503877991 06/17/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3924640

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YUHUA DING	06/17/2016

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15186231

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.

Email:mariak@seedip.comCorrespondent Name:SEED IP LAW GROUPAddress Line 1:701 5TH AVE, SUITE 5400

Address Line 4: SEATTLE, WASHINGTON 98104

ATTORNEY DOCKET NUMBER:	660051.468
NAME OF SUBMITTER:	SHOKO I. LEEK
SIGNATURE:	/Shoko Leek/
DATE SIGNED:	06/17/2016

Total Attachments: 2

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PATENT 503877991 REEL: 038947 FRAME: 0997

WORLDWIDE ASSIGNMENT

WHEREAS, I, Yuhua Ding (hereinafter referred to as ASSIGNOR), having a mailing address of c/o Micro Encoder Inc., 11533 NE 118th St., Kirkland, WA 98034, am the sole inventor of an invention entitled "SUPER RESOLUTION BORE IMAGING SYSTEM," as described and claimed in the specification for which an application for United States letters patent was filed on June 17, 2016, and assigned Application No. 15/186,231...........

WHEREAS, Mitutoyo Corporation (hereinafter referred to as ASSIGNEE), a Japanese corporation having a place of business at 20-1, Sakado 1-Chome, Takatsu-ku, Kawasaki-shi, Kanagawa-ken, Japan 213-8533, 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.

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

6/17/2016	Uni	(Assignor)
Date	Yuhua Ding	
State of WA		ASHLEY BATCHELOR NOTARY PUBLIC
County of) SS.	STATE OF WASHINGTON COMMISSION EXPIRES MAY 9 2018
		MANUALES AND STATISTICS

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

Dated	6/17/2	.(6	***************************************
Signature of Notary Public	44		
Printed Name	A3)16.	Batchelen	
My appointment	expires	< 1912018	

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RECORDED: 06/17/2016

PATENT REEL: 038947 FRAME: 0999