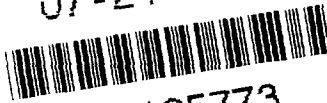


07-24-2002



102165773

Handwritten signature/initials

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

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

- 1. Hiroyuki Minaguchi signed July 5, 2002
- 2. Yasuyuki Horii signed July 5, 2002
- 3. Nobuyasu Tajima signed July 5, 2002
- 4. Masataka Tokoro signed July 5, 2002
- 5. Takayuki Arisaka signed July 5, 2002
- 6. Yasuyuki Suzuki signed July 5, 2002
- 7.
- 8.

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

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

NAME: Kabushiki Kaisha Toshiba

ADDRESS: 1-1 Shibaura 1-chome, Minato-ku, Tokyo, 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 5, 2002

10/194625

EXECUTION DATE(S) ON THE DECLARATION IF FILED HEREWITH: (**NOTE:** IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) July 5, 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	M#	1 st INVENTOR if not in item 1	B. PATENT NO(S)	M#	1 st INVENTOR if not in item 1
Unknown	0284617				

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

Pillsbury Winthrop LLP
Intellectual Property Group
725 South Figueroa Street, Suite 2800 Los Angeles, CA 90017-5406

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:

0284617	3KG033097-USA-A
MATTER NO.	CLIENT REF.

8. PLEASE CHARGE TO OUR DEPOSIT ACCOUNT
NUMBER: 16-1805

UNDER ORDER NO	085013	0284617
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.

Handwritten signature: Roger R. Wise

Signature

10. Total number of pages including this cover sheet, attachments and document (do not file dup. Cover sheet)	3
---	---

Attorney: Roger R. Wise
 Reg. No. 31204 Date: July 12, 2002
 Atty/Sec: RRW/JES TEL: (213) 488-7584 FAX: (213) 629-1033

FILE WITH PTO RETURN RECEIPT (PAT-103A)

07/24/2002 AHMED1 00000017 10194625

01 FC:581

40.00 OP

A S S I G N M E N T

In consideration of value received, I, having a mailing address at
 c/o Intellectual Property Division, KABUSHIKI KAISHA TOSHIBA, 1-1 Shibaura
 1-chome, Minato-ku, Tokyo 105-8001, Japan and a residence as stated below
 next to my name, the sole inventor (if only one name is listed below)
 or a joint inventor (if plural inventors are listed below) of an
 invention described in an application for United States patent entitled:

ELECTRONIC APPARATUS HAVING LABEL WITH CERTIFICATION MARKS

said application having been filed on _____
 and assigned Application No. _____ ;
 sell and assign to _____
 KABUSHIKI KAISHA TOSHIBA
 a corporation of Japan, having a business address at
 1-1 Shibaura 1-chome, Minato-Ku, Tokyo, Japan

its successors, assigns or nominees, hereinafter referred to as
 "Assignee", my entire right, title and interest in and to said invention
 as disclosed, shown and described in said application for United States
 patent: (check one)

executed concurrently herewith;

executed separately herefrom;

and in and to all applications for patent and patents for said invention,
 in all countries of the world, including all divisions, reissues, contin-
 uations, substitutions and extensions thereof and all rights arising
 under or pursuant to any and all international agreements, treaties or
 laws relating to the protection of industrial property, including rights
 of priority, resulting from the filing of any of said applications;
 and I authorize and request any official whose duty is to issue patents,
 to issue any patent on said invention or resulting therefrom to said
 Assignee, and I agree that on request and without further consideration,
 but at the expense of said Assignee, I will communicate to said Assignee
 or its representatives all facts known to me respecting said invention
 and testify in any legal proceeding, sign all lawful papers, execute all
 divisional, continuing, reissue, or other applications, make all rightful
 oaths and declarations, and generally do everything possible to aid said
 Assignee to obtain and enforce proper patent protection for said
 invention in all countries.

I hereby grant the following law firm the power to insert on this Assi-
 gnment any further identification which may be necessary or desirable in
 order to comply with the Rules of the U. S. Patent and Trademark Office
 for recordation of this document.

Pillsbury Winthrop LLP, 725 South Figueroa Street, Suite 2800,
 Los Angeles, California 90017-5406

ASSIGNMENT

02S0061-1

Inventor: (Signature)	Date	Residence
<u>Hiroiyuki Minaguchi</u> Hiroiyuki Minaguchi	<u>July 5, 2002</u>	<u>Higashimatsuyama-shi, Japan</u>
<u>Yasuyuki Horii</u> Yasuyuki Horii	<u>July 5, 2002</u>	<u>Ome-shi, Japan</u>
<u>Nobuyasu Tajima</u> Nobuyasu Tajima	<u>July 5, 2002</u>	<u>Ome-shi, Japan</u>
<u>Masataka Tokoro</u> Masataka Tokoro	<u>July 5, 2002</u>	<u>Tachikawa-shi, Japan</u>
<u>Takayuki Arisaka</u> Takayuki Arisaka	<u>July 5, 2002</u>	<u>Ome-shi, Japan</u>
<u>Yasuyuki Suzuki</u> Yasuyuki Suzuki	<u>July 5, 2002</u>	<u>Fussa-shi, Japan</u>

RECORDING OFFICER:
After recording please return to:
Pillsbury Winthrop LLP

725 South Figueroa Street
Suite 2800
Los Angeles, CA 90017-5406