

Case Docket No. 000982

U.S. DI

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09/657591

To the Director of Patents and Trademarks.  
Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Yoshiaki KAKINO, Makoto FUJISHIMA, Hisashi OTSUBO,  
Hideo NAKAGAWA, Yoshinori YAMAOKA and Torao TAKESHITAAdditional name(s) of conveying party(ies) attached? NO

09/657591

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

## (1) Name: YOSHIKI KAKINO

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## (2) Name: MORI SEIKI CO., LTD.

Street Address: 106, Kitakoriyama-cho, Yamatokoriyama-shi,  
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## (3) Name: YASDA PRECISION TOOLS K.K.

Street Address: 1160, Oaza-hamanaka Satoshio-cho Asakuchi-gun,  
Okayama, 719-0303, JAPAN

## (4) Name: OSAKA KIKO CO., LTD.

Street Address: 3-21-9, Toyosaki Kita-ku,  
Osaka, 531-0072, JAPAN

## (5) Name: YAMAZAKI MAZAK CORPORATION

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Street Address: 2-3, Marunouchi 2-chome Chiyoda-ku,  
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11/21/2000 SCANNED 00000025 09/657591

13 FC:581

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3. Nature of conveyance: **Assignment**

Execution Date: **August 22,22,25,23,23 and 23, 2000**

4. Title: **ABNORMALITY DETECTION APPARATUS FOR TOOL AND  
NUMERICAL CONTROL APPARATUS PROVIDED WITH SAME**

5. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: **August 22,22,25,23,23 and 23, 2000**

A. Patent Application No.(s)      B. Patent No.(s)

Additional numbers attached? **NO**

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

Name: **Armstrong, Westerman, Hattori,  
McLeland & Naughton  
Suite 1000  
1725 K Street, N.W.  
Washington, D.C. 20006**

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

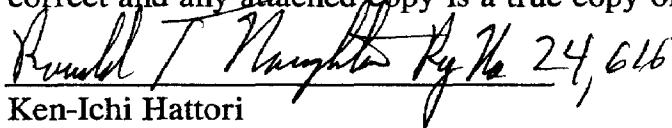
8. Total fee (37 CFR 3.41). . . . . **\$ 40.00**

**XX** Check enclosed

9. Deposit Account No.: **01-2340**

10. 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.

  
Ken-Ichi Hattori

Reg. No.: 32,861

Date **September 8, 2000**

Total number of pages including cover sheet: **4**

KH/II

**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))

**Yoshiaki KAKINO**

**256-5, Iwakura-hanazono-cho Sakyo-ku, Kyoto 606-0024, JAPAN**

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**Mitsubishi Denki Kabushiki Kaisha**

**2-3, Marunouchi 2-chome Chiyoda-ku, TOKYO 100-8310, 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)

**ABNORMALITY DETECTION APPARATUS FOR TOOL AND NUMERICAL CONTROL  
APPARATUS PROVIDED WITH SAME**

(\*If the assignment is  
being filed after the filing  
of the application, this  
section must be  
completed)

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

\*filed on \_\_\_\_\_, Serial No. \_\_\_\_\_.  
(Armstrong, Westerman, Hattori, McLeland & Naughton is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefor on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

<u>Y. Kakino</u> (SIGNATURE)	<u>Yoshiaki KAKINO</u> (TYPE NAME)	<u>22/08/2000</u> (DATE)
<u>M. Fujishima</u> (SIGNATURE)	<u>Makoto FUJISHIMA</u> (TYPE NAME)	<u>22/08/2000</u> (DATE)
<u>Hisashi</u> (SIGNATURE)	<u>Hisashi OTSUBO</u> (TYPE NAME)	<u>25/8/2000</u> (DATE)
<u>H. Nakagawa</u> (SIGNATURE)	<u>Hideo NAKAGAWA</u> (TYPE NAME)	<u>23/08/2000</u> (DATE)
<u>Y. Yamaoka</u> (SIGNATURE)	<u>Yoshinori YAMAOKA</u> (TYPE NAME)	<u>23/08/2000</u> (DATE)
<u>T. Takeshita</u> (SIGNATURE)	<u>Torao TAKESHITA</u> (TYPE NAME)	<u>23/08/2000</u> (DATE)

NO LEGALIZATION REQUIRED