

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4466450

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
KRAIG E. GERBER	06/15/2017
MANUEL BARBOSA	06/15/2017
CHANGMING WU	06/16/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	KELSEY-HAYES COMPANY
<b>Street Address:</b>	12025 TECH CENTER DRIVE
<b>City:</b>	LIVONIA
<b>State/Country:</b>	MICHIGAN
<b>Postal Code:</b>	48150
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15039495
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(419)255-9639
<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>	
<b>Phone:</b>	419-255-5900
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<b>ATTORNEY DOCKET NUMBER:</b>	1-55460
<b>NAME OF SUBMITTER:</b>	DOUGLAS V. PAVELKO
<b>SIGNATURE:</b>	/Douglas V. Pavelko/
<b>DATE SIGNED:</b>	06/19/2017
<b>Total Attachments: 2</b>	
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source=049_55460_Assignment_P13-016323-US-NP#page2.tif	

ASSIGNMENT

WHEREAS, We, Kraig E. Gerber, residing at 12488 Howland Park Drive, Plymouth, Michigan 48170 USA; Manuel Barbosa, residing at 22938 Brookforest, Novi, Michigan 48375 USA; Changming Wu, residing at 8894 Woodlore South Drive, Plymouth, Michigan 48170 USA, have invented an improvement in a

Ball Nut Assembly for an Electromechanically Actuable Parking Brake Assembly of a Brake Assembly, as described in an application for a United States Patent filed herewith, or on 26 May 2016 as Serial Number 15/039,495; and

WHEREAS, KELSEY-HAYES COMPANY, a corporation of Delaware, with offices at 12025 Tech Center Drive, Livonia, Michigan 48150, is desirous of acquiring certain rights thereunder;

NOW, THEREFORE, for valuable consideration, receipt of which is hereby acknowledged, we have agreed to and do hereby sell, assign, and transfer unto said corporation our entire right, title, and interest in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto, in and to said invention, said application and any and all patents (including extensions thereof) of any country, which have been or may be granted on said invention or any part thereof, or on said application or any divisional, continuing, renewal, reissue, or other patent application, based in whole or in part thereon, or based upon said invention.

TO BE HELD AND ENJOYED by said corporation, its successors and assigns, to the full ends of the respective terms for which said patents or any of them have been or may be granted, as fully and entirely as the same would have been held and enjoyed by ourselves had no sale and assignment of said interest been made.

AND I hereby covenant and agree for myself, my heirs, and my legal representatives, to assist said corporation in the prosecution of said application and in any interference which may arise involving said invention, and upon request, to execute without further consideration all necessary and desirable divisional, continuing, renewal, reissue, or other applications for patents in any country, that might be deemed necessary by said assignee fully to secure to said assignee its interest as aforesaid in and to said invention or any part thereof, and in and to said several patents or any of them.

AND We do hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America to issue any and all United States patents which may be granted upon said United States applications or any of them, or upon said invention or any part thereof, to said corporation.


IN WITNESS WHEREOF, We have hereunto set our hands.

Signed In The Presence Of:

  
\_\_\_\_\_  
Witness

  
\_\_\_\_\_  
Kraig E. Gerber

15 JUNE 2017  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Witness

Witness

Manuel Barbosa

6/15/2017  
Date

Witness

Changming Wu  
Changming Wu

JUNE 16/2017  
Date

Witness

Witness

Witness