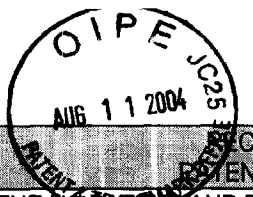


BOX ASSIGNMENTS



08-18-2004

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8-11-04

TO THE DIRECTOR OF THE US PATENT AND T
SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

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

- 1. Shoko KUBOTA
- 2.
- 3.
- 4.
- 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: May 31, 2004

EXECUTION DATE(S) ON THE DECLARATION IF FILED HEREWITH: (**NOTE:** IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) May 31, 2004

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	M#	1* INVENTOR If not in item 1	B. PATENT NO(S)	M#	1* INVENTOR if not in item 1
10/846,915	0309735				

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 8021)
ABOVE TOTAL x \$40 = \$40

5.5 ATTY DKT:

P 0309735	03/8108-TMC-US
MATTER NO.	CLIENT REF.

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

UNDER ORDER NO	007356	0309735
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) 3

Attorney: Jeffrey D. Karceski

Reg. No. 35914

Atty/Sec: JDK/nlh

TEL: (703) 905-2110

Date: August 11, 2004

FAX: (703) 905-2500

FILE WITH PTO RETURN RECEIPT (PAT-103A)

08/17/2004 ECDUPER 00000076 033975 10846915

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U.S. ASSIGNMENT

WHEREAS:

Shoko KUBOTA whose full post office address is,
103-1, Higashikibougaoka, Asahi-ku, Yokohama-shi, Kanagawa-
ken 241-0826 Japan,

(hereinafter referred to as ASSIGNOR), has/have invented
certain new and useful improvement in an invention
entitled:

VACUUM CASTING DIE

- (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) Shoko KUBOTA
Shoko KUBOTA

3/5/2004

Katsuya Kuniyoshi