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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT6554710

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KENTA SEKI	01/08/2021
YASUSHI SHIGENO	01/07/2021
DAISUKE TOKUDA	01/20/2021
RYANGSU KIM	01/07/2021
KATSUYA SHIMIZU	01/07/2021
KAZUHITO OSAWA	01/08/2021

RECEIVING PARTY DATA

Name:	Murata Manufacturing Co., Ltd.	
Street Address:	10-1 Higashikotari 1-chome	
City:	Nagaokakyo-shi, Kyoto-fu	
State/Country:	JAPAN	
Postal Code:	617-8555	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	16941577	

CORRESPONDENCE DATA

Fax Number: (571)313-7421

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.

Phone: (571)313-7440

Email: cdalakuras@kbiplaw.com **KEATING & BENNETT LLP Correspondent Name:** Address Line 1: 1800 ALEXANDER BELL DR.

Address Line 2: SUITE 200

Address Line 4: RESTON, VIRGINIA 20191

ATTORNEY DOCKET NUMBER:	36856.4977	
NAME OF SUBMITTER:	CHRISTY DALAKURAS	
SIGNATURE:	/CAB/cd	
DATE SIGNED:	02/16/2021	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

REEL: 055280 FRAME: 0761 506507934

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Total Attachments: 7

source=36856-4977-Client-20210216-Signed-Declaration-Assignment#page1.tif source=36856-4977-Client-20210216-Signed-Declaration-Assignment#page2.tif source=36856-4977-Client-20210216-Signed-Declaration-Assignment#page3.tif source=36856-4977-Client-20210216-Signed-Declaration-Assignment#page4.tif source=36856-4977-Client-20210216-Signed-Declaration-Assignment#page5.tif source=36856-4977-Client-20210216-Signed-Declaration-Assignment#page6.tif source=36856-4977-Client-20210216-Signed-Declaration-Assignment#page7.tif

PATENT REEL: 055280 FRAME: 0762

Attorney Docket No.: **36856.4977** Murata Ref. No.: **M20-03726**

As a below named INVENTOR/ASSIGNOR, I hereby declare that:

ASSIGNMENT AND DECLARATION FOR PATENT APPLICATION (37 CFR 1.63)

特許出願宣言付き譲渡書(37 CFR 1.63)

Japanese Language Assignment and Declaration

本宣言付き譲渡書は以下に関します。	This assignment and declaration is directed to:	
□ 添付の出願、または	The attached application, or	
□ 年_月_目に出願された米国出願あるいはPCT	United States Application or PCT International Application	
国際出願番号	Number filed on	
本出願の名称は以下の通りです。	The application is titled:	
	DIRECTIONAL COUPLER	
上記に明示された出願は私が作成した、または作成を許可したものです。	The above identified application was made or was authorized to be made by me.	
私は、私が本出願内で請求されている発明の最初の発明者、 または最初の共同発明者であると信じます。	I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.	
私は本宣言付き譲渡書の提出に関わる出願の内容を検討し、 理解しています。	I have reviewed and understand the contents of the application for which this assignment with declaration is being submitted.	
私は37 CFR 1.56 に定義される特許性に肝要な私の知るすべての情報について当局に開示する義務があることを認識しています。	I am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR 1.56.	
本書以降で譲渡人と呼ばれる上記に署名した発明者である私 は、上記で特定される本出願に記載する特定の発明をしてい るため、また、	Whereas, I/We, the undersigned inventor(s) hereinafter called ASSIGNOR(S), have invented certain inventions described in the application identified above; and	
(譲受人) は本出願およ	Whereas, Murata Manufacturing Co., Ltd. of 10-1, Higashikotari	

私は下記に記載の発明者/譲渡人として以下の通り宣言しま

び本発明に対する全ての権利、権原、および利益、ならびに

当該出願および発明に対して得られる米国内、およびすべて

それゆえ、譲受人から譲渡人への1ドル(\$1.00)の支払いお

よびその他の有価約因に基づき、その受領をここに確認した

の外国で交付される特許証の取得を希望しているため、

うえで

1-chome, Nagaokakyo-shi, Kyoto-fu Japan 617-8555 (ASSIGNEE(S)), desires to acquire the entire right, title, and

and all foreign countries;

interest in the application and invention, and any Letters Patent

Now therefore, in consideration of the payment by ASSIGNEE(S)

to ASSIGNOR(S) of the sum of One Dollar (\$1.00) and for other valuable consideration, receipt whereof is hereby acknowledged,

that may be granted therefore in the United States and in any

譲渡人は、本書により、本譲渡書および販売に抵触する譲渡、販売、契約および債務の成立および締結が行われないことを契約します。

譲渡人は、本書により、譲受人から依頼があった場合、譲渡 人が知り縦覧できる、当該出願、発明、および特許証にかか わる適切な事実および資料を譲受人に提供し、譲受人が必要 とみなすすべての資料に追加の対価を得ることなく署名し、 これに関連するいかなる干渉および訴訟において証言するこ とに同意します。

私は本宣言付き譲渡書において故意になされた一切の虚偽の 陳述が 18 USC 1001 に基づき罰金あるいは 5 年以下の拘禁ま たは両方による処罰にあたることに同意します。 ASSIGNOR(S) hereby sell, assign, and transfer to ASSIGNEE(S), its successors and assigns, the entire right, title, and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including all rights under the International Convention of Paris (1883) as amended, or other relevant International Treaties and Arrangements.

ASSIGNOR(S) hereby covenant(s) that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

ASSIGNOR(S) hereby agree(s), when called upon to do so by the ASSIGNEE(S), to provide ASSIGNEE(S) with all pertinent facts and documents relating to said application, said invention, and said Letters Patent as may be known and accessible to ASSIGNOR(S); to sign without further consideration all papers deemed necessary by the ASSIGNEE(S); and to testify as to the same in any interference or litigation related thereto.

I hereby acknowledge that any willful false statement made in this assignment with declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

Date:
旦付: January 8, 2021
Date:
日付:
Date:
日付:
Date:
日付:
P.13.

譲渡人は、本書により、本譲渡書および販売に抵触する譲渡、販売、契約および債務の成立および締結が行われないことを契約します。

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LEGAL NAME OF FIRST INVENTOR/ASSIGNOR	
第1の発明者/譲渡人の正式氏名	
Inventor:	Date:
発明者: Kenta SEKI	日付:
Signature:	
署名:	
LEGAL NAME OF SECOND INVENTOR/ASSIGNOR	
第2の発明者/譲渡人の正式氏名	
Inventor:	Date:
発明者: Yasushi SHIGENO	日付: January 7,2021
Signature:	
署名: /Yasushi SHIGENO/	
LEGAL NAME OF THIRD INVENTOR/ASSIGNOR	
第3の発明者/譲渡人の正式氏名	
Inventor:	Date:
発明者: Daisuke TOKUDA	日付:
Signature:	
署名:	
LEGAL NAME OF FOURTH INVENTOR/ASSIGNOR	
第4の発明者/譲渡人の正式氏名	
Inventor:	Date:
発明者: Ryansu KIM	目付:
Signature:	
署名:	

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LEGAL NAME OF	FIRST INVENTOR/ASSIGNOR		
第1の発明者/記	譲渡人の正式氏名		
Inventor:		Date:	
発明者:	Kenta SEKI	日付:	
Signature:			
署名:			
LEGAL NAME OF	SECOND INVENTOR/ASSIGNOR		
第2の発明者/記	譲渡人の正式氏名		
Inventor:		Date:	
発明者:	Yasushi SHIGENO	日付:	
Signature:			
署名:			
LEGAL NAME OF	THIRD INVENTOR/ASSIGNOR		
第3の発明者/記	譲渡人の正式氏名		
Inventor:		Date:	
発明者:	Daisuke TOKUDA	月付: January 20,2021	
Signature:	***************************************	**************************************	annananana.
署名:	/Daisuke TOKUDA/		
N			,
LEGAL NAME OF	FOURTH INVENTOR/ASSIGNOR		
	譲渡人の正式氏名		
Inventor:		Date:	
発明者:	Ryansu KIM	日付:	
Signature:			
署名:			

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LEGAL NAME O	F FIRST INVENTOR/ASSIGNOR	
Į.	/譲渡人の正式氏名	
Inventor:	/ 成次/ (V/ユート(レー)	Date:
1	A Marie	日付:
発明者:	Kenta SEKI	
Signature:		
署名:		
LEGAL NAME O	F SECOND INVENTOR/ASSIGNOR	
第2の発明者	/譲渡人の正式氏名	
Inventor:		Date:
発明者:	Yasushi SHIGENO	日付:
Signature:		
署名:		
L		
LEGAL NAME O	F THIRD INVENTOR/ASSIGNOR	
Į.	/譲渡人の正式氏名	
Inventor:	1 48X (1)X / X - 1 - 1 X 1 X 1 X 1 X 1 X 1 X 1 X 1 X	Date:
発明者:	Deinaka TAKUDA	日付:
	Daisuke TOKUDA	F-I J ·
Signature: 署名:		
者名:		
r		
i	F FOURTH INVENTOR/ASSIGNOR	
第4の発明者	/譲渡人の正式氏名	
Inventor:		Date:
発明者:	Ryangsu KIM	月付: January 7, 2021
Signature:	<u> </u>	
署名:	/Ryangsu Kim/	

LEGAL NAME OF FIFTH INVENTOR/ASSIGNOR			
第5の発明者/譲	渡人の正式氏名		
Inventor:		Date:	
発明者:	Katsuya SHIMIZU	旦 日付: January 7, 2021	
Signature:			
署名: /Katsu	ıya SHIMIZU/		
LEGAL NAME OF SI	XTH INVENTOR/ASSIGNOR		
第6の発明者/譲	渡人の正式氏名		
Inventor:		Date:	
発明者:	Kazuhito OSAWA	日付:	
Signature:		•••••••••••	
署名:			

į.	FIFTH INVENTOR/ASSIGNOR 譲渡人の正式氏名		
Inventor: 発明者:		Date: 日 付・	
Signature: 署名:	Katsuya SHIMIZU		
i	SIXTH INVENTOR/ASSIGNOR		
Inventor:	譲渡人の正式氏名 Kazuhito OSAWA	Date: 日付:	January 8, 2021
発明者: Signature: 署名:	/Kazuhito Osawa/		