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Tatsuo Ogawa
Yoshihiro Bessho
Satoru Tomekawa
Yasuhiro NakataniYOJI Ueda
Susumu Matsuoka
Daizo Andoh
Fumio Echigo

02/25/03

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

Matsushita Electric Industrial Co., Ltd.
1006-banchi Oaza-Kadoma
Kadoma-shi
Osaka 571-8501
JapanAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ NoAdditional name(s) & address(es) attached? ☐ Yes ☒ No

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Execution Date: July 23, 2001

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A. Patent Application No.(s)

09/928,869

B. Patent No.(s)

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Name: Douglas P. Mueller
Address: Merchant & Gould P.C.
P.O. Box 2903
Minneapolis, MN 55402-0903

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

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PATENT
REEL: 013788 FRAME: 0307

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1. Name of conveying party(ies):

Takeshi Suzuki
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Yasuhiro Nakatani

Yojo Ueda
Susumu Matsuoka
Daizo Andoh
Fumio Echigo

8-13-01

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

Matsushita Electric Industrial Co., Ltd.
1006-banchi
Oaza-Kadoma
Kadoma-shi
Osaka 571-8501
Japan

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

Additional name(s) & address(es) attached? ☐ Yes ☒ No

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☐ Security Agreement ☐ Change of Name
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Execution Date: July 23, 2001

4. Application number(s) or patent number(s):

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08/20/2001 TDI6ZI 00000129 09928869

01 FC:581

40.00 OP

PATENT
REEL: 013788 FRAME: 0308

INSTRUCTIONS

ASSIGNMENT OF U.S. RIGHTS TO CORPORATION

WHEREAS,

Inventor(s) Name,
Address, Citizenship

1. Takeshi SUZUKI residing at 4-4-3-1301, Ibukino, Izumi-shi, Osaka 594-0041, JAPAN and a citizen of JAPAN;
2. Tatsuo OGAWA residing at The Reserve at Lenox, #3204, 1200 Reserve Drive, Atlanta, GA 30319, USA and a citizen of JAPAN;
3. Yoshihiro BESSHO residing at 1-10-40-612, Shimorokumanjicho, Higashiosaka-shi, Osaka 544-0031, JAPAN and a citizen of JAPAN;
4. Satoru TOMEKAWA residing at 1048, Oomachi, Kishiwada-shi, Osaka 596-0812, JAPAN and a citizen of JAPAN;
5. Yasuhiro NAKATANI residing at 8-13, Higashikawazoecho, Kawachinagano-shi, Osaka 586-0045, JAPAN and a citizen of JAPAN;
6. Yoji UEDA residing at 2-1-1-802, Toyosato, Higashiyodogawa-ku, Osaka-shi, Osaka 533-0013, JAPAN and a citizen of JAPAN;
7. Susumu MATSUOKA residing at 45-9, Sonenji 5-chome, Hirakata-shi, Osaka 573-0112, JAPAN and a citizen of JAPAN;
8. Daizo ANDOH residing at 4-9-8, Hoshidanishi, Katano-shi, Osaka 576-0015, JAPAN and a citizen of JAPAN;
9. Fumio ECHIGO residing at 6-11-9-303, Toyosato, Higashiyodogawa-ku, Osaka-shi, Osaka 533-0013, JAPAN and a citizen of JAPAN;

Date Patent Declaration
Signed and Title Serial
No. and filing date (if
known)

(herein called "THE UNDERSIGNED") have made an invention and have executed an application for Letters Patent of the United States on for this invention, which application is entitled

CIRCUIT BOARD AND PRODUCTION OF THE SAME

and which has been given Serial Number _____ and the filing date of _____;

Name of Corporation

AND WHEREAS Matsushita Electric Industrial Co., Ltd. (herein called "ASSIGNEE"), a corporation organized under the laws of JAPAN, and having an office and place of business at 1006-banchi, Oaza-Kadoma, Kadoma-shi, Osaka 571-8501, JAPAN

State or Country of
Incorporation and Address

wishes to acquire the entire right, title and interest in and to said invention and patent application and any Letters Patent to be obtained therefor;

NOW, THEREFORE, for and in consideration of the sum of One Dollar and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, THE UNDERSIGNED hereby sell, assign and transfer to the ASSIGNEE, its successors and assigns, the entire right, title and interest for the United States in and to the invention disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and THE UNDERSIGNED hereby authorize and request the Commissioner of Patents to issue any and all United States Letters Patent for the aforesaid invention to the ASSIGNEE of the entire right, title and interest in and to the same, for the use of the ASSIGNEE, its successors and assigns.

THE UNDERSIGNED hereby agree that THE UNDERSIGNED, their executors and legal representatives will make, execute and deliver (without charge but at the expense of the ASSIGNEE) any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said ASSIGNEE, its successors and representatives all facts known to THE UNDERSIGNED relating to said

invention and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable to vest the ASSIGNEE, its successors or assigns the entire right, title and interest in and to the said invention, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

THE UNDERSIGNED represent and agree with said ASSIGNEE its successors and assigns, that no assignment grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by THE UNDERSIGNED, and that full right to convey the same as herein expressed is possessed by THE UNDERSIGNED.

IN TESTIMONY WHEREOF, THE UNDERSIGNED have hereunto set their hand on the dates indicated below.

Each inventor must sign & date

Note: No legalization or other witness required

<u>Takeshi Suzuki</u> Signature	<u>July 23, 2001</u> Date
<u>Satoru Ogawa</u> Signature	<u>July 23, 2001</u> Date
<u>Yoshihiro Bessho</u> Signature	<u>July 23, 2001</u> Date
<u>Satoru Tomekawa</u> Signature	<u>July 23, 2001</u> Date
<u>Yasuhiro Nakatani</u> Signature	<u>July 23, 2001</u> Date
<u>Yoji Ueda</u> & m 23 July 2001 Susumu Matsuoka Signature	<u>July 23, 2001</u> Date
<u>Susumu Matsuoka</u> Signature	<u>July 23, 2001</u> Date
<u>Daijo Andoh</u> Signature	<u>July 23, 2001</u> Date
<u>Fumio Echigo</u> Signature	<u>July 23, 2001</u> Date