

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT												
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Assignee address previously recorded on Reel 024585 Frame 0246. Assignor(s) hereby confirms the correct address is 3580 SHIBOKUSA AZA-KOMANBA, OSHINO-MURA, MINAMITSURU-GUN, YAMANASHI, JAPAN 401-0597.												
CONVEYING PARTY DATA													
<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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CORRESPONDENCE DATA													
Fax Number: (703)518-5499 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 703/684-1111 Email: bjhgroup@ipfirm.com Correspondent Name: Benjamin Hauptman Address Line 1: 1700 Diagonal Road Address Line 2: Suite 300 Address Line 4: Alexandria, VIRGINIA 22314													
ATTORNEY DOCKET NUMBER:	4952-050												

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REEL: 026480 FRAME: 0474

PATENT

NAME OF SUBMITTER:

Benjamin J. Hauptman

Total Attachments: 5

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>:HANNAH WHITE COMPANY:17/ DIAGONAL ROAD

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.106/24/2010
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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
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Phone: 7036841111											
Email: hwhite@ipfirm.com											
Correspondent Name: Hannah White											
Address Line 1: 1700 Diagonal Road											
Address Line 2: Suite 300											
Address Line 4: Alexandria, VIRGINIA 22314											
ATTORNEY DOCKET NUMBER:	4952-050										
NAME OF SUBMITTER:	Benjamin J. Hauptman										
Total Attachments: 1											

OP 540.00 12821740

) : HANNAH WHITE COMPANY : 17' DIAGONAL ROAD

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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))

PANUC 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/IP / 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) Tadashi Okita Tadashi Okita April 15, 2010
(SIGNATURE) (TYPE NAME) (DATE)

2) Hiroyuki Kawamura Hiroyuki Kawamura April 15, 2010
(SIGNATURE) (TYPE NAME) (DATE)

3) Junichi Tezuka Junichi Tezuka April 15, 2010
(SIGNATURE) (TYPE NAME) (DATE)

4) Kazuyuki Sugiyama Kazuyuki Sugiyama April 15, 2010
(SIGNATURE) (TYPE NAME) (DATE)

5) _____
(SIGNATURE) (TYPE NAME) (DATE)

6) _____
(SIGNATURE) (TYPE NAME) (DATE)

7) _____
(SIGNATURE) (TYPE NAME) (DATE)

8) _____
(SIGNATURE) (TYPE NAME) (DATE)

PATENT

RECORDED: 06/23/2011

REEL: 026480 FRAME: 0478