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Name (line 1) Koji SUSHIHARA

Execution Date
Month Day Year
08/22/2002

Name (line 2) 3-17-30-105, Makinosaka, Hirakata-shi, Osaka 573-1146 Japan

Execution Date
Month Day Year
08/22/2002

Second Party

Name (line 1) Akira MATSUZAWA

Name (line 2) 15-6, Yawatasumidaguchi, Yawata-shi, Kyoto 614-8068 Japan

Receiving Party

☐ Mark if additional names of receiving parties attached

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

Name (line 2)

Address (line 1) 1006, Oaza Kadoma, Kadoma-shi,

Address (line 2)

Address (line 3) Osaka

Japan

571-8501

City

State/Country

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Name Michael K. Kelly

Address (line 1) SNELL & WILMER, LLP

Address (line 2) One Arizona Center

Address (line 3) 400 E. Van Buren Street

Address (line 4) Phoenix, AZ 85004-2202

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PATENT

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Area Code and Telephone Number

602-382-6291

Name Michael K. Kelly

Address (line 1) SNELL & WILMER, LLP

Address (line 2) One Arizona Center

Address (line 3) 400 E. Van Buren Street

Address (line 4) Phoenix, AZ 85004-2202

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Application Number(s) or Patent Number(s)

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Patent Application Number(s)

10/234,596

Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application
was

Month Day Year

Patent Cooperation Treaty (PCT)

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1

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indicated herein.

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

Name of Person Signing

Michael K. Kelly

Signature

10/16/2002
Date

ASSIGNMENT

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

1. Koji SUSHIHARA; 3-17-30-105, Makinosaka, Hirakata-shi,
Osaka 573-1146 Japan
2. Akira MATSUZAWA; 15-6, Yawatasumidaguchi, Yawata-shi,
Kyoto 614-8068 Japan

have invented and own a certain invention entitled:

A/D CONVERTER

for which application for Letters Patent of the United States was filed as U.S. Serial No.
10/234,596 on Sept. 4, 2002, 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 22 day of August, 2002.

Koji Sushihara

1. _____
(Koji SUSHIHARA)

Akira Matsuzawa

2. _____
(Akira MATSUZAWA)