

BOX ASSIGNMENTS

DO NOT USE FOR TRADEMARKS

RECORDATION FORM COVER SHEET
PATENT APPLICATIONS & PATENTS ONLY

TO THE ASSISTANT COMMISSIONER OF PATENTS AND TRADEMARKS:
SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

1. NAME OF CONVEYING PARTY(IES) (ASSIGNORS(S)):

- 1. Kouichi KATOH
- 2. Yasunori KATO
- 3. Takazumi WATANABE
- 4. Makoto SAGARA
- 5.
- 6.
- 7.
- 8.

ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? YES NO

2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:

NAME: Toshiba Kikai Kabushiki Kaisha

ADDRESS: 2-11, 4-chome Ginza, Chuo-ku, Tokyo 104-0061 Japan

ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? YES NO

3. NATURE OF CONVEYANCE (DOCUMENT):

(Submit herewith only one document for recordation—multiple copies of same Assignment signed by different inventors is one document)

- ASSIGNMENT OF WHOLE PART INTEREST
- ORIGINAL FACSIMILE/PHOTOCOPY
- CHANGE OF NAME VERIFIED TRANSLATION
- SECURITY MERGER OTHER:

EXEC. DATE: July 30, 31 and August 2, 2002

EXECUTION DATE(S) ON THE DECLARATION IF FILED HERewith: (**NOTE:** IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!)

4.5 APPL NO (S) OR PAT NO (S). OTHERS ON ADDITIONAL SHEET(S) attached? YES NO

A. PAT APP NO(S) serial code/serial no.	INVENTOR if not in Item 1	B. PATENT NO(S)	INVENTOR if not in Item 1
10/197,267	292957		

5. Name & Address of Party to Whom Correspondence Concerning Document Should be Mailed:

Pillsbury Winthrop LLP
Intellectual Property Group
P.O. Box 10500, McLean, VA 22102

6. NUMBER INVOLVED:
APPLNS 1 + PATS 0 = TOTAL = 1

7. AMOUNT OF FEE DUE. (Code 581)
ABOVE TOTAL x \$40 = \$40 (**PTO ERROR/NO FEE DUE**)

5.5 ATTY DKT:


P 292957	02/88037-TMC-US
MATTER NO.	CLIENT REF.

8. PLEASE CHARGE TO OUR DEPOSIT ACCOUNT
NUMBER: 03-3975

UNDER ORDER NO	7356	292957
dup. sheet not required	CLIENT NO.	MATTER NO.

9. 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.

10. Total number of pages including this cover sheet, attachments and document (do not file dup. Cover sheet)	5
---	---


 Signature
 Attorney: Jeffrey D. Karceski
 Reg. No. 35914
 Atty/Sec: JDK:smw

Date: December 20, 2004
FAX: (703) 905-2500

FILE WITH PTO RETURN RECEIPT (PAT-103A)

RightFax

9/15/04 11:35

PAGE 004/004

FAX 061/001

09/15/2004

700113033

DO NOT USE FOR TRADEMARKS

BOX ASSIGNMENTS

RECORDATION FORM COVER SHEET
PATENT APPLICATIONS & PATENTS ONLY

TO THE ASSISTANT COMMISSIONER OF PATENTS AND TRADEMARKS:
SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

1. NAME OF CONVEYING PARTY(IES) (ASSIGNORS(S)):

- 1. Kouichi KATOH
- 2. Yasunori KATO
- 3. Takazumi WATANABE
- 4. Makoto SAGARA
- 5.
- 6.
- 7.
- 8.

ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? YES NO

2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:

NAME: Toshiba Kikai Kabushiki Kaisha

ADDRESS: 2-11, 4-chome Ginza, Chuo-ku, Tokyo 104-0061 Japan

ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? YES NO

3. NATURE OF CONVEYANCE (DOCUMENT):

(Submit herewith only one document for recordation—multiple copies of same Assignment signed by different inventors is one document)

- ASSIGNMENT OF WHOLE PART INTEREST
- ORIGINAL FACSIMILE/PHOTOCOPY
- CHANGE OF NAME VERIFIED TRANSLATION
- SECURITY MERGER OTHER:

EXEC. DATE: July 30, 31 and August 2, 2002

EXECUTION DATE(S) ON THE DECLARATION IF FILED HEREWITH: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY) July 30, 31 and August 2, 2002

4.5 APPL NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached? YES NO

A. PAT. APP. NO.(S) series code/serial no.	IME	1* INVENTOR: if not in item 1	B. PATENT NO(S)	IME	1* INVENTOR if not in item 1
10/197,267	292857				

5. Name & Address of Party to Whom Correspondence Concerning Document Should be Mailed:

Pillsbury Winthrop LLP
Intellectual Property Group
P.O. Box 10500 McLean, VA 22102

6. NUMBER INVOLVED:
APPLNS 1 + PATS 0 = TOTAL = 1

7. AMOUNT OF FEE DUE: (Code 561)
ABOVE TOTAL x \$40 = \$40

5.5 ATTY DKT:

P 292857	02/88037-TMC-US	7356	292857
MATTER NO.	CLIENT REF.	CLIENT NO.	MATTER NO.

9. 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.

10. Total number of pages including this cover sheet, attachments and document (do not file dup. Cover sheet) 4


Signature

Attorney: Jeffrey D. Karceski
Reg. No. 25914
Atty/Sac: JDK:djh
Date: September 8, 2004
TEL: (703) 905-2110
FAX: (703) 905-2500

FILE WITH PTO RETURN RECEIPT (PAT-103A)

U.S. ASSIGNMENT

WHEREAS:

Kouichi KATOH whose full post office address is,
1974-2, Ooka, Numadu-shi, Shizuoka-ken, Japan.

Yasunori KATO whose full post office address is,
6-1, Minamihutsukamachi, Mishima-shi, Shizuoka-ken, Japan.

Takazumi WATANABE whose full post office address is,
15-36, Bunkyouchou 2-chome, Mishima-shi, Shizuoka-ken, Japan,

and

Makoto SAGARA whose full post office address is,
11-15, Asahigaoka, Mishima-shi, Shizuoka-ken, Japan

(hereinafter referred to as ASSIGNOR), has/have invented
certain new and useful :

MACHINE TOOL, TOOL, AND TOOL HOLDER

(a) for which an application for United States Letters Patent
is being executed and filed concurrently herewith;

(b) for which an application for United States Letters Patent
was executed on _____;

(c) for which an application for United States Letters Patent
was filed on _____,

Serial No. _____;

(d) for which an PCT International application was filed on
_____ as International application No. _____.

WHEREAS:

TOSHIBA KIKAI KABUSHIKI KAISHA

2-11, 4-chome Ginza, Chuo-ku, Tokyo 104-0061 Japan

(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt and sufficiency of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE, its lawful successors and assigns, the full and exclusive right, title and interest to said invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, division, continuation-in-part, reexamination, renewal, substitute, extension or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted; and authorize and request the Commissioner of Patent of the United States and any official of any foreign country whose duty it is to issue patents of legal equivalents thereto, to issue same for this invention to ASSIGNEE, its lawful successors and assigns.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/WE have hereunto set hand and signed on the date indicated below:

INVENTOR(S) DATE SIGNED WITNESS(ES)

1) Kouich Katoh JULY 30, 2002 Piyobaya Sekine

2) Yasunori Kato July 31, 2002 Joshio Tsachiya

- 3) J. Watanabe July 31, 2002 T. Higamoto

- 4) M. Sogard 02 Aug. 2002 S. Naito