505250782 12/21/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5297563

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WILLIAM TODD WATSON	12/17/2018
ISAIAH FREERKSEN	12/18/2018

RECEIVING PARTY DATA

Name:	MITUTOYO CORPORATION
Street Address:	20-1, SAKADO 1-CHOME, TAKATSU-KU
City:	KAWASAKI-SHI, KANAGAWA-KEN
State/Country:	JAPAN
Postal Code:	213-8533

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16227561

CORRESPONDENCE DATA

Fax Number: (206)682-6031

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: 2066224900

Email: mariab@seedip.com

Correspondent Name: SEED IP LAW GROUP LLP

Address Line 1: 701 FIFTH AVENUE

Address Line 2: **SUITE 5400**

Address Line 4: SEATTLE, WASHINGTON 98104

ATTORNEY DOCKET NUMBER:	660051.513	
NAME OF SUBMITTER:	SHOKO I. LEEK	
SIGNATURE:	/Shoko Leek/	
DATE SIGNED:	12/21/2018	

Total Attachments: 3

source=660051.513 Assignment#page1.tif source=660051.513 Assignment#page2.tif source=660051.513 Assignment#page3.tif

> **PATENT REEL: 047845 FRAME: 0733** 505250782

WORLDWIDE ASSIGNMENT

WHEREAS, we,

Name	Address
William Todd Watson	c/o Micro Encoder Inc., 11533 NE 118 th St., Kirkland, WA 98034
Isaiah Freerksen	c/o Micro Encoder Inc., 11533 NE 118 th St., Kirkland, WA 98034

(hereinafter referred to as ASSIGNORS), having a mailing address as listed above, are the joint inventors of an invention entitled "TUNABLE ACOUSTIC GRADIENT LENS WITH AXIAL COMPLIANCE PORTION," as described and claimed in the specification for which an application for United States letters patent was filed on <u>December 20, 2018</u>, and assigned Application No. <u>16/227,561</u>;

WHEREAS.

Corporation Name	Address
Mitutoyo Corporation	20-1, Sakado 1-Chome, Takatsu-ku, Kawasaki-shi, Kanagawa-
	ken, Japan 213-8533

(hereinafter referred to as ASSIGNEE), a Japanese corporation having a place of business at the address listed above, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR hereby sells, assigns and transfers unto said ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions including any extensions or adjustments in term thereof and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, and including the right to sue and collect damages for past and present infringement of said letters patent; said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR had this assignment, transfer and sale not been made. ASSIGNOR hereby

PATENT REEL: 047845 FRAME: 0734 authorizes and requests the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

Assignee's counsel is authorized to insert the official filing date and application number information when it becomes available.

12/1	7/2018		MATAN	(Assignor)
Date	,	William	ı Todd Watson	10000110000010.00.00000.00
State of	VA)	ASHLEY BATC NOTARY PUBLIC	XX :
County of	Van) ss.)	STATE OF WASH COMMISSION EX	INGTON PRES
			MAY 9, 20	80

I certify that I know or have satisfactory evidence that William Todd Watson the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated	12/17/2018
Signature of Notary Public	145
Printed Name	Ashler Butdelon
My appointmen	t expires

17/18/18	0.0	£Q.	(Assignor)
Date	Isaiah Freerks	sen	
State of)) ss.	NOTARY PL STATE OF V COMMISSI	ATCHELOR JBLIC 118390 VASHINGTON ON EXPIRES), 2022

I certify that I know or have satisfactory evidence that Isaiah Freerksen is the person who appeared before me, and said person acknowledged that she/he signed this instrument and acknowledged it to be her/his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated	15/12	12018
Signature of Notary Public		11n
Printed Name		Asyley Batchelon
My appointmen	t expires	5/9/2