505156145 10/24/2018

PATENT ASSIGNMENT COVER SHEET

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 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHIZUO NISHIKAWA	05/30/2018
KOJI IIYAMA	06/05/2018
HIROKI NAKAO	05/24/2018

RECEIVING PARTY DATA

Name:	DMG MORI CO., LTD.	
Street Address:	106, KITAKORIYAMA-CHO, YAMATOKORIYAMA-SHI	
City:	NARA	
State/Country:	JAPAN	
Postal Code:	639-1160	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16095988

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.

Phone: 312-977-9902

Email:cbautista@millermatthiashull.comCorrespondent Name:MILLER, MATTHIAS & HULL LLPAddress Line 1:ONE NORTH FRANKLIN STREET

Address Line 2: SUITE 2350

Address Line 4: CHICAGO, ILLINOIS 60606

ATTORNEY DOCKET NUMBER: 50234/MFP-178-US

NAME OF SUBMITTER: BRENT E. MATTHIAS

SIGNATURE: /Brent E. Matthias/

DATE SIGNED: 10/24/2018

Total Attachments: 2

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PATENT 505156145 REEL: 047291 FRAME: 0048

ASSIGNMENT

Secial No: Concurrent herewith

Filed: Concurrent herewith

Title: MACHINING STATE DISPLAY APPARATUS

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assigns to <u>DMG MORI CO., LTD.</u>, having a place of business at <u>106</u>, <u>Kitakoriyama-cho, Yamatokoriyama-shi, Nara, 639-1160, JAPAN</u> (hereinafter "assignee"), its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, executed by the undersigned on the date indicated below, and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension thereof.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignce.

The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the execution date and/or filing date and serial number of said application when officially known.

The undersigned warrant themselves to be the owners of the interest herein assigned and to have the right to make this assignment and further warrant that there are no outstanding prior assignments, licenses, or other rights in the interest herein assigned.

For said consideration the undersigned hereby agrees, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation, continuation-in-part and substitute applications for said invention or improvements, and any necessary oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns, may deem necessary or expedient, and for said consideration the undersigned further agree upon the request of said assignee, its successors or assigns, in the event of any application or Letters Patent assigned herein becoming involved in Interference, to cooperate to the best of the ability of the undersigned with said assignee, its successors or assigns, in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, the undersigned hereby agreeing to perform, upon request, any and all affirmative acts to obtain said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in said assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by said assignee, its successors and assigns, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

PATENT REEL: 047291 FRAME: 0049

Date:	May 30, 20/8	あり 新佐 Shizuo NISHIKAWA
Date:	Jun. 5, 2018	Lgh Tuzana, Koji IIYAMA
Date:	May 24, 2018	Hiroki NAKAO