

01-06-2000



101238974

U.S. PATENT AND TRADEMARK OFFICE

MM)  
12/16/99

Case Docket No. 991442

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Patent and Trademark Office

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To the Assistant Commissioner for Patents.  
Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

**Motohiko ITOH and Mitsuharu ISHII**

Additional name(s) of conveying party(ies) attached? NO

09/464774

2. Name and address of receiving party(ies):

Name: **FUJITSU LIMITED**

Street Address: 1-1, Kamikodanaka 4-chome, Nakahara-ku,  
Kawasaki-shi, Kanagawa, 211-8588 Japan

Additional name(s) & address(es) attached? NO

3. Nature of conveyance: **Assignment**

Execution Date: **December 8, 1999**

4. Title: **BAR-CODE READER AND CONTROLLING METHOD THEREFOR**

5. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: December 8, 1999

A. Patent Application No.(s)      B. Patent No.(s)

Additional numbers attached? NO

10678 U.S. PTO  
09/464774  
12/16/99

01/04/2000 JAN 15 0000105 09464774  
02 FC:581 40.00 UP

6. Name and address of party to whom correspondence concerning document should be mailed:

Name: Armstrong, Westerman, Hattori,  
McLeland & Naughton  
Suite 1000  
1725 K Street, N.W.  
Washington, D.C. 20006

7. Total number of applications and patents involved: 1

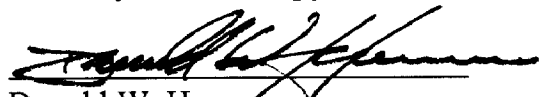
8. Total fee (37 CFR 3.41). . . . . \$ 40.00

XX Check enclosed

9. Deposit Account No.: 01-2340

10. Statement and signature.

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.



Date December 16, 1999

Donald W. Hanson  
Reg. No.: 27,133

Total number of pages including cover sheet: 3

DWH/yap

# U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter "ASSIGNOR") by

(Insert  
ASSIGNEE's  
Name(s)  
Address(es))

FUJITSU LIMITED

1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588,

Japan

(hereinafter "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

(Title of  
Invention)

BAR-CODE READER AND CONTROLLING METHOD THEREFOR

relating to International Patent Application PCT/IP \_\_\_\_\_ / \_\_\_\_\_ and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(Insert date  
of execution  
of application,  
if not  
concurrent)

(a) executed on \_\_\_\_\_ ;

(b) filed on \_\_\_\_\_ ,  
Serial No. \_\_\_\_\_ / \_\_\_\_\_ ;

( \_\_\_\_\_ ) is hereby authorized to insert in (b) the specified data, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

1) Motohiko Itoh  
(SIGNATURE)

Motohiko Itoh  
(TYPE NAME)

December 8, 1999  
(DATE)

2) Mitsuharu Ishii  
(SIGNATURE)

Mitsuharu Ishii  
(TYPE NAME)

December 8, 1999  
(DATE)

3) \_\_\_\_\_  
(SIGNATURE)

(TYPE NAME)

(DATE)

4) \_\_\_\_\_  
(SIGNATURE)

(TYPE NAME)

(DATE)

5) \_\_\_\_\_  
(SIGNATURE)

(TYPE NAME)

(DATE)

6) \_\_\_\_\_  
(SIGNATURE)

(TYPE NAME)

(DATE)

7) \_\_\_\_\_  
(SIGNATURE)

(TYPE NAME)

(DATE)

8) \_\_\_\_\_  
(SIGNATURE)

(TYPE NAME)

(DATE)

RECORDED: 12/16/1999

PATENT  
REEL: 010465 FRAME: 0889