



02-14-2002



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Conveying Party(ies)

☒ Mark if additional names of conveying parties attached  
Execution Date  
Month Day Year  
10/29/2001

Name (line 1) Naohisa MORIMOTO

Name (line 2) B-102, Kasaodakano, 2-5-5, Nishiodakano, Toyohashi-shi, Aichi 440-0013 Japan

Second Party

Name (line 1) Ichiro MAKI

Execution Date  
Month Day Year  
10/29/2001

Name (line 2) 95-8, Saitobuncho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-0811 Japan

Receiving Party

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Name (line 1) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.

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Address (line 3) Osaka Japan 571-8501

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Enter for the first Receiving Party only.

Name Michael K. Kelly

Address (line 1) SNELL & WILMER, LLP

Address (line 2) One Arizona Center

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Address (line 4) Phoenix, Arizona 85004-2202

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# 5

Application Number(s) or Patent Number(s)

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Patent Application Number(s)

Patent Number(s)

10/000,911

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned.

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Number of Properties

Enter the total number of properties involved.

# 1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$

40.00

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Deposit Account ☐

Deposit Account

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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. Charges to deposit account are authorized, as indicated herein.

Michael K. Kelly, Reg. No. 32,848

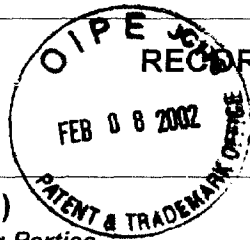
Name of Person Signing

Michael K. Kelly

Signature

1/4/2002

Date



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Conveying Party(ies)

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Enter additional Conveying Parties

Name (line 1) Hirofumi YUDAHIRA

Execution Date  
Month Day Year  
10/29/2001

Name (line 2) 1A, Yumanshon, 2030-1, Nakanogo, Arai-cho, Hamana-gun, Shizuoka 431-0301 Japan

Name (line 1)

Execution Date  
Month Day Year

Name (line 2)

Name (line 1)

Execution Date  
Month Day Year

Name (line 2)

Receiving Party

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Name (line 1) TOYOTA JIDOSHA KABUSHIKI KAISHA



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Application Number(s) or Patent Number(s)

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Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)



## ASSIGNMENT

WHEREAS, The ASSIGNOR, comprising the following named inventor(s):

1. Naohisa MORIMOTO; B-102, Kasaodakano, 2-5-5, Nishiodakano,  
Toyohashi-shi, Aichi 440-0013 Japan
2. Ichiro MAKI; 95-8, Saitobuncho, Kanagawa-ku, Yokohama-shi,  
Kanagawa 221-0811 Japan
3. Hirofumi YUDAHIRA; 1A, Yumanshon, 2030-1, Nakanogo,  
Arai-cho, Hamana-gun, Shizuoka 431-0301 Japan

have invented and own a certain invention entitled:

### BATTERY VOLTAGE MEASUREMENT DEVICE

for which application for Letters Patent of the United States was filed as U.S. Serial No.  
10/000,911 on 11/2/2001 ; and

WHEREAS, the ASSIGNEE(S):

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.  
1006, Oaza Kadoma, Kadoma-shi,  
Osaka 571-8501 Japan

and

TOYOTA JIDOSHA KABUSHIKI KAISHA  
1, Toyotacho, Toyota-shi,  
Aichi 471-8571 Japan

are desirous of acquiring the entire interest in, to and under said invention and the United States Letters Patent to be obtained therefor;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNORS of the sum corresponding to One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNORS hereby sell, assign and transfer to ASSIGNEES the full and exclusive right, title and interest to said invention and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

ASSIGNORS hereby covenant that no assignment sale agreement charge or other encumbrance has been or will be entered into which would conflict with this assignment and sale;

ASSIGNORS further covenant that ASSIGNEES will, upon their request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNORS and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEES or their legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

IN WITNESS WHEREOF, the parties have hereunto set their hands and seal

this 29th day of October, 2001.

1. Naohisa Morimoto  
(Naohisa MORIMOTO)

2. Ichiro MAKI  
(Ichiro MAKI)

3. Hirofumi YUDAHIRA  
(Hirofumi YUDAHIRA)