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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NIPPON STEEL & SUMITOMO METAL CORPORATION	10/26/2017

RECEIVING PARTY DATA

Name:	TOYOTA JIDOSHA KABUSHIKI KAISHA	
Street Address:	1, TOYOTA-CHO, TOYOTA-SHI	
City:	AICHI-KEN	
State/Country:	JAPAN	
Postal Code:	471-8571	

PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	9631295

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	CHLOE CAMERON	
SIGNATURE:	/Chloe Cameron/	
DATE SIGNED:	11/01/2017	

Total Attachments: 1

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PATENT 504621947 REEL: 044005 FRAME: 0417

ASSIGNMENT

WHEREAS, NIPPON STEEL & SUMITOMO METAL CORPORATION of 6-1,

Marunouchi 2-Chome, Chiyoda-Ku, Tokyo, Japan 100-8071 a corporation organized and

existing under the laws of the Country of JAPAN is a joint owner with TOYOTA

JIDOSHA KABUSHIKI KAISHA, by assignment, of the Letters Patent of the United

States of America No. 9,631,295 issued on April 25, 2017; and

WHEREAS, TOYOTA JIDOSHA KABUSHIKI KAISHA of 1, Toyota-cho,

Toyota-shi, Aichi-ken, Japan 471-8571 a corporation organized and existing under the

laws of the Country of JAPAN (hereinafter referred to as "ASSIGNEE") is desirous of

acquiring the entire right, title and interest in and to said Letters Patent;

NOW, THEREFORE, after good and valuable consideration, the receipt of which

is hereby acknowledged, NIPPON STEEL & SUMITOMO METAL CORPORATION by

these presents do assign and transfer unto ASSIGNEE the entire right, title and interest

for the territory of the United States of America, in and to the aforesaid Letters Patent and

the invention described therein, and any reissue or reissues of said Letters Patent to the

full end of the term for which said Letters Patent have been granted or reissues may be

granted, said invention and Letters patent to be held and enjoyed by the ASSIGNEE for

the use and behoof of their successors, assigns or other legal representatives, and for

claims for damage by reason of infringement past and present, as fully and entirely as the

same would have been held by us had this Assignment and sale not been made.

IN TESTIMONY WHEREOF, NIPPON STEEL & SUMITOMO METAL

CORPORATION has caused these presents to be signed by its officer thereunto duly

authorized.

NIPPON STEEL & SUMITOMO METAL

CORPORATION

Date: October 26, 2017

Name: Ikuo Jitsuhara

Title: Executive Counsellor, General Manager,

Head of Div., Intellectual Property Division

PATENT

REEL: 044005 FRAME: 0418

RECORDED: 11/01/2017