504705067 12/27/2017 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:			NEW ASSIGNMENT		
NATURE OF CONVEYANCE:			ASSIGNMENT		
CONVEYING PARTY I					
			lame	Execution Date	
TADAHIRO NAKAMURA				08/22/2017	
YAYOI ONO				08/22/2017	
RECEIVING PARTY D	ΑΤΑ				
Name:	MAKIN	MAKINO MILLING MACHINE CO., LTD.			
Street Address:	3-19, N	3-19, NAKANE 2-CHOME			
Internal Address:	MEGUI	MEGURO-KU			
City:	ТОКҮС	ТОКҮО			
State/Country:	JAPAN	JAPAN			
Postal Code:	152-85	152-8578			
PROPERTY NUMBER	S Total: 1			_	
Property Type			Number		
Application Number: 15		155771	77184		
CORRECTONDENCE					
CORRESPONDENCE Fax Number:		(703)76	60-7777		
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		l; if that	t is unsuccessful, it will be se		
		703760			
•		• •	rey@mofo.com		
•			AMITSU FUJIU MORRISON & FOERSTER LLP		
			TYSONS BOULEVARD SUITE 400		
			EAN, VIRGINIA 22102		
ATTORNEY DOCKET NUMBER:			350292014100		
NAME OF SUBMITTER:		Т	TAKAMITSU FUJIU		
SIGNATURE:			/Takamitsu Fujiu/		
DATE SIGNED:			12/27/2017		
Total Attachments: 4		.			
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PATENT REEL: 044491 FRAME: 0108

MORRISON & FOERSTER LLP

COMBINED DECLARATION AND ASSIGNMENT

Declaration:

Title of Invention: MACHINING TIME-ESTIMATING METHOD FOR WIRE ELECTRICAL DISCHARGE MACHINE AND CONTROL DEVICE FOR WIRE ELECTRICAL DISCHARGE MACHINE As the below named inventor, I hereby declare that:

This declaration is directed to [the attached application <u>or</u> United States application or PCT international application number <u>PCT/JP2015/065651</u> filed on <u>May 29, 2015.</u>]

The above-identified application was made or authorized to be made by me.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by amendment, if any, specifically referred to herein.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I acknowledge the duty to disclose all information known to me that is material to patentability as defined in 37 CFR 1.56.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001by fine or imprisonment of not more than (5) years, or both.

Assignment:

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assign(s), transfer(s) and set(s) over to:

MAKINO MILLING MACHINE CO., LTD. 3-19, Nakane 2-chome, Meguro-ku, Tokyo 152-8578, Japan

(hereinafter designated as the "ASSIGNEE"), its successors and assigns, the entire right, title, and interest for the United States in the invention, and all applications for patent and any Letters Patent which may be granted therefor, including said application, and all United States Letters Patent which may be granted thereof, and all divisions, reissues, continuations and extensions thereof, the said interest being the entire ownership of said Letters Patent when granted to be held by said ASSIGNEE, its successors, assigns or their legal representatives, 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 and enjoyed by Assignor(s) if this assignment had not been made, the application being known by the title:

MACHINING TIME-ESTIMATING METHOD FOR WIRE ELECTRICAL DISCHARGE MACHINE AND CONTROL DEVICE FOR WIRE ELECTRICAL DISCHARGE MACHINE

Attorney Docket No.: _____

PATENT REEL: 044491 FRAME: 0109

va-397584

for which the undersigned has/have executed an application for patent in the United States of America on the same day herewith. Where this instrument is not filed concurrently with the application, the following identifying information may be added after execution:

Filing Date: November 27, 2017 Serial No.: 15/577,184

The undersigned hereby agree(s) to sign and execute any 1. further documents and instruments which may be necessary, lawful and proper in the prosecution of said above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reexamination or reissue application or in any amendments, extension of interference proceedings, or otherwise to secure the title thereto to the ASSIGNEE.

2. The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property of similar agreements.

The undersigned agree(s) to perform all affirmative acts which 3. may be necessary to obtain a grant of a valid United States patent to the ASSIGNEE.

The undersigned hereby authorize(s) and request(s) the 4 Commissioner of Patents in the United States to issue any and all Letters Patent resulting from said application or any division or divisions or continuing applications thereof to the said ASSIGNEE.

5. The undersigned hereby grant(s) to the firm of Morrison & Foerster 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 WHEREBY, executed by the undersigned on the date(s) opposite the undersigned name(s).

August 22, 2017 Date

Tadahiro Nakamura Name: [Tadahiro Nakamura]

Date

Name: [Yayoi Ono]

MORRISON & FOERSTER LLP

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MACHINING TIME-ESTIMATING METHOD FOR WIRE ELECTRICAL DISCHARGE MACHINE AND CONTROL DEVICE FOR WIRE ELECTRICAL DISCHARGE MACHINE

Attorney Docket No.: _____350292014100

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IN WITNESS WHEREBY, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date

Name: [Tadahiro Nakamura]

August 22, 2017

Date

RECORDED: 12/27/2017

Yayoi Ono Name: [Yayoi Ono]

PATENT REEL: 044491 FRAME: 0112