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To the Honorable Director of I

original documents or copy thereof.

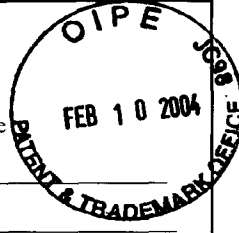
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1. Name of Conveying party(ies):  
TAN, Pek Yew  
LIM, Wei Lih  
HARADA, Yasuo  
APICCHAI CHALERMWONGSE, Chalermphol  
ANDO, Kazuhiro

Name(s) of receiving party(ies)  
Name: MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD  
Internal Address: \_\_\_\_\_

Additional name(s) of conveying party(ies) attached?  Yes  No  
3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_  
Execution Date: January 26, 2004

Street Address: 1006, Oaza-Kadoma, Kadoma-shi,  
Osaka 571-8501 JAPAN  
City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_  
Additional name(s) and address(es) attached?  Yes  No



4. Application number(s) or patent number(s):  
If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_  
A. Patent Application No.(s)  
10/654,901

B. Patent No.(s)  
Additional numbers attached:  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: Bruce H. Bernstein  
Internal Address: P24151  
Street Address: GREENBLUM & BERNSTEIN, P.L.C.  
1950 Roland Clarke Place  
City: Reston State: VA ZIP: 20191

6. Total number of applications and patents involved: 1  
7. Total Fee (37 CFR 3.41).....\$40.00  
 Enclosed  
 Authorized to be charged to deposit account  
8. Deposit account number:  
19-0089  
(Attach duplicate copy of this page if paying by deposit account)

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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.  
Bruce H. Bernstein, Reg. No. 29,027 \_\_\_\_\_  
Name of Person Signing Signature Date  
Total number of pages including cover sheet, attachments and document: 4

Mail documents to be recorded with required cover sheet information to:  
Director of the United States Patent and Trademark Office, Mail Stop Assignments  
PO Box 1450 Alexandria, Virginia 22313-1450

02/12/2004 ECOOPER 00000066 10654901

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40.00 DP

P24151.AS1

ASSIGNMENT

WHEREAS, **Pek Yew Tan**, a citizen of Malaysia, whose post office address is Block 23, Palm Grove Avenue, #03-28, 547325 Singapore, The Republic of Singapore, and **Wei Lih Lim**, a citizen of Malaysia, whose post office address is Block 512, Serangoon North Avenue 4, #06-422, 550512 Singapore, The Republic of Singapore, and **Yasuo Harada**, a citizen of Japan, whose post office address is 6-7-713, Takenodai, Nishi-ku, Kobe-shi, Hyogo 651-2274 Japan, and **Chalermphol Apichaichalermwongse**, a citizen of Thailand, whose post office address is Puraimu Shimoshima 103, 11-10, Shimoshima-cho, Kadoma-shi, Osaka 571-0075 Japan, and **Kazuhiro Ando**, a citizen of Japan, whose post office address is 1-25-47-206, Hashiridani, Hirakata-shi, Osaka 573-0063 Japan, hereinafter referred to as the ASSIGNORS, have invented a certain improvement relating to

**METHODS FOR PERFORMING MEDIUM DEDICATION IN ORDER TO ENSURE  
THE QUALITY OF SERVICE FOR DELIVERING REAL TIME DATA ACROSS  
WIRELESS NETWORK**

for which they have jointly executed an application for Letters Patent for the United States which was filed in the United States Patent and Trademark Office on September 5, 2003

If this Assignment is filed after the filing date of the above-identified application, the undersigned hereby authorize and request any one of the attorneys of record in this application including Neil F. Greenblum, Reg. No. 28,394, Bruce H. Bernstein, Reg. No. 29,027, Arnold Turk, Reg. No. 33,094, James L. Rowland, Reg. No. 32,674, Stephen M. Roylance, Reg. No. 31,296, Leslie J. Paperner, Reg. No. 33,329, William Pieprz, Reg. No. 33,630, Robert W. Mueller, Reg. No. 35,043 and William E. Lyddane, Reg. No. 41,568, of the firm Greenblum & Bernstein, P.L.C., whose address is 1950 Roland Clarke Place, Reston, Virginia 20191, to insert here in parenthesis (Application No. 10/654,901, filed September 5, 2003) the filing date and application number of said application when known.

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.


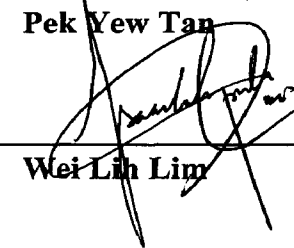
NOW, THIS WITNESSETH that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt whereof is hereby acknowledged, said ASSIGNORS hereby assign, sell and transfer to said ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title 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, its assigns and legal representatives, in accordance herewith.

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

	
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Pek Yew Tan	Date January 26, 2004
	
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Wei Lih Lim	Date January 26, 2004

Yasuo Harada Jan. 26th, 2004

Yasuo Harada Date

Chalermphol Apichaichalermwongse 26 Jan. 2004

Chalermphol Apichaichalermwongse Date

Kazuhiro Ando 26 Jan. 2004

Kazuhiro Ando Date