

# PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT				
NATURE OF CONVEYANCE:	ASSIGNMENT				
CONVEYING PARTY DATA					
<table border="1" style="width: 100%;"> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> <tr> <td>Yasuhiko Kikkawa</td> <td>11/07/2007</td> </tr> </table>	Name	Execution Date	Yasuhiko Kikkawa	11/07/2007	
Name	Execution Date				
Yasuhiko Kikkawa	11/07/2007				
RECEIVING PARTY DATA					
Name:	Makino Milling Machine Co., Ltd.				
Street Address:	3-19, Nakane 2-chome, Meguro-ku				
City:	Tokyo				
State/Country:	JAPAN				
Postal Code:	152-8578				
PROPERTY NUMBERS Total: 1					
<table border="1" style="width: 100%;"> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> <tr> <td>Application Number:</td> <td>11914832</td> </tr> </table>	Property Type	Number	Application Number:	11914832	
Property Type	Number				
Application Number:	11914832				
CORRESPONDENCE DATA					
<p>Fax Number: (215)567-5057</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 215-568-4900</p> <p>Email: jmcnulty@paulandpaul.com</p> <p>Correspondent Name: PAUL AND PAUL</p> <p>Address Line 1: 2000 MARKET STREET</p> <p>Address Line 2: SUITE 2900</p> <p>Address Line 4: PHILADELPHIA, PENNSYLVANIA 19103</p>					
ATTORNEY DOCKET NUMBER:	330-07				
NAME OF SUBMITTER:	John F. McNulty, Esquire				
<p>Total Attachments: 1</p> <p>source=Assignment#page1.tif</p>					

OP \$40.00 11914832

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PATENT  
REEL: 020155 FRAME: 0573

# 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))

MAKINO MILLING MACHINE CO., LTD.

3-19, Nakane 2-chome, Meguro-ku, Tokyo 152-8578, 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)

SPINDLE DEVICE OF MACHINE TOOL

relating to International Patent Application PCT/JP 2005 / 010093 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. \_\_\_\_\_ / \_\_\_\_\_ ;

( \_\_\_\_\_ ) 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) Yasuhiko Kikkawa  
(SIGNATURE)

Yasuhiko Kikkawa  
(TYPE NAME)

November 7, 2007  
(DATE)

2) \_\_\_\_\_  
(SIGNATURE)

(TYPE NAME)

(DATE)

3) \_\_\_\_\_  
(SIGNATURE)

(TYPE NAME)

(DATE)

4) \_\_\_\_\_  
(SIGNATURE)

(TYPE NAME)

(DATE)

5) \_\_\_\_\_  
(SIGNATURE)

(TYPE NAME)

(DATE)

6) \_\_\_\_\_  
(SIGNATURE)

(TYPE NAME)

(DATE)

PATENT

RECORDED: 11/19/2007

REEL: 020155 FRAME: 0574