

A/D 581 -40

Docket No.: 125-03 10/470089

FORM PTO-1595 (Modified)
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T U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

7-23-03



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To the Honorable Commissioner of Pate. 102642439 attached original documents or copy thereof.

1. Name of conveying party(ies):
Yasuhiko Kikkawa
Akihiro Mochizuki

Additional names(s) of conveying party(ies) ☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: **Makino Milling Machine Co., LTD.**

Address: **3-19, Nakane 2-chome, Meguro-ku**

City: **Tokyo** State/Prov.: _____

Country: **Japan** ZIP: _____

Additional name(s) & address(es) ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger

☐ Security Agreement ☐ Change of Name

☐ Other _____

Execution Date: **July 10, 2003**

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is: **July 10, 2003**

Patent Application No.	Filing date	B. Patent No.(s)
07/30/2003 LLANDGRA 00000080 10470089		
02 FC:8021	40.00 OP	

Additional numbers ☐ Yes ☐ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: **John F. McNulty, Esquire**

Registration No. **23,028**

Address: **Paul & Paul**

2900 Two Thousand Market Street

City: **Philadelphia** State/Prov.: **PA**

Country: **USA** ZIP: **19103**

6. Total number of applications and patents involved: **1**

7. Total fee (37 CFR 3.41):.....\$ **40.00**

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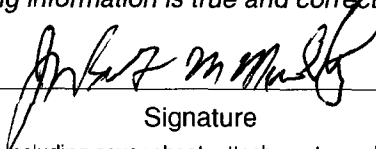
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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

John F. McNulty, Esquire  **July 23, 2003**

Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and **2**

Mail documents to be recorded with required cover sheet information to:
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PATENT
REEL: 014854 FRAME: 0552

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

MAKINO MILLING MACHINE CO., LTD.

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

3-19, Nakane 2-chome, Meguro-ku, Tokyo, 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
SPINDLE DEVICE OF MACHINE TOOL AND METHOD OF REPLACING SPINDLE

(Title of
Invention)

relating to International Patent Application PCT/JP 02 / 08889 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) <u><i>Y. Kikkawa</i></u> (SIGNATURE)	Yasuhiko Kikkawa (TYPE NAME)	July 10, 2003 (DATE)
2) <u>AKIHIRO MOCHIZUKI</u> (SIGNATURE)	Akihiro Mochizuki (TYPE NAME)	July 10, 2003 (DATE)
3) _____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
4) _____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
5) _____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
6) _____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
7) _____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
8) _____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)

RECORDED: 07/23/2003

PATENT
REEL: 014854 FRAME: 0553