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U.S. DEPARTMENT OF COMMERCE

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Nakahara-ku, Kawasaki-shi Kanagawa 211-8588 Japan  3. Nature of conveyance:  X Assignment		PATENTS ONLY	
FUJITSU LIMITED 1-1, Kamikodanaka, 4-chome Nakahara-ku, Kawasaki-shi Kanagawa 211-5889 Japan 3. Nature of conveyance:  X		Name of conveying party(ies): Hiroyuki TAKAKURA Hirotaka CHIBA Nobuyasu YAMAGUCHI	PTO 50
Nakahara-ku, Kawasaki-shi Kanagawa 211-8588 Japan  3. Nature of conveyance:  X	2.	Name and Address of receiving party(ies):	U.S. 3115
X Assignment		1-1, Kamikodanaka, 4-chome Nakahara-ku, Kawasaki-shi	17858 U 10/681
This document is being filed together with a new application:   (a) The execution date(s) of the application is/are: September 11, 2003   (b) The title is: BAR CODE RECOGNIZING METHOD AND DECODING APPARATUS FOR BAR CODE RECOGNITION OR   This document is being filed after filing of the application:   (a) Patent Application No(s).	3.	X Assignment Merger Security Agreement Change of Name Other: Execution Date(s): September 11, 2003	
STAAS & HALSEY LLP Attention: J. Randall Beckers 1201 New York Ave., N.W., Suite 700 Washington, D.C. 20005  6. Total number of applications and patents involved:1  7. Total fee (37 CFR 3.41)	4.	<ul> <li>☐ This document is being filed together with a new application:</li> <li>(a) The execution date(s) of the application is/are: September 11, 2003</li> <li>(b) The title is: BAR CODE RECOGNIZING METHOD AND DECODING APPARATUS FOR I CODE RECOGNITION OR</li> <li>☐ This document is being filed after filing of the application:</li> <li>(a) Patent Application No(s)/, filed; or</li> </ul>	BAR
<ul> <li>7. Total fee (37 CFR 3.41)</li></ul>	5.	STAAS & HALSEY LLP Our Docket: 826.1899 Attention: J. Randall Beckers 1201 New York Ave., N.W., Suite 700	
<ul> <li>X Enclosed         — Authorized to be charged to deposit account.</li> <li>8. Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit Account)         (Attach duplicate copy of this page if paying by deposit account)</li> <li>9. 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.</li> <li>J. Randall Beckers , Reg. No. 30,358         Name of Person Signing</li> <li>Signature</li> <li>Total number of pages including cover sheet: 2</li> </ul>	6.	Total number of applications and patents involved:1	
Account) (Attach duplicate copy of this page if paying by deposit account)  9. 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.  J. Randall Beckers, Reg. No. 30,358 Name of Person Signing  October 9, 2003 Date  Total number of pages including cover sheet: 2	7.	X Enclosed	
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.  J. Randall Beckers, Reg. No. 30,358 Name of Person Signing  October 9, 2003 Date  Total number of pages including cover sheet: 2	8.	Account)	
Name of Person Signing  Signature  Date  Total number of pages including cover sheet: 2	9.	To the best of my knowledge and belief, the foregoing information is true and correct and any attack	ched
		of Person Signing Signature Date	
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## **U.S. ASSIGNMENT**

S&H 1/00

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 Name(s) & Address(es) of ASSIGNEE(S))

FUJITSU LIMITED

FUJITSU LIMITED						
1-1, Kamikodanaka 4-chome, Naka	hara-k	u, Ka	wasaki-shi,	Kanagav	wa 211-8588 J	apan
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(hereinafter, "ASSIGNEE"), the receipt of which is here ASSIGNEE the entire and exclusive right, title and inter (Title of Invention)				ned ASSIG1	NOR hereby sells, a	ssigns and transfers to
BAR CODE RECOGNIZING METHOD AND D	ECODI	NG AF	PARATUS I	FOR BAR	CODE RECOGN	ITION
relating to International Patent Application PCT/JP	/	an	d/or for which	application	for Letters Patent of	the United States was
executed on even date herewith or, if not so executed, w	as:	(Inco	ut data of oxogu	tion of anni	ication, if not concu	umant)
(a) executed on		(Inser	т аше ој ехеси	ион ој арри	ication, y noi concu	rrenij
(b) filed on		N.W.,	Washington, L.	D.C. 20001 (	S & HALSEY 11P, 7 (202/434-1500) is he	
Serial No;		insert	in (b) the spec	ufied data, w	vhen known.	
and to said application and all Letters Patent(s) of the U substitute, reissue or reexamination application based the including any extensions thereof (collectively, hereinaft	ereon, for	the full	term or terms f	for which the	e said Letters Patent	
The ASSIGNOR agree(s), when requested by said A which the ASSIGNEE may deem necessary, desirable of including in the preparation and prosecution of said appreexamination, or public use proceeding, and in any litig	r expediention(	ent, for s s) and th	securing, maint se issuance of s	aining and e aid Letters I	enforcing protection Patent(s), in any inte	for said invention, erference, reissue,
acts to include but not be limited to executing all papers sworm testimony, and obtaining and producing evidence	, includi					
IN WITNESS WHEREOF, the undersigned inventor (Typed Name & Signature of Inventor(s))	r(s) has (		fixed his/her/th late)		e(s). ved Name & Signat	ure of Witness(es))
1) Hiroyuki Takakura Hiroyuki TAKAKURA	Sep	.11,	2003	_	Yasuko SOGA	Soga
111 Ai Y		ep. []	2003		Yasuko SOGA  Yasuko SOGA	
Hirotaka CHIBA Nobu yaku Yamayach  (1) Hirotaka CHIBA Nobu yaku Yamayach  (1) Hirotaka Chiba Nobu yaku Yamayach	-	130p.	11.2003	H-C.	1-acting 30 Gil	
Nobuyasu YAMAGUCHI					Yasuko SOGA	
4) Jangie No da Tsugio NODA	Jej	6.11	1, 200 s	<u> </u>	<u>Yasuka</u> Yasuko SOGA	Boga

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**RECORDED: 10/09/2003**