505417505 04/09/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5464295

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TAKESHI NISHIMURA	01/15/2019
KIPPEI MATSUDA	01/25/2019
HIDEYUKI IMAI	01/25/2019
AKIHITO ABE	01/25/2019

RECEIVING PARTY DATA

Name:	NSK LTD.
Street Address:	1-6-3, OHSAKI, SHINAGAWA-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	141-8560
Name:	KAWASAKI JUKOGYO KABUSHIKI KAISHA
Street Address:	3-1-1, HIGASHIKAWASAKI-CHO, CHUO-KU, KOBE-SHI
City:	HYOGO
State/Country:	JAPAN
Postal Code:	650-8670

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16340411

CORRESPONDENCE DATA

Fax Number:

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.

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Correspondent Name: KATTEN MUCHIN ROSENMAN LLP

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Address Line 4: NEW YORK, NEW YORK 10022-2585

ATTORNEY DOCKET NUMBER: KAM26163(100799-00243)

NAME OF SUBMITTER: DOREEN DEVITO

PATENT REEL: 048827 FRAME: 0294

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SIGNATURE:	/DOREEN DEVITO/	
DATE SIGNED:	04/09/2019	
Total Attachments: 4		
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PATENT REEL: 048827 FRAME: 0295

Attorney Docket:

COMBINED DECLARATION and ASSIGNMENT (37 CFR 163) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION

Title of Invention	TOROIDAL CONTINUOUSLY VARIABLE TRANSMISSION		
As the below	As the below named inventor, I hereby declare that:		
This declaration is directed to			
	United States application or PCT international application number filed on November 9, 2017		
The above is	dentified application was made or authorized to be made by me.		
I believe tha	t 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.			
In consideration of One Dollar (\$1.00) and other valuable consideration, the receipt and adequacy of which are hereby acknowledged, I hereby assign, convey, transfer, deliver, set over and vest to and in NSK LTD. and KAWASAKI JUKOGYO KABUSHIKI KAISHA			
a corperation of JAPAN and JAPAN			
having a place of business at: 1-6-3, OHSAKI, SHINAGAWA-KU, TOKYO 141-8560 JAPAN and 3-1-1, HIGASHIKAWASAKI-CHO, CHUO-KU, KOBE-SHI, HYOGO 650-8670, JAPAN			
its successor listed above.	x and assigns, absolutely and forever, my entire right, title and interest in and to the invention, together with the Application, any and all Patents that may issue in the United States, and any		
reissues, ren	reissues, renewals, continuations, continuation in parts, divisionals or extensions thereof that may be issued or granted, and all right, title and interest to the inventions contained in said Patents and Applications, for the		
United States, and all the rights and privileges relating thereto including but not limited to the priority rights arising from said Applications, the right to recover and take all such proceedings as may be necessary for the			
recovery of damages or otherwise in respect of past, present and future infringement, and the right to apply for, take and maintain patents on said inventions.			
LEGAL NAME OF INVENTOR			
	NISHIMURA, Takeshi Date: 1/15/20/9		
Signature: NISHIMURA Takesh) Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must			
	pication data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must be form. Use an additional form for each additional inventor.		

84625460v3

PATENT REEL: 048827 FRAME: 0296

COMBINED DECLARATION and ASSIGNMENT (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION

Title of Invention	TOROIDAL CONTINUOUSLY VARIABLE TRANSMISSION		
As the below	As the below named inventor, I hereby declare that:		
This declarat		PCT/JP2017/040498	
	United States application or PCT international application filed on November 9, 2017	stion number	
The above-id	dentified application was made or authorized to be made by me.		
I believe that	t I am the original inventor or an original joint inventor of a claimed	l 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.			
In consideration of One Dollar (\$1.00) and other valuable consideration, the receipt and adequacy of which are hereby acknowledged, I hereby assign, convey, transfer, deliver, set over and vest to and in NSK LTD. and KAWASAKI JUKOGYO KABUSHIKI KAISHA			
a corporation	n of JAPAN and JAPAN		
having a place of business at: 1-6-3, OHSAKI, SHINAGAWA-KU, TOKYO 141-8560 JAPAN and 3-1-1, HIGASHIKAWASAKI-CHO, CHUO-KU, KOBE-SHI, HYOGO 650-8670, JAPAN			
its successors and assigns, absolutely and forever, my entire right, title and interest in and to the invention listed above, together with the Application, any and all Patents that may issue in the United States, and any			
reissues, renewals, continuations, continuation-in-parts, divisionals or extensions thereof that may be issued or granted, and all right, title and interest to the inventions contained in said Patents and Applications, for the			
United States, and all the rights and privileges relating thereto including but not limited to the priority rights arising from said Applications, the right to recover and take all such proceedings as may be necessary for the			
recovery of damages or otherwise in respect of past, present and future infringement, and the right to apply for, take and maintain patents on said inventions.			
LEGAL NAME OF INVENTOR			
Inventor	MATSUDA, Kippei Date:	Jan. 25,2019	
Signature:	Kopi matenda		
	dication data sheet (PTO/SB/14 or equivalent), including naming the entire is form. Use an additional form for each additional inventor.	inventive entity, must	

84625460v1

COMBINED DECLARATION and ASSIGNMENT (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION

Title of Invention	TOROIDAL CONTINUOUSLY VARIABLE TRANSMISSION	
As the below named inventor, I hereby declare that:		
This declarat	* TC1/JF201//040496	
	United States application or PCT international application number	
The above-id	lentified application was made or authorized to be made by me.	
I believe that	t 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.		
In consideration of One Dollar (\$1.00) and other valuable consideration, the receipt and adequacy of which are hereby acknowledged, I hereby assign, convey, transfer, deliver, set over and vest to and in NSK LTD. and KAWASAKI JUKOGYO KABUSHIKI KAISHA		
a comaration	JAPAN and JAPAN	
having a plac	e of business at: 1-6-3, OHSAKI, SHINAGAWA-KU, TUKYO 141-8580 JAPAN and 3-1-1, HIGASHIKAWASAKI-CHO, CHUO-KU, KOBE-SHI, HYOGO	
	650-8670, JAPAN sand assigns, absolutely and forever, my entire right, title and interest in and to the invention	
	together with the Application, any and all Patents that may issue in the United States, and any wals, continuations, continuation-in-parts, divisionals or extensions thereof that may be issued	
or granted, and all right, title and interest to the inventions contained in said Patents and Applications, for the United States, and all the rights and privileges relating thereto including but not limited to the priority rights		
arising from said Applications, the right to recover and take all such proceedings as may be necessary for the		
recovery of damages or otherwise in respect of past, present and future infringement, and the right to apply for, take and maintain patents on said inventions.		
LEGAL NAME OF INVENTOR		
Inventor	IMAI, Hideyuki Date: Jan. 25, 2019	
Signature:	Vidgokelman ?	
Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use an additional form for each additional inventor.		

84625460v1

Attorney Docket:

COMBINED DECLARATION and ASSIGNMENT (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION

Title of Invention	TOROIDAL CONTINUOUSLY VARIABLE TRANSMISSION		
As the below	As the below named inventor, I hereby declare that:		
This declarati	This declaration The attached application, or PCT/JP2017/040498		
	United States application of PCT internation filed on November 9, 2017	al application number	
The above-id	dentified application was made or authorized to be made by	rme.	
I believe that	t I am the original inventor or an original joint inventor of s	s claimed invention in the application.	
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1991 by fine or imprisonment of not more than five (5) years, or both			
In consideration of One Dollar (\$1.00) and other valuable consideration, the receipt and adequacy of which are hereby acknowledged, I hereby assign, convey, transfer, deliver, set over and vest to and in NSK LTD, and KAWASAKI JUKOGYO KABUSHIKI KAISHA			
a comoration	of JAPAN and JAPAN		
having a plac	having a place of business at: 1-6-3, OHSAKI, SHINAGAWA-KU, TOKYO 141-8560 JAPAN and 3-1-1, HIGASHIKAWASAKI-CHO, CHUO-KU, KOBE-SHI, HYOGO		
its successors	650-8670, JAPAN s and assigns, absolutely and forever, my entire right, title a	nd interest in and to the invention	
reissues, rene	together with the Application, any and all Patents that may wals, continuations, continuation-in-parts, divisionals or ex	stensions thereof that may be issued	
United States	or granted, and all right, title and interest to the inventions contained in said Patents and Applications, for the United States, and all the rights and privileges relating thereto including but not limited to the priority rights		
arising from said Applications, the right to recover and take all such proceedings as may be necessary for the recovery of damages or otherwise in respect of past, present and future infringement, and the right to apply			
for, take and maintain patents on said inventions.			
LEGAL NAME OF INVENTOR			
Inventor:	ABE, Akihito Dai	te: Jan. 25, 2019	
Signature:	Nainte Ne	·	
Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use an additional form for each additional inventor.			

846354609

RECORDED: 04/09/2019

PATENT REEL: 048827 FRAME: 0299