

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT5568342

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	SHINSAKU ABE	05/31/2019
	HIDEYUKI KUSANAGI	05/31/2019
RECEIVING PARTY DATA		
Name:	MITUTOYO CORPORATION	
Street Address:	20-1, SAKADO 1-CHOME	
Internal Address:	TAKATSU-KU	
City:	KAWASAKI, KANAGAWA	
State/Country:	JAPAN	
Postal Code:	213-8533	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	16438902	
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>		
Phone:	2165669700	
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Correspondent Name:	RANKIN HILL AND CLARK LLP	
Address Line 1:	38210 GLENN AVENUE	
Address Line 4:	WILLOUGHBY, OHIO 44094	
ATTORNEY DOCKET NUMBER:	MIT-45501	
NAME OF SUBMITTER:	DAVID E. SPAW	
SIGNATURE:	/David E. Spaw/	
DATE SIGNED:	06/12/2019	
Total Attachments: 2		
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ASSIGNMENT

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

OFFLINE TEACHING DEVICE, MEASUREMENT CONTROL DEVICE, AND PROGRAM

that are the subject of an application for a U.S. Patent, (Application No. 16/438902,
filed 06/12/2019), which application is further identified as Rankin, Hill & Clark
LLP Docket No. MIT-45501.

WHEREAS, Mitutoyo Corporation, a corporation of Japan, and having a place of
business at 20-1, Sakado 1-chome, Takatsu-ku, Kawasaki, Kanagawa, 213-8533,
Japan, 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 further identification which 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.

IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

(1) Inventor Name (joint): Shinsaku Abe
Signature: Shinsaku Abe
Today's Date: 05/31/2019

Witness: _____

Witness: _____

(2) Inventor Name (joint): Hideyuki Kusanagi
Signature: 草 薙 英 幸
Today's Date: 05/31/2019

Witness: _____

Witness: _____

(3) Inventor Name (joint): _____
Signature: _____
Today's Date: _____

Witness: _____

Witness: _____

(4) Inventor Name (joint): _____
Signature: _____
Today's Date: _____

Witness: _____

Witness: _____