

Appl. No.: 29/634,982

Filed: January 26, 2018

Title: Disk Brake Assembly

For good and valuable consideration, the receipt and sufficiency of which are hereby agreed. Peter Woodhead, Marko Pregelj, and Nilesh Patil ("Assignor") agrees to assign and hereby does assign to Emerson Vulcan Holding LLC, 8100 West Florissant Ave., St. Louis, Missouri 63136 ("Assignee") all rights, title, and interests in and to the inventions that are disclosed in the application listed above (the "Application") including, but without limitation, all rights:

(i) in and to the Application and all other applications anywhere in the world that have been or may be filed on said inventions and/or naming Assignor as an inventor of said inventions.

(ii) in and to all patents issuing on any of the foregoing,

(iii) in and to all reissues, reexaminations, supplemental examinations, inter partes reviews, oppositions, post-grant reviews, supplementary protection certificates, and/or extensions of any of the foregoing.

(iv) to bring suit, the right to claim and retain all damages and/or seek other remedies for the past, present, and future infringement and/or misappropriation of any of the foregoing, and

(v) of priority including, but without limitation, the right to claim priority benefit of or to the Application and all of the foregoing.

Assignor requests the Commissioner for Patents in the United States and similar authorities outside the United States to issue said patents to and in the name of Assignee or its designee. Assignor authorizes the attorneys of record in the application to insert in this assignment the filing date and application number of the Application when officially known. Assignor:

(a) declares: (1) The application was made or authorized to be made by me, (2) I believe myself, as a named inventor, to be the original inventor or an original joint inventor of a claimed invention in the Application and I understand that any willful false statement made by me in this paragraph is punishable under 18 U.S.C. §1001 by fine or imprisonment of not more than five years, or both;

(b) warrants except in favor of Assignee. (1) Assignor is the owner of all its rights, title and interests herein assigned and has the right to make this unconditional and irrevocable

060067313960708

MARSHALL, GERSTEIN & BORUN LLP, 233 S. Wacker Drive, 6300 Willis Tower, Chicago, Illinois 60606-6357

assignment to Assignee without obtaining any approval or permission of a third party; and (2) there are no outstanding encumbrances, liens, prior assignments, licenses, or other obligations or restrictions on the rights, title and interests herein assigned; and

(c) agrees to execute, upon the request of Assignee or its designee at no expense to Assignor, all applications or documents related to the inventions including, but without limitation, any oath, declaration, or affidavit relating thereto that Assignee may deem necessary or expedient, and to fully cooperate with Assignee and/or its designee to perform all affirmative acts requested to prepare, file, prosecute, maintain, defend, enforce, and vest in Assignee the rights, title, and interests assigned herein whereby said rights, title and interests will be held and enjoyed by Assignee or its designee to the full end of the term for which the intellectual property rights herein may be available as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment had not been made.

Date: <u>24 Aur 2018</u>	Signature:	Péter Woodhead
Date:	Signature	Marko Pregelj
Date:	Signature	Nilesh Patil

00005/313960A35

ASSIGNMENT

Appl. No.: 29/634,982

Filed: January 26, 2018

Title: Disk Brake Assembly

For good and valuable consideration, the receipt and sufficiency of which are hereby agreed. Peter Woodhead, Marko Pregelj, and Nilesh Patil ("Assignor") agrees to assign and hereby does assign to Emerson Vulcan Holding LLC, 8100 West Florissant Ave., St. Louis, Missouri 63136 ("Assignee") all rights, title, and interests in and to the inventions that are disclosed in the application listed above (the "Application") including, but without limitation, all rights:

(i) in and to the Application and all other applications anywhere in the world that have been or may be filed on said inventions and/or naming Assignor as an inventor of said inventions.

(ii) in and to all patents issuing on any of the foregoing,

(iii) in and to all reissues, reexaminations, supplemental examinations, inter partes reviews, oppositions, post-grant reviews, supplementary protection certificates, and/or extensions of any of the foregoing.

(iv) to bring suit, the right to claim and retain all damages and/or seek other remedies for the past, present, and future infringement and/or misappropriation of any of the foregoing, and

(v) of priority including, but without limitation, the right to claim priority benefit of or to the Application and all of the foregoing.

Assignor requests the Commissioner for Patents in the United States and similar authorities outside the United States to issue said patents to and in the name of Assignee or its designee. Assignor authorizes the attorneys of record in the application to insert in this assignment the filing date and application number of the Application when officially known. Assignor:

(a) declares: (1) The application was made or authorized to be made by me, (2) I believe myself, as a named inventor, to be the original inventor or an original joint inventor of a claimed invention in the Application and I understand that any willful false statement made by me in this paragraph is punishable under 18 U.S.C. §1001 by fine or imprisonment of not more than five years, or both;

(b) warrants except in favor of Assignee. (1) Assignor is the owner of all its rights, title and interests herein assigned and has the right to make this unconditional and irrevocable

060067313960708

MARSHALL, GERSTEIN & BORUN LLP, 233 S. Wacker Drive, 6300 Willis Tower, Chicago, Illinois 60606-6357

assignment to Assignee without obtaining any approval or permission of a third party; and (2) there are no outstanding encumbrances, liens, prior assignments, licenses, or other obligations or restrictions on the rights, title and interests herein assigned, and

(c) agrees to execute, upon the request of Assignee or its designee at no expense to Assignor, all applications or documents related to the inventions including, but without limitation, any oath, declaration, or affidavit relating thereto that Assignee may deem necessary or expedient, and to fully cooperate with Assignee and/or its designee to perform all affirmative acts requested to prepare, file, prosecute, maintain, defend, enforce, and vest in Assignee the rights, title, and interests assigned herein whereby said rights, title and interests will be held and enjoyed by Assignee or its designee to the full end of the term for which the intellectual property rights herein may be available as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment had not been made.

Date:		Signature	Peter Woodhead
Date	24/05/2018	Signature:	Marko Pregelj
Date:	·····	Signature:	Nilesh Patil

06005/313360/US

ASSIGNMENT

Appl. No.: 29/634,982

Filed: January 26, 2018

Title: Disk Brake Assembly

For good and valuable consideration, the receipt and sufficiency of which are hereby agreed, Peter Woodhead, Marko Pregelj, and Nilesh Patil ("Assignor") agrees to assign and hereby does assign to Emerson Vulcan Holding LLC, 8100 West Florissant Ave., St. Louis, Missouri 63136 ("Assignee") all rights, title, and interests in and to the inventions that are disclosed in the application listed above (the "Application") including, but without limitation, all rights:

 (i) in and to the Application and all other applications anywhere in the world that have been or may be filed on said inventions and/or naming Assignor as an inventor of said inventions.

(ii) in and to all patents issuing on any of the foregoing,

(iii) in and to all reissues, reexaminations, supplemental examinations, inter partes reviews, oppositions, post-grant reviews, supplementary protection certificates, and/or extensions of any of the foregoing,

(iv) to bring suit, the right to claim and retain all damages and/or seek other remedies for the past, present, and future infringement and/or misappropriation of any of the foregoing, and

(v) of priority including, but without limitation, the right to claim priority benefit of or to the Application and all of the foregoing.

Assignor requests the Commissioner for Patents in the United States and similar authorities outside the United States to issue said patents to and in the name of Assignee or its designee. Assignor authorizes the attorneys of record in the application to insert in this assignment the filing date and application number of the Application when officially known. Assignor:

(a) declares: (1) The application was made or authorized to be made by me, (2) I believe myself, as a named inventor, to be the original inventor or an original joint inventor of a claimed invention in the Application and I understand that any willful false statement made by me in this paragraph is punishable under 18 U.S.C. §1001 by fine or imprisonment of not more than five years, or both;

(b) warrants except in favor of Assignee: (1) Assignor is the owner of all its rights, title and interests herein assigned and has the right to make this unconditional and irrevocable

06005/313980/US

assignment to Assignee without obtaining any approval or permission of a third party; and (2) there are no outstanding encumbrances, liens, prior assignments, licenses, or other obligations or restrictions on the rights, title and interests herein assigned; and

(c) agrees to execute, upon the request of Assignee or its designee at no expense to Assignor, all applications or documents related to the inventions including, but without limitation, any oath, declaration, or affidavit relating thereto that Assignee may deem necessary or expedient, and to fully cooperate with Assignee and/or its designee to perform all affirmative acts requested to prepare, file, prosecute, maintain, defend, enforce, and vest in Assignee the rights, title, and interests assigned herein whereby said rights, title and interests will be held and enjoyed by Assignee or its designee to the full end of the term for which the intellectual property rights herein may be available as fully and entirely as the same would have been held and enjoyed by Assigner if this assignment had not been made.

Date:	Signature:	
		Peter Woodhead
Date:	Signature:	
	 2	Marko Pregelj
		STR EN
Date:	Signature:	VARY
-	 -	Nilesh Patil

06005/010960/US

RECORDED: 12/26/2019