502307231 04/11/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	

Name	Execution Date
Akihide Kimura	02/13/2013

RECEIVING PARTY DATA

Name:	MITUTOYO CORPORATION
Street Address:	20-1, Sakado 1-chome
Internal Address:	Takatsu-ku
City:	Kawasaki-shi, Kanagawa
State/Country:	JAPAN
Postal Code:	213-8533

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13860158

CORRESPONDENCE DATA

Fax Number: 2165669711

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 2165669700

Email: almasy@rankinhill.com Correspondent Name: Rankin Hill and Clark LLP Address Line 1: 38210 Glenn Avenue Address Line 4: Willoughby, OHIO 44094

ATTORNEY DOCKET NUMBER:	HKY-36816
NAME OF SUBMITTER:	David E. Spaw
Signature:	/David E. Spaw/
Date:	04/11/2013

Total Attachments: 2

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> **PATENT REEL: 030195 FRAME: 0986**

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ASSIGNMENT

WHEREAS, new and useful improvements have been made by the undersigned in ENCODER

that are the subject of	an application f	for a U.S. Patent, ((identified as Application No.
13/860158	filed on _	04/10/2013), which application is
still further identified a	s Rankin, Hill &	Clark LLP Docket	

WHEREAS, <u>MITUTOYO CORPORATION</u>, a corporation of <u>Japan</u>, and having a place of business at <u>20-1</u>, <u>Sakado 1-chome</u>, <u>Takatsu-ku</u>, <u>Kawasaki-shi</u>, <u>Kanagawa 213-8533 Japan</u>, hereinafter referred to as "assignee", is desirous of acquiring all right, title, and interest throughout the world in, to, and under said improvements and inventions and patent rights therefor.

NOW, THEREFORE, be it known that, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, all right, title, and interest, in the United States and throughout the world, in, to and under said improvements and inventions and all patents, patent applications, patent rights, and inventor's certificates thereof, therefor, and therein, including without limitation said application for patent in the United States, all divisions and continuations thereof, all patents which may be granted thereon, all reissues and extensions thereof, all right to sue for past infringement thereunder, all patents which may be granted for said improvements and inventions by states or nations other than the United States, or by other authority, entity, or organization, and all applications therefor, have been and are hereby sold, assigned, transferred, and delivered unto assignee, its successors and assigns; and it is covenanted and agreed by the undersigned, and for executors. administrators, and legal representatives of the undersigned, that at assignee's request any and all applications, affidavits, assignments, and other instruments will be made, executed, and delivered as may be necessary, or desirable to secure for or vest in assignee, its successors or assigns, any improvement, inventions, right, title, interest, application, patent, patent right or other right or property covered by this assignment, and the United States Commissioner of Patents and Trademarks is hereby requested and authorized to issue any and all United States patents granted on any of said applications to assignee as owner of the entire right, title, and interest in, to, and under the same, and appropriately empowered officials of foreign countries are hereby authorized to issue any letters patent granted on any of said applications to assignee as owner of the entire right, title and interest in, to, and under the same.

The undersigned hereby grants the firm of Rankin, Hill & Clark LLP the power to insert on this assignment any identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

P**₽ATENT** REEL: 030195 FRAME: 0987 IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

(1)	Inventor Name (sole or joint): Akihide KIMURA			
	Signature: Akihide KIMVRA			
	Today's Date: February 13.2013			
	Witness: <u>Kniji liala</u>			
	Witness: <u>Kruji Valce</u> Witness: <u>Italia</u> aoki			
(2)	Inventor Name (joint):			
	Signature:			
	Today's Date:			
	Witness:			
	Witness:			
(3)	Inventor Name (joint):			
	Signature:			
	Today's Date:			
	Witness:			
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RECORDED: 04/11/2013