To the Honorable Commissioner of Patents and	-16-1999	U.S. DEPARTMENT OF CONP PATENT AND TRADEMERK OF riginal documents or copy the
1. Name of Conveying party(ies): Toshihisa SAWADA	1092111 2. Name and address o	of receiving party(ies)
		TSUSHITA GRAPHIC COMMUNICATION SYSTEMS,
Additional name(s) of conveying party(ies) attached?Yes _X_N		
3. Nature of conveyance: X_ Assignment Merger Security Agreement Change of Name		8, Shimomeguro 2-chome, Meguro-ku, okyo 153-8687 JAPAN
OtherExecution Date: April 23, 1999	_	State:ZIP:
4. Application number(s) or patent number(s): 093 If this document is being filed together with a new application A. Patent Application No.(s)	on, the execution date B. Patent No.(s)	of the application is: Apriil 23, 1999
Additional number	s attached:Yes _X_No	•
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of a	applications and patents involved: 1
Name: Bruce H. Bernstein Internal Address: P18153	_X_ Enclosed	be charged to deposit account
Street Address: <u>GREENBLUM & BERNSTEIN, P.L.C.</u> 7/14/1999 JARTIS 000000024 10%343328 Clarke Place 3 FC:581 40.00 0P City: Reston State: VA ZIP: 20191	8. Deposit account r	number:
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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.

9. Statement and signature.

Bruce H. Bernstein Reg. No. 29,027 Name of Person Signing

REEL: 010088 FRAME: 0296

ASSIGNMENT

WHEREAS, <u>Toshihisa SAWADA</u>, a citizen of <u>Japan</u>, whose post office address is <u>2-14-5</u>, <u>Ikenoue</u>, <u>Shiroi-machi</u>, <u>Inba-gun</u>, <u>Chiba 270-1425 Japan</u> hereinafter referred to as the ASSIGNOR, has invented a certain improvement relating to

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for which he has executed, on the same date as this assignment, executed an application for Letters Patent of the United States to be filed in the United States Patent and Trademark Office.

AND WHENAS, MATSUSHITA GRAPHIC COMMUNICATION SYSTEMS, INC. organized and existing under the laws of Japan, whose post-office address is 3-8, Shimomeguro 2-chome, Meguro-ku, Tokyo 153-8687 Japan, hereinafter known as the ASSIGNEE, is desirous of acquiring the entire right, title and interest for the United States in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, and prolongations thereof.

NOW, THIS WITNESSETH that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt whereof is hereby acknowledged, said ASSIGNOR hereby assigns, sells and transfers to said ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, for the United States including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, said ASSIGNEE and its assigns and legal representatives to have, hold, exercise and enjoy the said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof, with all die rights, powers, privileges, and advantages in any ways arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, and prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal representatives in as ample and beneficial a manner to all intents and purposes as the said ASSIGNOR might or could have held and enjoyed the same, if this assignment had not been made.

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AND said ASSIGNOR hereby agrees to execute all papers necessary to file applications in the United States for said invention and to assign the same to said ASSIGNEE, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing Letters Patent thereon.

AND said ASSIGNOR authorizes and requests the Commissioner of Patents to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNOR, on the respective dates indicated below.

Tashihisa SAWADA Date

PATENT RECORDED: 06/30/1999 REEL: 010088 FRAME: 0298