

# PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Tadashi OKITA</td> <td>04/15/2010</td> </tr> <tr> <td>Hiroyuki KAWAMURA</td> <td>04/15/2010</td> </tr> <tr> <td>Junichi TEZUKA</td> <td>04/15/2010</td> </tr> <tr> <td>Kazuyuki SUGIYAMA</td> <td>04/15/2010</td> </tr> </tbody> </table>		Name	Execution Date	Tadashi OKITA	04/15/2010	Hiroyuki KAWAMURA	04/15/2010	Junichi TEZUKA	04/15/2010	Kazuyuki SUGIYAMA	04/15/2010
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<b>RECEIVING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>FANUC LTD</td> </tr> <tr> <td>Street Address:</td> <td>3580 Shibokusa Aza-Komanba, Oshi-mura,</td> </tr> <tr> <td>City:</td> <td>Minamitsuru-gun, Yamanashi</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>401-0597</td> </tr> </table>		Name:	FANUC LTD	Street Address:	3580 Shibokusa Aza-Komanba, Oshi-mura,	City:	Minamitsuru-gun, Yamanashi	State/Country:	JAPAN	Postal Code:	401-0597
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<b>PROPERTY NUMBERS Total: 1</b>											
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<b>CORRESPONDENCE DATA</b>											
<p>Fax Number: (703)518-5499</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 7036841111</p> <p>Email: hwhite@ipfirm.com</p> <p>Correspondent Name: Hannah White</p> <p>Address Line 1: 1700 Diagonal Road</p> <p>Address Line 2: Suite 300</p> <p>Address Line 4: Alexandria, VIRGINIA 22314</p>											
ATTORNEY DOCKET NUMBER:	4952-050										
NAME OF SUBMITTER:	Benjamin J. Hauptman										
Total Attachments: 1											

OP \$40.00 12821740

**501214047**

**PATENT**  
**REEL: 024585 FRAME: 0246**



# U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter "ASSIGNOR") by

(Insert  
ASSIGNEE's  
Name(s)  
Address(es))

FANUC LTD

3580, Shibokusa Aza-Komanba, Oshino-mura, Minamitsuru-gun, Yamanashi 401-0597, Japan

(hereinafter "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

(Title of  
Invention)

TOOL PATH DISPLAY APPARATUS FOR MACHINE TOOL

relating to International Patent Application PCT/JP / and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

Insert date of  
execution of  
application, if  
not concurrent)

(a) executed on \_\_\_\_\_;

(b) filed on \_\_\_\_\_;

Serial No. \_\_\_\_\_ / \_\_\_\_\_;

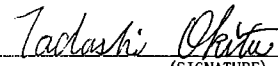

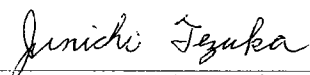
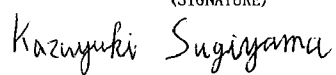
Assignee's attorney is hereby authorized to insert in (b) the specified data, when known

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

1)	 (SIGNATURE)	Tadashi Okita (TYPE NAME)	April 15, 2010 (DATE)
2)	 (SIGNATURE)	Hiroyuki Kawamura (TYPE NAME)	April 15, 2010 (DATE)
3)	 (SIGNATURE)	Junichi Tezuka (TYPE NAME)	April 15, 2010 (DATE)
4)	 (SIGNATURE)	Kazuyuki Sugiyama (TYPE NAME)	April 15, 2010 (DATE)
5)	_____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
6)	_____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
7)	_____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
8)	_____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)

PATENT

RECORDED: 06/24/2010

REEL: 024585 FRAME: 0248