#### 11/16/2015 503571383

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3618010

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

#### **CONVEYING PARTY DATA**

Name	Execution Date
HIROSHI KAWAHARA	09/23/2015
SUMIO SUGITA	09/24/2015

#### **RECEIVING PARTY DATA**

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City:	SHINAGAWA-KU, TOKYO
State/Country:	JAPAN
Postal Code:	141-8560

### **PROPERTY NUMBERS Total: 1**

Property Type	Number	
Application Number:	14891535	

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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ATTORNEY DOCKET NUMBER:	038921.68118US	
NAME OF SUBMITTER:	JEFFREY D. SANOK	
SIGNATURE:	/Jeffrey D. Sanok/	
DATE SIGNED:	11/16/2015	
This document serves as an Oath/Declaration (37 CFR 1.63).		

#### **Total Attachments: 2**

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**PATENT REEL: 037051 FRAME: 0376** 503571383

# ASSIGNMENT AND DECLARATION UNDER 37 C.F.R. § 1.63 (For Use with Signed Application Data Sheet)

Title of Invention:	JOINT STRUCTURE AND JOINING METHOD THEREOF			
This assignment and declaration are directed to (check one):  the application identified above by the attorney docket no. and title of invention  PCT International Application Number <a href="PCT/JP2013/007481">PCT/JP2013/007481</a> , filed on <a href="#19 December 2013">19 December 2013</a> United States Application No. <a href="#19 JP2013/007481"></a> , filed on <a href="#19 JP2013/007481"></a>				
	ASSIGNMEN	Į/ <b>T</b> ·		
		y of which are hereby acknowledged, as a		
Name of Assignee:	NSK LTD.			
Address of Assignee:	6-3, Ohsaki 1-chome, Shinagawa-ku	ı, Tokyo 141-8560 Japan		
and to the above-identificontinuations thereof, a application or for said in by said ASSIGNEE, its	ned invention and United States patent and in and to any and all Letters Patent on wention, including any and all reissues successors, or assigns to the full end of ranted as fully and entirely as would ha	United States, its territories, and possessions in application, including any and all divisions or f the United States that may issue on any such or extensions thereof, to be held and enjoyed the term or terms for which any and all such we been held and enjoyed by me had this		
I hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue any and all such Letters Patent to said ASSIGNEE, its successors, or assigns in accordance herewith.				
I warrant and covenant that I have the full and unencumbered right to sell and assign the interests herein sold and assigned and that I have not executed and will not execute any document or instrument in conflict herewith.				
I further covenant and agree that I will communicate to said ASSIGNEE, its successors, legal representatives, or assigns all information known to me relating to said invention or patent application and that I will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings, and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives, or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent that may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns, or to assist said ASSIGNEE, its successors, legal representatives, or assigns in obtaining, reissuing, or enforcing Letters Patent of the United States for said invention.				
	<u>DECLARATI</u>	<u>ON</u>		
As a below named inve	ntor, I hereby declare that:			
The above-identified application was made or authorized to be made by me.				
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.				
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.				
Signature: KAWA	Evoshi Eawahara AHARA, Hiroshi	23. Sep. 2015 DATE		

**PATENT REEL: 037051 FRAME: 0377** 

**RECORDED: 11/16/2015** 

## ASSIGNMENT AND DECLARATION UNDER 37 C.F.R. § 1.63

(For Use with Signed Application Data Sheet)

Title of Invention:	JOINT STRUCTURE AN	D JOINING METHOD THI	EREOF
the application io PCT International	al Application Number <u>PCT</u>	eck one): ney docket no. and title of in <u>7/JP2013/007481</u> , filed on <u>19</u> , filed on	December 2013
	ASSI	<u>IGNMENT</u>	
		d sufficiency of which are h d by these presents hereby s	
Name of Assignee:	NSK LTD.		
Address of Assignee:	6-3, Ohsaki 1-chome, Sh	inagawa-ku, Tokyo 141-85	60 Japan
and to the above-identif continuations thereof, a application or for said in by said ASSIGNEE, its	Tied invention and United St and in and to any and all Let invention, including any and successors, or assigns to the ranted as fully and entirely	ates patent application, incluters Patent of the United State all reissues or extensions the	es territories, and possessions in ading any and all divisions or tes that may issue on any such tereof, to be held and enjoyed as for which any and all such denjoyed by me had this
		J.S. Patent and Trademark C r assigns in accordance here	office to issue any and all such with.
		ncumbered right to sell and a not execute any document o	ssign the interests herein sold r instrument in conflict
or assigns all informatic and deliver any papers, acts deemed necessary of perfect title to said inve- all Letters Patent that m its successors, or assign	on known to me relating to somake all rightful oaths, test or desirable by said ASSIGI ntion, to said application in any be granted therefor or the s, or to assist said ASSIGN.	said invention or patent appl ify in any legal proceedings NEE, its successors, legal re cluding divisions and contin	uations thereof and to any and extensions, in said ASSIGNEE, resentatives, or assigns in
	<u>DECI</u>	LARATION	
As a below named inver	ntor, I hereby declare that:		
The above-identified ap	plication was made or auth-	orized to be made by me.	
I believe that I am the o	riginal inventor or an origin	nal joint inventor of a claime	d invention in the application.
	hat any willful false statement of not more than five		is punishable under 18 U.S.C.
Signature: SUGIT	ngita, Sumio		24 Sep . 2015 DATE

PATENT REEL: 037051 FRAME: 0378