



TO THE DIRECTOR OF THE US PATE

SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS HEREOF.

102657222

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

1. Kazuo FUKASAWA

- 3.
5.
7.

1-21-04

- 2.
4.
6.
8.

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

22264 U.S. PTO
10760560
012104

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

NAME: KABUSHIKI KAISHA TOSHIBA

ADDRESS: 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-001 Japan

ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? [ ] YES [X] 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)

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

EXEC. DATE: January 8, 2004

EXECUTION DATE(S) ON THE DECLARATION IF FILED HERewith: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) January 8, 2004

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

Table with 6 columns: 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. Row 1: UNKNOWN, 0306953, [ ], [ ], [ ]

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

10760560

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 0306953

FTL0301-US-A

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

UNDER ORDER NO

070120

0306953

MATTER NO.

CLIENT REF.

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 of Dale S. Lazar

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: January 21, 2004

Atty/Sec: DSL/nlh

TEL: (703) 905-2126

FAX: (703) 905-2500

FILE WITH PTO RETURN RECEIPT (PAT-103A)

01/28/2004 LMUELLER 00000270 033975 10760560

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Please return signed/recorded to:

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Intellectual Property Group  
1100 New York Avenue, NW  
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Washington, DC 20005-3918

USA Patent Appln.  
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Atty. Dkt. P

M#

Client Ref.

**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	(1) Kazuo FUKASAWA	(2)
NAME(S) OF	(3)	(4)
INVENTOR(S)	(5)	<input checked="" 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 \_\_\_\_\_  
ASSIGNEE(S) 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 Japan  
& 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 ANTENNA UNIT AND CARD PROCESSING SYSTEM

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

NOTE → → (A)  even date herewith  
(Complete (B)  on January 8, 2004  
line A, B and/or C) (C)  in U.S. Appln. No.         /         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.

*January 8, 2004 T.S*

<b>INVENTORS</b>	<b>DATE SIGNED</b>	<b>WITNESSES</b>
1): <u>Kazuo FUKASAWA</u>	<u>January 8, 2004</u>	<u>Saichi BUYAMA</u>
Name: _____	_____	_____
2) _____	_____	_____
Name: _____	_____	_____
3) _____	_____	_____
Name: _____	_____	_____
4) Name: _____	_____	_____
Name: _____	_____	_____
5) Name: _____	_____	_____
Name: _____	_____	_____