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102303019 an	and Trademarks: Please record the attached original documents or copy thereof.			
1. Name of Conveying party(ies): TOKUNAGA. Tetsuya YONEZAWA, Takahiro KIYOMURA. Hiroyuki SASAOKA. Tatsuo HORIE, Satoshi 11-29-02	2. Name and address of receiving party(ies) Name: MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD Internal Address:			
Additional name(s) of conveying party(ies) attached?Yes _				
3. Nature of conveyance:	Street Address: 1006, Oaza-Kadoma, Kadoma-shi,			
X Assignment Merger	Osaka 571-8501 JAPAN			
Security Agreement Change of Name				
Other				
Execution Date: October 1, 2002	Additional name(s) and address(es) attached? Yes _X_ No			
4. Application number(s) or patent number(s):				
If this document is being filed together with a new application	n, the execution date of the application is:			
A. Patent Application No.(s) 10/267.668	B. Patent No.(s)			
Addition	onal numbers attached: Yes <u>X</u> No			
 Name and address of party to whom correspondence concernidocument should be mailed: 	6. Total number of applications and patents involved: 1			
Name: Bruce H. Bernstein	7. Total Fee (37 CFR 3.41)\$40.00			
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ASSIGNMENT

WHEREAS, Tetsuya Tokunaga, a citizen of Japan, whose post office address is 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 JAPAN, Takahiro Yonezawa, a citizen of Japan, whose post office address is 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 JAPAN, Hiroyuki Kiyomura, a citizen of Japan, whose post office address is 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 JAPAN, Tatsuo Sasaoka, a citizen of Japan, whose post office address is 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 JAPAN, and Satoshi Horie, a citizen of Japan, whose post office address is 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 JAPAN, hereinafter referred to as the ASSIGNORS, have invented a certain improvement relating to

BARE CHIP MOUNTING METHOD AND
BARE CHIP MOUNTING SYSTEM

for which they have executed an application for Letters Patent of the United States in the United States Patent and Trademark Office on the date(s) indicated below.

AND WHEREAS, MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., a corporation organized and existing under the laws of Japan, whose post-office address is 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 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 ASSIGNORS hereby assign, sell and transfer 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 the 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 ASSIGNORS might or could have held and enjoyed the same, if this assignment had not been made.

AND said ASSIGNORS hereby agree 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 ASSIGNORS authorize and request the Commissioner of Patents to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE,

PATENT REEL: 013540 FRAME: 0370 its assigns and legal representatives, in accordance herewith.

RECORDED: 11/29/2002

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

witnessed by:		o- , o- ,	a
	Date	<u> Letanya Tokunag</u> Tetsuya Tokunaga	a <u>October 1, 2002</u> Date
	Date		
Witnessed by:			
	Date	<u>Jakahiro Jonezawa</u> Takahiro Yonezawa	Date 1. 2002
	Date		
Witnessed by:			
	Date	<u> Hiroyuki Kiyomu</u> Hiroyuki Kiyomura	Date Detober 1 2002
	Date		
Witnessed by:			
	Date	<u>Tatsuo sasaoka</u> Tatsuo Sasaoka	Date
	Date		
Witnessed by:			
	Date	Satoshi Horie Satoshi Horie	October 1. 2002 Date
	Date		

PATENT REEL: 013540 FRAME: 0371