



TO THE ASSISTANT COMMISSIONER
SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

102375780

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

- 1. Naruaki HIRAMITSU
- 2. Yoshihiko NARUOKA
- 3. 2.14.03
- 4.
- 5.
- 6.
- 7.
- 8.

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

JCS 971 U.S. PTO
10/366343
02/14/03

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

NAME: Kabushiki Kaisha Toshiba

ADDRESS: 1-1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan

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

10366343

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: January 28, 2003

EXECUTION DATE(S) ON THE DECLARATION IF FILED HEREWITH: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) January 28, 2003

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	INVENTOR If not in Item 1	B. PATENT NO.(S)	INVENTOR If not in Item 1
New Application	0301695		

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

5.5 ATTY DKT:

P 0301695 50G34747-USA-AT
MATTER NO. CLIENT REF.

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

UNDER ORDER NO 009270 0301695
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.

Signature

10. Total number of pages including this cover sheet, attachments and document (do not file dup. Cover sheet) 2

Attorney: Dale S. Lazar

Reg. No. 28872

Date: February 14, 2003

Att/Sec: DSL/nlh

TEL: (703) 905-2126

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FILE WITH PTO RETURN RECEIPT (PAT-103A)

02/26/2003 ECDPER 00000294 033975 10366343

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For Inventions made outside USA
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Atty. Dkt. P 50G34747
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Intellectual Property Group

USA Patent Appln.
Sole or Joint

NONPROVISIONAL

**ASSIGNMENT
OF NONPROVISIONAL APPLICATION**

NONPROVISIONAL

In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to each of the undersigned, to wit:

INSERT NAME(S) OF INVENTOR(S)	(1) Naruaki HIRAMITSU	(2) Yoshihiko NARUOKA
	(3)	(4)
	(5)	<input type="checkbox"/> x box if continued on page 2

the receipt and sufficiency of which are hereby acknowledged by the undersigned who at the request of, hereby sell(s), assign(s) and transfer(s) unto:

INSERT Kabushiki Kaisha Toshiba
NAME(S) OF 1-1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan
ASSIGNEE(S)
& ADDRESS(ES)

(hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the invention and all applications including any and all divisions, continuations, substitutes, and reissues thereof; and all resulting patents, known as

TITLE OF INVENTION SHEET TAKE-OUT APPARATUS

for which the undersigned executed an application for Letters Patents of the United States of America:

NOTE → → (A) even date herewith
(Complete (B) on _____
line A, B and/or C) (C) in U.S. Appln. No. 1 filed _____

AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

NOTE → → The undersigned hereby authorize(s) Pillsbury Winthrop LLP of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

<u>INVENTORS</u>	<u>DATE SIGNED</u>	<u>WITNESSES</u>
1): <u>Naruaki Hiramitsu</u> Name: <u>Naruaki HIRAMITSU</u>	<u>2003.1.28</u>	_____
2): <u>Yoshihiko Naruoka</u> Name: <u>Yoshihiko NARUOKA</u>	<u>2003.1.28</u>	_____
3) Name: _____	_____	_____
4) Name: _____ Name: _____	_____	_____
5) Name: _____ Name: _____	_____	_____