### 502732644 03/21/2014

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2779250

ATURE OF CONVEYA		CORRECTIVE ASSIGNMENT	CORRECTIVE ASSIGNMENT		
NATURE OF CONVEYANCE:		recorded on Reel 031701 Frame 044	Corrective Assignment to correct the INVENTOR'S NAME previously recorded on Reel 031701 Frame 0447. Assignor(s) hereby confirms the INVENTOR'S NAME SHOULD APPEAR ASTONG ZHENG		
CONVEYING PARTY D	ΑΤΑ				
		Name	Execution Date		
TONG ZHENG			10/17/2013		
RECEIVING PARTY DA	TA				
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City:	MINAM	MINAMITSURU-GUN, YAMANSHI			
State/Country:	JAPAN	JAPAN			
Postal Code:	401-05	401-0597			
Property TypeApplication Number:1409		<b>Number</b> 14094650			
CORRESPONDENCE D Fax Number: <i>Correspondence will b</i> <i>US Mail.</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	e sent to	o <i>the e-mail address first; if that is unsuc</i> 7036841111 bjhgroup@ipfirm.com LOWE HAUPTMAN & HAM LLP 2318 MILL ROAD SUITE 1400 ALEXANDRIA, VIRGINIA 22314	cessful, it will be sent via		
ATTORNEY DOCKET NUMBER:		4952-158			
		BENJAMIN J. HAUPTMAN	BENJAMIN J. HAUPTMAN		
NAME OF SUBMITTER:		/Benjamin J. Hauptman/	/Benjamin J. Hauptman/		
BIGNATURE:			03/21/2014		
		03/21/2014			



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NATURE OF CONVEYANCE:		ASSIGNMENT					
CONVEYING PARTY DATA							
	Na	me	Execution Dat	e			
ZHENG TONG		· · · · · · · · · · · · · · · · · · ·	10/17/2013				
RECEIVING PARTY DATA							
	FANUC CORPORATION						
	3580, SHIBOKUSA AZA-KOMANBA						
Internal Address: OSHING							
	MINAMITSURU-GUN, YAMANASHI						
	JAPAN						
Postal Code: 401-059	401-0597						
PROPERTY NUMBERS Total: 1							
Property Type		Number					
Application Number:	14094	14094650					
CORRESPONDENCE DATA							

http://epas.uspto.gov/com/receipt.jsp?iname=93UP9NPFR146-6786 **PATENT** 12/2/2013 **REEL: 032493 FRAME: 0219** 

#### USPTO. EPAS. Receipt

Fax Number:(703)518-5499Phone:7036841111Email:bjhgroup@ipfirm.comCorrespondence will be sent via US Mail when the email attempt is unsuccessful.Correspondent Name:BENJAMIN J. HAUPTMANAddress Line 1:2318 MILL ROADAddress Line 2:SUITE 1400Address Line 4:ALEXANDRIA, VIRGINIA 22314						
ATTORNEY DOCKET NUMBER:	4952-158 (FFA-2776)					
NAME OF SUBMITTER:	BENJAMIN J. HAUPTMAN					
Signature:	/Benjamin J. Hauptman/					
Date:	12/02/2013					
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RECEIPT INFORMATION EPAS ID: PAT2633813						
	/2013					

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#### Docket No .:

#### ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

1) Tong Zheng

2)

3)

who has made a certain new and useful invention, hereby sells, assigns and transfers unto

#### FANUC Corporation

having a place of business at 3580, Shibokusa Aza-Komanba, Oshino-mura, Minamitsuru-gun,

Yamanashi, 401-0597 Japan

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

MACHINE TOOL INCLUDING NUMERICAL CONTROLLER WITH FUNCTION TO DETERMINE

REPLACEMENT TIME FOR MAINTENANCE COMPONEN'

(a) for which an application for United States Letters Patent was filed on \_\_\_\_\_\_, and identified by United States Patent Application No. \_\_\_\_\_\_; or

(b) for which an application for United States Letters Patent was executed on

and the undersigned hereby authorizes and requests the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefore and any and all extensions, divisions, reissues, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agrees that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agrees to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the date indicated aside my signature:

1) Tong Zhong Name: Tong Zhong

October 17, 2013

Dau

2) Name:

3) \_\_\_\_\_ Name:

Date:

Date:

**RECORDED: 03/21/2014**