

09/530019  
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Attorney Docket No. 106030

101389222

To the Director of the U.S. Patent and Trademark Office: Please record the attached original document or copy thereof.

1. A. Name of conveying party(ies):  
Masao KANAMOTO  
Yasushi FUKAYA  
Sadayuki MATSUMIYA  
Kazuo YAMAZAKI

NR  
5-15-00

B. Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

2. A. Name and address of receiving party(ies):  
MORI SEIKI CO., LTD.  
106, KITAKORIYAMA-CHO,  
YAMATOKORIYAMA-SHI, NARA 639-1104  
JAPAN

OKUMA CORPORATION  
1-32, TSUJI-MACHI, KITA-KU,  
NAGOYA-SHI, AICHI, JAPAN

MITUTOYO CORPORATION  
20-1, SAKADO 1-CHOME, TAKATSU-KU,  
KAWASAKI, KANAGAWA 213-0012, JAPAN

KAZUO YAMAZAKI  
1500, 7th STREET #7-0,  
SACRAMENTO, CA 95814 U.S.A.

09530019

3. A. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

B. Execution Date: May 1, 2000

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: \_

B. Patent Application No.(s) 09/530,019

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

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

B. Enclosed (Check No. 108540)

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

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02 FC:581

40.00 BP

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.

Thomas J. Pardini  
James A. Oliff Registration No. 27,075  
Thomas J. Pardini Registration No. 30,411

Date: James A. Oliff

Total number of pages including cover sheet, attachments, and document: 3

**PATENT**  
**REEL: 010868 FRAME: 0199**

**ASSIGNMENT  
(Four Assignees)**

(1-8)	Insert Name(s) of Inventor(s)	(1) <u>Masao KANAMOTO</u>	(6) _____
		(2) <u>Yasushi FUKAYA</u>	(7) _____
		(3) <u>Sadayuki MATSUMIYA</u>	(8) _____
		(4) <u>Kazuo YAMAZAKI</u>	(9) _____
		(5) _____	(10) _____

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>MORI SEIKI CO., LTD.</u>	
(10A)	Insert Address of First Assignee	(10A) <u>106, Kitakoriyama-cho, Yamatokoriyama-shi, Nara 639-1104 Japan</u>	
(9B)	Insert Name of Second Assignee	(9B) <u>OKUMA CORPORATION</u>	
(10B)	Insert Address of Second Assignee	(10B) <u>1-32, Tsuji-machi, Kita-ku, Nagoya-shi, Aichi, Japan</u>	
(9C)	Insert Name of Third Assignee	(9C) <u>Mitutoyo Corporation</u>	
(10C)	Insert Address of Third Assignee	(10C) <u>20-1, Sakado 1-chome, Takatsu-ku, Kawasaki, Kanagawa 213-0012, Japan</u>	
(9D)	Insert Name of Fourth Assignee	(9D) <u>Kazuo YAMAZAKI</u>	
(10D)	Insert Address of Fourth Assignee	(10D) <u>1500, 7th Street #7-0, Sacramento, California 95814 U.S.A.</u>	

(hereinafter designated as the Assignees) the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all divisions, continuations, substitutes, and 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>OPTIMIZATION METHOD AND DEVICE OF NC PROGRAM IN NC MACHINING</u>
		Attorney Docket No. _____

for which the undersigned has (have) executed an application for patent in the United States of America on even date herewith or

(12)	Insert Date of Signing of Application	(12) on <u>May 1, 2000</u>
(13)	Alternative Identification for filed applications	(13) U.S. Application Serial Number _____ filed _____

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 Assignees may deem necessary.

2) The undersigned agree(s) to execute all papers necessary in connection with any 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 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, P.L.C. 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 May 1, 2000  
Date May 1, 2000  
Date May 1, 2000  
Date May 1, 2000  
Date \_\_\_\_\_  
Date \_\_\_\_\_  
Date \_\_\_\_\_  
Date \_\_\_\_\_  
Date \_\_\_\_\_  
Date \_\_\_\_\_

Name of Inventor M. Komamoto (SEAL)  
Name of Inventor Yasushi Fukaya (SEAL)  
Name of Inventor Sadaaki Matsuura (SEAL)  
Name of Inventor K. Okawashi (SEAL)  
Name of Inventor \_\_\_\_\_ (SEAL)  
Name of Inventor \_\_\_\_\_ (SEAL)  
Name of Inventor \_\_\_\_\_ (SEAL)  
Name of Inventor \_\_\_\_\_ (SEAL)  
Name of Inventor \_\_\_\_\_ (SEAL)  
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 May 1, 2000  
Date May 1, 2000

Witness [Signature]  
Witness K. Okawashi