PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4387653

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------|----------------|
| KAZUNARI ISHII | 02/23/2017 |
| TAKEHITO SHINADA | 02/23/2017 |

RECEIVING PARTY DATA

| Name: | MAKINO MILLING MACHINE CO., LTD. | |
|-------------------|----------------------------------|--|
| Street Address: | 3-19, NAKANE 2-CHOME | |
| Internal Address: | MEGURO-KU | |
| City: | TOKYO | |
| State/Country: | JAPAN | |
| Postal Code: | 152-8578 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15522230 |

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: (703) 760-7751 Email: sberry@mofo.com TAKAMITSU FUJIU **Correspondent Name:**

Address Line 1: MORRISON & FOERSTER LLP Address Line 2: 1650 TYSONS BLVD, SUITE 400

Address Line 4: MCLEAN, VIRGINIA 22102

| ATTORNEY DOCKET NUMBER: | 350292013100 | |
|-------------------------|-------------------|--|
| NAME OF SUBMITTER: | TAKAMITSU FUJIU | |
| SIGNATURE: | /Takamitsu Fujiu/ | |
| DATE SIGNED: | 04/27/2017 | |

Total Attachments: 4

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PATENT REEL: 042162 FRAME: 0617 504340965

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PATENT REEL: 042162 FRAME: 0618

MORRISON & FOERSTER LLP

COMBINED DECLARATION AND ASSIGNMENT

Declaration:

Title of Invention: CONTROL METHOD FOR MACHINING TOOL AND

CONTROL DEVICE FOR MACHINING TOOL

As the below named inventor, I hereby declare that:

This declaration is directed to [the attached application <u>or United States application or PCT international application number PCT/JP2014/078745</u> filed on <u>October 29</u>, <u>2014</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: CONTROL METHOD FOR MACHINING TOOL AND CONTROL DEVICE FOR MACHINING TOOL

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| Attorney Docket No.: _ | · | |
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| for which the undersigned has/have execute States of America on the same day herewith concurrently with the application, the follow after execution: | n. Where this instrument is not filed | |
| Serial No.: <u>15/522,230</u> | Filing Date: April 26, 2017 | |
| 1. The undersigned hereby agree(s) to sign and execute any 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 and perform any act which may be necessar of the International Convention for Protection agreements. | ee(s) to execute all papers and documents by in connection with claims or provisions on of Industrial Property of similar | |
| 3. The undersigned agree may be necessary to obtain a grant of a valid | ee(s) to perform all affirmative acts which d United States patent to the ASSIGNEE. | |
| 4. The undersigned hereby authorize(s) and request(s) the 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 opposite the undersigned name(s). | d by the undersigned on the date(s) | |
| February 23, 2017 Date | Kazunari Ishii Name: [Kazunari Ishii] | |
| Date | Name: [Takehito Shinada] | |

MORRISON & FOERSTER LLP

COMBINED DECLARATION AND ASSIGNMENT

Declaration:

Title of Invention: CONTROL METHOD FOR MACHINING TOOL AND CONTROL DEVICE FOR MACHINING TOOL

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/JP2014/078745</u> filed on <u>October 29</u>, <u>2014</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: CONTROL METHOD FOR MACHINING TOOL AND CONTROL DEVICE FOR MACHINING TOOL

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| Attorney Docket No.: | | | |
|---|--|--|--|
| 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: | | | |
| Serial No.: 15/522,230 | Filing Date: April 26, 2017 | | |
| 1. The undersigned hereby agree(s) to sign and execute any 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. | | | |
| 3. The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the ASSIGNEE. | | | |
| 4. The undersigned hereby authorize(s) and request(s) the 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). | | | |
| | | | |
| Date | Name: [Kazunari Ishii] | | |
| February 23, 2017 Date | Takehito Shinada Name: [Takehito Shinada] | | |

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va-397584

RECORDED: 04/27/2017

PATENT REEL: 042162 FRAME: 0622