

02-19-2003

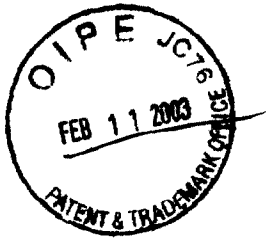
To the Honorable Commissioner of

102367537

original documents or copy thereof.

1. Name of Conveying party(ies):

YEW, Tan Pek
LIM, Wei Lih
OHMI, Shinichiro
HARADA, Yasuo



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 23, 23, February 3 and January 23, 2003

2. Name and address of receiving party(ies)

Name: MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD

Internal Address: _____

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)
10/290,185

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: P22958

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)

DO NOT USE THIS SPACE

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: 3

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments

Washington, D.C. 20231

02/14/2003 EDOOPER 00000117 10290185

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40.00 00

ASSIGNMENT

WHEREAS, **Tan Pek YEW**, a citizen of Malaysia, whose post office address is Block 128, Yishun Street 11, #05-305 Singapore 760128, The Republic of Singapore, **Wei Lih LIM**, a citizen of Malaysia, whose post office address is Block 512, Serangoon North Avenue 4, #06-422 Singapore 550512, The Republic of Singapore, **Shinichiro OHMI**, a citizen of Japan, whose post office address is 359-21, Shimotajiri, Nose-cho, Toyono-gun, Osaka 563-0123 Japan and **Yasuo HARADA**, a citizen of Japan, whose post office address is 6-7-713, Takenodai, Nishi-ku, Kobe-shi, Hyogo 651-2274 Japan, hereinafter referred to as the ASSIGNORS, have invented a certain improvement relating to

Methods for Ensuring Medium Access in a Wireless Network

for which they have jointly executed an application for Letters Patent of the United States which was filed in the United States Patent and Trademark Office on November 8, 2002 and was awarded Application No. 10/290,185.

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.

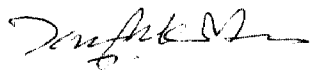
NOW, THIS WITNESSETH that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt whereof is hereby acknowledged, said ASSIGNORS hereby assign, sell and transfer to said ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title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

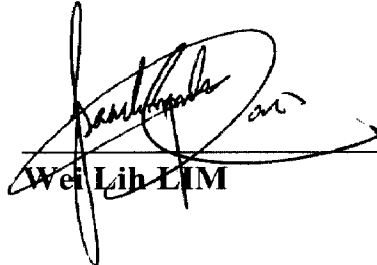
acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing Letters Patent thereon.

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 listed below.



Tan Pek YEW Jan. 23, 2003
Date



Wei Lih LIM Jan. 23, 2003
Date



Shinichiro OHMI Feb. 3, 2003
Date



Yasuo HARADA Jan. 23, 2003
Date