

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5302262

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
BRIAN A. URBACH	12/12/2018
JOHN F. SANTORI	12/12/2018
RECEIVING PARTY DATA	
Name:	TRW AUTOMOTIVE U.S. LLC
Street Address:	12025 TECH CENTER DRIVE
City:	LIVONIA
State/Country:	MICHIGAN
Postal Code:	48150
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16208918
CORRESPONDENCE DATA	
Fax Number:	(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>	
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Email:	mst@mstfirm.com
Correspondent Name:	MACMILLAN SOBANSKI & TODD LLC
Address Line 1:	720 WATER STREET
Address Line 2:	ONE MARITIME PLAZA, 5TH FLOOR
Address Line 4:	TOLEDO, OHIO 43604
ATTORNEY DOCKET NUMBER:	59253-US-NP
NAME OF SUBMITTER:	DOUGLAS V. PAVELKO
SIGNATURE:	/Douglas V. Pavelko/
DATE SIGNED:	12/27/2018
Total Attachments: 2	
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ASSIGNMENT

WHEREAS, We, Brian A. Urbach, residing at 3960 Donley, Rochester Hills, Michigan, 48309 USA, and John F. Santori, residing at 47691 Province Court, Shelby Township, Michigan, 48315 USA, have invented an improvement in a

Ball Nut Assembly For A Power Steering Assembly Of A Vehicle

as described in an application for a United States Patent filed herewith, or to the invention disclosed in U.S. Provisional Application No. 62/594,591 and U.S. Patent Application Serial No. 16/208,918 filed on December 4, 2018; and

WHEREAS, TRW AUTOMOTIVE U.S. LLC, 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.

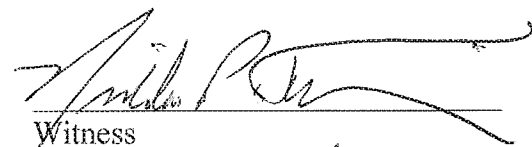
TO BE HELD AND ENJOYED by said corporation, its successors and assigns, to the full ends of the respective terms for which said patents or any of them have been or may be granted, as fully and entirely as the same would have been held and enjoyed by ourselves had no sale and assignment of said interest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

AND We hereby covenant and agree for ourselves, our heirs, and our 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.

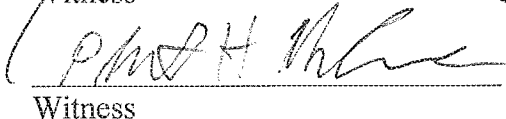
IN WITNESS WHEREOF, We have hereunto set our hands.

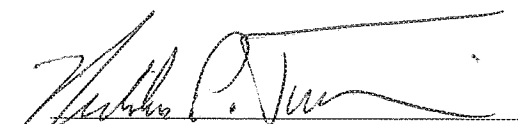
Signed In The Presence Of:

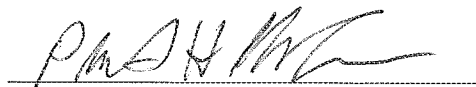

Witness


Brian A. Urbach

12/12/18
Date


Witness


Witness


Witness


John E. Santori

12/12/18
Date