

A/D 581-40

10/019417

FORM PTO-1619A  
Expires 06/30/99  
OMB 0651-0027

JG13 Rec'd PCT/PTO 21 DEC 2001  
U.S. Department of Commerce  
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PATENT

03-13-2002



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HEET

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### Conveying Party(ies)

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Name (line 1) Ryuta OGAWA

Execution Date  
Month Day Year  
12/06/2001

Name (line 2) 603 Pareragaru, 1-4-15, Hashibahigashinomachi, Moriguchi-shi, Osaka 574-0031 Japan

Name (line 1) Hirokazu SUGIHARA

Execution Date  
Month Day Year  
12/06/2001

Name (line 2) 1-10-630, Ikuno, Katano-shi, Osaka 576-0054 Japan

Name (line 1)

Execution Date  
Month Day Year

Name (line 2)

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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)


10/019417

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U.S. Department of Commerce  
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Patent Application Number(s)

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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

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Number of Properties Enter the total number of properties involved. #

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

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

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

*Michael Kelly*  
Signature

12/21/2001  
Date

Name of Person Signing

## ASSIGNMENT

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

1. Tetsuo YUKIMASA; 10-1-206, Nishifunahashi 2-chome,  
Hirakata-shi, Osaka 573-1122 Japan
2. Hiroaki OKA; 913 Hirakata Garden Hills, 3-10, Nakamiyakitamachi,  
Hirakata-shi, Osaka 573-1194 Japan
3. Ryuta OGAWA; 603 Pareragaru, 1-4-15, Hashibahigashinomachi,  
Moriguchi-shi, Osaka 574-0031 Japan
4. Hirokazu SUGIHARA; 1-10-630, Ikuno, Katano-shi,  
Osaka 576-0054 Japan

have invented and own a certain invention entitled:

### EXTRACELLULAR RECORDING MULTIPLE ELECTRODE

for which application for Letters Patent of the United States was filed as U.S. Serial No.

To be assigned on 12/21/2001 ; and

WHEREAS, the ASSIGNEE(S):

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

is 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 6th day of December, 2001.

1. Tetsuo YUKIMASA  
(Tetsuo YUKIMASA)

2. Hiroaki OKA  
(Hiroaki OKA)

3. Ryuta Ogawa  
(Ryuta OGAWA)

4. Hirokazu Sugihara  
(Hirokazu SUGIHARA)