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FCF1. PTO-1595 1-31-92	07-22-20	02	U.S. DEPARTMENT OF COMMERC Patent and Trademark Office
			Attorney Dkt. 2271/6708
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Kazuhiko IWANAGA	RE CON	Name:	Ricoh Company, Ltd.
Additional name(s) of conveying party(ies) attached		Internal Address	:
Yes X No	N E		
3. Nature of Conveyance:	ATENT & THE	Street Address:	3-6, Nakamagome 1-chome Ohta-Ku
X Assignment Merger		City/Country	Tokyo 143-8556, JAPAN
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If this document is being filed together with a ne	ew application, the exe	ecution date of t	he application is:
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A. Patent Application No.(s) S.N. 10/11		B. Patent No.(s)
A. Patent Application No.(s) S.N. 10/11: filed April 1, 2002			
Addition	I nal numbers attached?	🗌 Yes 🖸	
5. Name and address of party to whom correspon			r of applications and patents involved:
concerning document should be mailed:			
Name:Ivan S. Kavrukov, Esg.		7. Total fee (37	CFR 3.41): \$ <u>40</u>
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Assignment

In consideration of One Dollar (\$1.00), and other good and valuable considerations, the receipt of which is hereby acknowledged, $_{\rm I}$, the undersigned,

KAZUHIKO IWANAGA of Osaka, Japan

Hereby sell, assign and transfer to RICOH COMPANY, LTD. having a place of business at 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo 143-8555, Japan its successors, assigns and legal representatives, the entire right, title and interest for all countries, in and to any and all inventions which are disclosed and claimed, and any and all inventions which are disclosed but not claimed, in the application for United States Patent, which has been executed by the undersigned on June 5, 2002

and is entitled

AN SIMD TYPE MICROPROCESSOR AND A METHOD OF SORT PROCESSING

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for U.S. Letters Patent or other related property rights in any and all foreign countries which have been or shall be filed on any of said inventions disclosed in said application; and in and to all original and reissued patents or related foreign documents which have been or shall be issued on said inventions;

Authorize and request the Commissioner of Patents of the United States to issue to said Assignee, the corporation above named, its successors, assigns and legai representatives, in accordance with this assignment, any and all United States Letters Patent on said inventions or any of them disclosed in said application;

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Agree that said Assignee may apply for and receive foreign Letters Patent or rights of any other kind for said inventions, or any of them; and may claim. in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under the provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned or the undersigned's executors or administrators will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: <u>June</u> 5. 2002 Witness: Thhil	Hazuhiko Vwanaga KAZUHIKO IWANAGA	[L.S.]
Date:	The the the	[L.S.]

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RECORDED: 07/15/2002