## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5121065

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
NAOTO KAWABUCHI	08/27/2018
TAKASHI KAWANO	08/27/2018

#### **RECEIVING PARTY DATA**

Name:	TADANO LTD.
Street Address: KO-34, SHINDENCHO, TAKAMATSU-SHI	
City:	KAGAWA
State/Country:	JAPAN
Postal Code:	761-0185

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

Property Type	Number
Application Number:	16081647

### CORRESPONDENCE DATA

Fax Number: (703)935-8473

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.

571-313-7556 Phone: Email: mail@paratus.law

Correspondent Name: PARATUS LAW GROUP, PLLC

Address Line 1: 1765 GREENSBORO STATION PLACE

Address Line 2: **SUITE 320** 

Address Line 4: TYSONS CORNER, VIRGINIA 22102

ATTORNEY DOCKET NUMBER:	13-410-0025
NAME OF SUBMITTER: LENNY R. JIANG	
SIGNATURE:	/Lenny R. Jiang/
DATE SIGNED:	08/31/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).

### **Total Attachments: 2**

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**PATENT REEL: 046996 FRAME: 0518** 505074309

# DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of Invention	EXPANSION/CONTRACTION MECHANISM	
As the below	named inventor, Thereby declare that:	
This declarati	The attached application, or	
	United States application or PCT international application number PCT/JP2017/008490  filed on March 3, 2017	
The above-ide	ntified application was made or authorized to be made by me.	
	am the original inventor or an original joint inventor of a claimed invention in the application.  TADANO LTD. , with offices at	
****************	nindencho, Takamatsu-shi, Kagawa 761-0185, JAPAN (hereinafter referred to as ASSIGNEE), is desirous of	
acquiring all i legal protection	sterest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar n which may be granted therefor in the United States and in any and all foreign countries;	
of which are I legal represen in and to any any and all pri Convention R adheres, and b United States	FORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency tereby acknowledged. I by these presents do hereby assign, sell and transfer unto said ASSIGNEE, its successors, assigns, and attives, the entire right, title and interest in said invention, said application, including any divisions and continuations thereof, and and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to only rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American elating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of American any other benefits according or to accord to me with respect to the filling of applications for patents or securing of patents in the and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue said United States Letters ASSIGNEE, as the assigner of the whole right, title and interest thereto;	
designee, as . remuneration,	agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of les and countries foreign thereto;	
And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid invention, as said ASSIGNEE thereof shall heresiter require and prepare at its own expense;		
application, sa	agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will exame in any interference or litigation related thereto;	
And I hereby this assignmen	ovenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with t and sale.	
	wledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of five (5) years, or both.	
LEGAL NAM	E OF INVENTOR	
Inventor:	Naoto KAWABUCHI Date: Avgust 27. 2018	
Signature:	Naato KAWABUCHI	

PATENT REEL: 046996 FRAME: 0519

# DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of Invention	EXPANSION/CONTRACTION MECHANISM	
As the below named inventor, I hereby declare that:		
This declarati	1 The about and markers an	
	United States application or PCT international application number PCT/JP2017/008490 filed on March 3, 2017	
The above-ide	ntified application was made or authorized to be made by me.	
I believe that :	(am the original inventor or an original joint inventor of a claimed invention in the application.  TADANO LTD. , with offices at	
	tindencho, Takamatsu-shi, Kagawa 761-0185, JAPAN (hereinafter referred to as ASSIGNEE), is desirous of	
acquiring all i	nterest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar a which may be granted therefor in the United States and in any and all foreign countries;	
NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged. I by these presents do hereby assign, sell and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest in said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights said/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue said United States Letters Patent to said ASSIGNEE, as the assignee of the whole right, title and interest thereto;		
And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto;		
And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filling subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid invention, as said ASSIGNEE thereof shall hereafter require and prepare at its own expense;		
And I further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto;		
And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.		
I hereby ackno not more than	owledge that any willful false statement made in this declaration is punishable under 18 U.S.C., 1001 by fine or imprisonment of five (5) years, or both.	
LEGAL NAME OF INVENTOR		
Inventor:	Takashi KAWANO Date: August 27, 2018	
Signature:	Takashi KAWANO	

PATENT REEL: 046996 FRAME: 0520

**RECORDED: 08/31/2018**