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To the Honorable Commissioner of Patents and Trademarl

	101107299						
1.	Name of conveying party(ies):						
	Masanori OHKAWA, Toshiyuki ICHIKAWA, Hiroshi WATANUKI & Kozo YAMAZAKI						
2.	Name and address of receiving party(ies):						
	FUJITSU LIMITED 1-1, Kamikodanaka, 4-chome Nakahara-ku, Kawasaki-shi, Kanagawa, 211-8588, JAPAN						
3.	Nature of conveyance:						
	X Assignment Merger Security Agreement Change of Name Other:						
	Execution Date(s): September 29, 1999						
4.	Application number(s) or patent number(s):						
	This document is being filed together with a new application: (a) The execution date(s) of the application is/are: September 29, 1999 (b) The title is: OPTICAL SCANNER, CODE READER AND BAR CODE READER HAVING INCREASED DEGREE OF FREEDOM IN PLACEMENT OF OPTICAL PARTS *** OR ***						
	This document is being filed after filing of the application: (a) Patent Application No(s), filed; or (b) Patent No(s), issued						
5.	Name and address of party to whom correspondence concerning document should be mailed:						
	STAAS & HALSEY LLP Our Docket: 21.1910\WMS Attention: William M. Schertler 700 Eleventh Street, N.W., Suite 500 Washington, D.C. 20001 Our Docket: 21.1910\WMS						
6.	Total number of applications and patents involved:1_						
7.	Total fee (37 CFR 3.41) \$ 40.00						
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Total number of pages including cover sheet: 2

PATENT REEL: 010337 FRAME: 0818

Docket No. 21.1910

U.S. ASSIGNMENT

S&H 2/95

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, 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) OPTICAL SCANNER, CODE READER AND BAR CODE READER HAVING INCREASED DEGREE OF FREEDOM IN PLACEMENT OF OPTICAL PARTS relating to International Patent Application PCT/JP__/____ 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) executed on _____; Any registered attorney of STAAS & HALSEY, 700 Eleventh Street, N.W., Suite 500, Washington, D.C. 20001 (202/434-Serial No. ___/ 1500) 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). (Typed Name & Signature of Witness(es)) (Date) (Typed Name & Signature of Inventor(s)) September 29, 1999 🗸 September 29, 1999 September 29, 1999

RECORDED: 10/21/1999

PATENT REEL: 010337 FRAME: 0819

Katsuko NAKAHARA