

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5587569

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	MERGER AND CHANGE OF NAME		
EFFECTIVE DATE:	10/01/2018		
CONVEYING PARTY DATA			
Name		Execution Date	
FEDERAL-MOGUL LLC		10/01/2018	
NEWLY MERGED ENTITY DATA			
Name		Execution Date	
TENNECO INC.		10/01/2018	
MERGED ENTITY'S NEW NAME (RECEIVING PARTY)			
Name:	TENNECO INC.		
Street Address:	500 NORTH FIELD DRIVE		
City:	LAKE FOREST		
State/Country:	ILLINOIS		
Postal Code:	60045		
PROPERTY NUMBERS Total: 1			
Property Type	Number		
Application Number:	16130504		
CORRESPONDENCE DATA			
Fax Number:	(844)670-6009		
<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>			
Phone:	248-433-7200		
Email:	tsmith@dickinson-wright.com		
Correspondent Name:	DICKINSON WRIGHT PLLC		
Address Line 1:	2600 WEST BIG BEAVER ROAD		
Address Line 2:	SUITE 300		
Address Line 4:	TROY, MICHIGAN 48084-3312		
ATTORNEY DOCKET NUMBER:	PR-50948/710240-8758		
NAME OF SUBMITTER:	KIMBERLY M. SLAVEN		
SIGNATURE:	/KIMBERLY M. SLAVEN/		
DATE SIGNED:	06/24/2019		

Total Attachments: 5

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ASSIGNMENT

WHEREAS, I (WE), James Robert Toth (hereinafter referred to as Assignors), residing at 1030 Wing Drive, Ann Arbor, Michigan 48103, have invented new and useful improvements in:

PISTON RING WITH WEAR RESISTANT COATING

which is set forth in an application in the United States having the attorney docket number (PR-50948/710240-8758) and executed on even date herewith:

AND WHEREAS Federal-Mogul LLC (herein referred to as Assignee), having an address at 27300 West Eleven Mile Road, Southfield, Michigan 48034, is desirous of acquiring the entire right, title and interest in and to said invention and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, be it known by all whom it may concern, that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the Assignors have assigned, sold and set over, and by these presents assign, sell and set over unto the Assignee, its successors, legal representatives and assigns, for the territory of the United States of America and all foreign countries, the entire right, title and interest in and to said invention, said application for Letters Patent, including the right to file foreign patent applications corresponding to said application, and the right to claim the priority date of said United States patent application and any legal equivalents thereof, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and to any and all divisions, continuations, and continuations-in-part of said application, or re-issues or extensions or substitutions or renewals of said Letters Patent or Patents prepared and executed by Assignors on even date herewith, the same to be held and enjoyed by the Assignee, as fully and entirely as the same would have been held by the Assignors had this Assignment and sale not been made.

I (WE) hereby authorize and request the Patent Office Officials in the United States and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said Assignee as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and right of the Assignee, its successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Agreement and sale not been made.

Further, I (WE) agree that I (WE) will communicate to the Assignee or its representatives any facts known to me (us) respecting the invention, and will testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said Assignee, make all rightful oaths, and generally do everything possible to aid the Assignee, its successors and assigns, to obtain and enforce proper protection for the invention in the United States and in any foreign countries.

AND, the undersigned hereby grant(s) the firm of Dickinson Wright PLLC and its attorneys the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

3-Dec-18
Date

[Signature]
Name: James Robert Toth

Please address all correspondence and telephone calls and, upon recordation, please return this document to:

Kimberly M. Slaven
DICKINSON WRIGHT, PLLC
2600 West Big Beaver Road, Suite 300
Troy, Michigan 48084-3312
(248) 433-7399

Delaware

The First State

Page 1

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF
DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT
COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"FEDERAL-MOGUL LLC", A DELAWARE LIMITED LIABILITY COMPANY,
WITH AND INTO "TENNECO INC." UNDER THE NAME OF "TENNECO
INC." A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF
THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE ON
THE FIRST DAY OF OCTOBER, A.D. 2018, AT 1:35 O'CLOCK P.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE
NEW CASTLE COUNTY RECORDER OF DEEDS.



2656834 8100M
SR# 20186917000

You may verify this certificate online at corp.delaware.gov/authver.shtml

A handwritten signature in black ink, appearing to read "JB", is written over a horizontal line. Below the line, the text "Jeffrey W. Bullock, Secretary of State" is printed.

Jeffrey W. Bullock, Secretary of State

Authentication: 203524644
Date: 10-01-18

PATENT
REEL: 049568 FRAME: 0254

**CERTIFICATE OF MERGER
OF**

FEDERAL-MOGUL LLC
(a Delaware limited liability company)

with and into

TENNECO INC.
(a Delaware corporation)

*Pursuant to Section 264 of the General Corporation Law of the State of Delaware and
Pursuant to Title 6, Section 18-209 of the Delaware Limited Liability Company Act*

State of Delaware
Secretary of State
Division of Corporations
Delivered 01:35 PM 10/01/2018
FILED 01:35 PM 10/01/2018
SR 20186917000 - File Number 2656834

Tenneco Inc., a Delaware corporation, does hereby certify:

FIRST: The name and jurisdiction of each constituent entity to this merger are as follows:

<u>Name</u>	<u>Jurisdiction</u>
Tenneco Inc.	Delaware
Federal-Mogul LLC	Delaware

SECOND: An Agreement and Plan of Merger, dated as of October 1, 2018, between Federal-Mogul LLC, a Delaware limited liability company (the "Disappearing Company"), and Tenneco Inc., a Delaware corporation, has been approved, adopted, certified, executed and acknowledged by each of the constituent entities in accordance with Section 264, Section 251(f) and Section 228 of the General Corporation Law of the State of Delaware and in accordance with Title 6, Section 18-209 of the Delaware Limited Liability Company Act.

THIRD: The corporation surviving the merger is Tenneco Inc., a Delaware corporation (the "Surviving Corporation").

FOURTH: The Certificate of Incorporation of Tenneco Inc. shall be the Certificate of Incorporation of the Surviving Corporation.

FIFTH: The merger shall become effective upon the filing of this Certificate of Merger with the Secretary of State of the State of Delaware.

SIXTH: The executed Agreement and Plan of Merger between the aforesaid constituent entities is on file at the office of the Surviving Company at 500 North Field Drive, Lake Forest, Illinois 60045. A copy will be provided, upon request and without cost, to any stockholder of the Surviving Corporation or to any member of the Disappearing Company.

[Signature Page Follows]

IN WITNESS WHEREOF, the Surviving Company has caused this Certificate of Merger to be signed by an authorized officer this 1st day of October, 2018.

TENNECO INC.

By: 

Name: Brian J. Kessler

Its: Chief Executive Officer

[Signature Page - Certificate of Merger]