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ION FORM COVER SHEET  
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To

102845730

DT11 Rec'd PCT/PTO 23 JUN 2004  
s: Please record the attached original documents or copy thereof.

## 1. Name of Conveying party(ies):

TAKECHI, Hideaki  
KATO, Naonori  
TAKEDA, Hidetoshi  
YAMAMURA, Toshiki  
HAMAI, Shinji  
KUNIHARA, Tadashi

## 2. Name and address of receiving party(ies)

Name: Matsushita Electric Industrial Co., Ltd.Internal  
Address:

6-23-04

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ OtherExecution Date: March 19, 2004

Street

Address: 1006, Oaza Kadoma, Kadoma-shi,Osaka 571-8501 Japan

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

Additional names(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: March 19, 2004

A. Patent Application No.(s)

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. BernsteinInternal Address: P2549600000053 10498826

40.00 00

Street Address: GREENBLUM & BERNSTEIN, P.L.C.1950 Roland Clarke PlaceCity: Reston State: VA ZIP: 201916. Total number of applications and patents involved: 17. Total Fee (37CFR 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

By Leslie J. Depner Reg. No. 33,329

Signature

6/23/04

Date

Total number of pages including cover sheet, attachments and document: 4Mail documents to be recorded with required cover sheet information to:  
Director of the United States Patent and Trademark Office, Mail Stop Assignments  
P.O. Box 1450, Alexandria, Virginia 22313-1450PATENT  
REEL: 015814 FRAME: 0587

ASSIGNMENT

WHEREAS, **Hideaki TAKECHI**, a citizen of Japan, whose post office address is 2-19-15, Uenosaka, Toyonaka-shi, Osaka 560-0012 Japan, **Naonori KATO**, a citizen of Japan, whose post office address is 2-43-2-203, Higashiyama, Hirakata-shi, Osaka 573-1114 Japan, **Hidetoshi TAKEDA**, a citizen of Japan, whose post office address is 19-12-103, Deguchi 5-chome, Hirakata-shi, Osaka 573-0065 Japan, **Toshiki YAMAMURA**, a citizen of Japan, whose post office address is 11-31-602, Naganonishi, Suita-shi, Osaka 565-0817 Japan, **Shinji HAMAI**, a citizen of Japan, whose post office address is 77-9, Mitsujima, Kadoma-shi, Osaka 571-0015 Japan, and **Tadashi KUNIHIRA**, a citizen of Japan, whose post office address is 2-64-2, Mozuumekita-cho, Sakai-shi, Osaka 591-8031 Japan, hereinafter referred to as the ASSIGNORS, have invented a certain improvement relating to

SERVER, DEVICE, AND COMMUNICATION SYSTEM  
CONNECTED TO THE INTERNET

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.

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, and James L. Rowland, Reg. No. 32,674, of the firm Greenblum & Bernstein, P.L.C., whose address is 1941 Roland Clarke Place, Reston, Virginia 20191, to insert here in parenthesis (Application No. \_\_\_\_\_, filed \_\_\_\_\_) 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.

Witnessed by:

Masafumi Shimotani 19/march/2004  
Name Date

Hideaki Takechi 19th March 2004  
Hideaki TAKECHI Date

Rumi Ohnishi 19th March 2004  
Name Date

Witnessed by:

Masafumi Shimotani 19/march/2004  
Name Date

Naonori Kato 19/March/2004  
Naonori KATO Date

Rumi Ohnishi 19th March 2004  
Name Date

Witnessed by:

Masafumi Shimotashiro 19/march/2004  
Name Date

Hidetoshi Takeda 19/March/2004  
Hidetoshi TAKEDA Date

Rumi Ohnishi 19th March 2004  
Name Date

Witnessed by:

Masafumi Shimotashiro 19/march/2004  
Name Date

Toshiki Yamamura 19/March/2004  
Toshiki YAMAMURA Date

Rumi Ohnishi 19th March 2004  
Name Date

Witnessed by:

Masafumi Shimotashiro 19/march/2004  
Name Date

Shinji Hamai 19/march/2004  
Shinji HAMAI Date

Rumi Ohnishi 19th March 2004  
Name Date

Witnessed by:

Masafumi Shimotashiro 19/march/2004  
Name Date

Tadashi Kunihiro 19/March/2004  
Tadashi KUNIHIRA Date

Rumi Ohnishi 19th March 2004  
Name Date