

A/D 581

10-06-1998

09/10/1998



100847121

09 JUL 1998  
U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Assistant Commissioner for Patent  
Box Assignments  
Washington, D.C. 20231

Attorney Docket No. 101018

MRD 7-2-98

To the Assistant Commissioner for Patents: Please record the attached original document or copy thereof.

1. A. Name of conveying parties:  
Kazuo YAMAZAKI  
Naoki MORITA  
Sadayuki MATSUMIYA  
Yasushi FUKAYA

B. Additional name(s) of conveying party(ies) attached?  
 Yes  No

2. A. Name and address of receiving parties:  
KABUSHIKI KAISHA MORI SEIKI SEISAKUSHO  
106, KITAKORIYAMA-CHO, YAMATOKORIYAMA-SHI,  
NARA 639-11 JAPAN  
MITUTOYO CORPORATION  
20-1, SAKADO 1-CHOME, TAKATSU-KU, KAWASAKI-SHI,  
KANAGAWA 213 JAPAN  
OKUMA CORPORATION  
32, TSUJIMACHI 1-CHOME, KITA-KU, NAGOYA-SHI,  
AICHI 462 JAPAN  
KAZUO YAMAZAKI  
44204 GREENVIEW DRIVE, EL MACERO, CALIFORNIA  
95618 USA

07/07/1998 PVLPE 00000021 09101198  
03 FC:501 40.00 OP

3. A. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_

B. Execution Date: June 30, 1998

B. Additional name(s) & address(es) attached?  
 Yes  No

4. A. If this document is being filed together with a new application, the execution date of the application is: June 30, 1998.

B. Patent Application No.(s) \_\_\_\_\_ C. Patent No.(s) \_\_\_\_\_

09/10/98 Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: James A. Oliff  
Address: **OLIFF & BERRIDGE, PLC**  
**P.O. Box 19928**  
**Alexandria, VA 22320**

6. Total number of applications and patents involved: 1

7. A. Total fee (37 CFR 3.41)..... \$ 40.00  
B. Enclosed (Check No. 8846)

8. Credit any overpayment or charge any underpayment to deposit account number 15-0461.

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.*

James A. Oliff Registration No. 27,075  
Joel S. Armstrong Registration No. 36,47

Date: July 2, 1998

DEPOSIT ACCOUNT USE  
AUTHORIZATION  
Please grant any extension necessary for entry; and document: 3  
Charge any fee due to our  
Deposit Account No. 15-0461  
**PATENT**  
**REEL: 9483 FRAME: 0633**

# ASSIGNMENT

(THESE Assignees)  
Four

(1-6) Insert Name(s) of Inventor(s)	(1) <u>Kazuo YAMAZAKI</u>	(4) <u>Yasushi FUKAYA</u>	
	(2) <u>Naoki MORITA</u>	(5) _____	and
	(3) <u>Sadayuki MATSUMIYA</u>	(6) _____	

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(9A) Insert Name of First Assignee	(9A) <u>KABUSHIKI KAISHA MORI SEIKI SEISAKUSHO</u>		
(10A) Insert Address of First Assignee	(10A) <u>106, Kitakoriyama-cho, Yamatokoriyama-shi, NARA 639-11 JAPAN</u>		
(9B) Insert Name of Second Assignee	(9B) <u>MITUTOYO CORPORATION</u>		
(10B) Insert Address of Second Assignee	(10B) <u>20-1, Sakado 1-chome, Takatsu-ku, Kawasaki-shi, KANAGAWA 213 JAPAN</u>		
(9C) Insert Name of Third Assignee	(9C) <u>OKUMA CORPORATION</u>		
(10C) Insert Address of Third Assignee	(10C) <u>32, Tsujimachi 1-chome, Kita-ku, Nagoya-shi, AICHI 462 JAPAN</u>		

\*See attached for the fourth Assignee

(hereinafter designated as the Assignees) the entire right, title and interest for the United States of America as defined in 3 U.S.C. §100, in the invention, and in all applications for patent including any and all divisions, continuations, substitutes, amendments, reissues, and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as

(11) Insert Identification, such as Title, Case Number or Foreign Application Number	(11) <u>METHOD AND DEVICE FOR ANALYZING NC PROGRAM FOR NC MACHINING</u>		
	(Case No. <u>101018</u> )		

for which the undersigned has (have) executed an application for patent in the United States of America

(12) Insert Date of Signing of Application	(12) on <u>June 30, 1998</u>		
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(13) Alternative Identification for filed applications	(13) U.S. application Serial Number _____		
	filed <u>July 2, 1998</u>		

1) The undersigned agree(s) to execute all papers necessary in connection with the application and any continuing, divisional or reissue applications for the invention and also to execute separate assignments in connection with such applications as the Assignee may deem necessary.

2) The undersigned agree(s) to execute all papers necessary in connection with an interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignees in every way possible in obtaining evidence and going forward with such interference.

3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignees.

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any divisional, continuing or reissue applications to the said Assignees, as Assignees of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreements in conflict herewith.

6) The undersigned hereby grant(s) the firm of OLIFF & BERRIDGE the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	<u>June 30, 1998</u>	Name of Inventor	<u>Kazuo Yamazaki</u>	(SEAL)
Date	<u>June 30, 1998</u>	Name of Inventor	<u>Naoki Morita</u>	(SEAL)
Date	<u>June 30, 1998</u>	Name of Inventor	<u>Sadayuki Matsumiya</u>	(SEAL)
Date	<u>June 30, 1998</u>	Name of Inventor	<u>Yasushi Fukaya</u>	(SEAL)
Date	_____	Name of Inventor	_____	(SEAL)
Date	_____	Name of Inventor	_____	(SEAL)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here.

Date	<u>June 30, 1998</u>	Witness	<u>[Signature]</u>	
Date	<u>June 30, 1998</u>	Witness	<u>[Signature]</u>	

**APPENDIX**

(9D) **Name of Fourth**

**Assignee**

(9D) KAZUO YAMAZAKI

(10D) **Address of Fourth**

**Assignee**

(10D) 44204 Greenview Drive, El Macero,  
California 95618 USA