

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT5527282

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	JOSEPH DANIEL TOBIASON	05/13/2019
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:	16413521
CORRESPONDENCE DATA		
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<i>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.</i>		
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ATTORNEY DOCKET NUMBER:	660051.493C5	
NAME OF SUBMITTER:	SHOKO I. LEEK	
SIGNATURE:	/Shoko Leek/	
DATE SIGNED:	05/16/2019	
Total Attachments: 3		
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source=660051.493C5 Assignment#page3.tif		

WORLDWIDE ASSIGNMENT

WHEREAS, I,

Name	Address
Joseph Daniel Tobiason	c/o Micro Encoder Inc., 11533 NE 118th St., Kirkland, WA 98034

(hereinafter referred to as ASSIGNOR), having a mailing address as listed above, am the sole inventor of an invention entitled "CONTAMINATION AND DEFECT RESISTANT ROTARY OPTICAL ENCODER CONFIGURATION FOR PROVIDING DISPLACEMENT SIGNALS," as described and claimed in the specification for which an application for United States letters patent was filed on May 15, 2019, and assigned Application No. 16/413,521;

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;

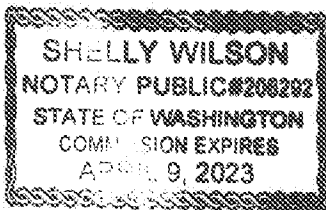
NOW, THEREFORE, in exchange for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR hereby sells, assigns and transfers unto said ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent 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 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.

Date 5/13/2019 Joseph Daniel Tobiason (Assignor)
 State of Washington)
 County of King) ss.

I certify that I know or have satisfactory evidence that Joseph Daniel Tobiason is 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 May 13, 2019
 Signature of Shelly Wilson
 Notary Public
 Printed Name Shelly Wilson
 My appointment expires April 9, 2023

Application No. 16/413,521

Mitutoyo Corporation

May 14, 2019
Date

Haruo Tsuruoka (Assignee)
(Signatory Signature)

Haruo TSURUOKA
Executive Officer in charge of Legal Affairs

(Assignee Signatory Name, Title)

Docket No. 660051.493CS | 6778050_1.DOC