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10/001613
10/31/01

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Conveying Party(ies)

Mark if additional names of conveying parties attached

Name	Execution Date		
	Month	Day	Year
Name (line 1) Taro IMAGAWA	10	23	2001
Name (line 2) 1-9-5-102, Nasuzukuri, Hirakata-shi, Osaka 573-0071 Japan			
Second Party Name (line 1) Tsuyoshi MEKATA	10	23	2001
Name (line 2) 8-18-16, Kisabe, Katano-shi, Osaka 576-0052 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 Zip Code

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Domestic Representative Name and Address

Enter for the first Receiving Party only.

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 Number(s)

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

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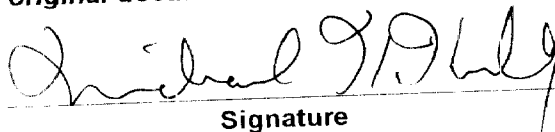
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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

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



October 31, 2001

Name of Person Signing

Signature

Date

ASSIGNMENT

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

1. Taro IMAGAWA; 1-9-5-102, Nasuzukuri, Hirakata-shi,
Osaka 573-0071 Japan
2. Tsuyoshi MEKATA; 8-18-16, Kisabe, Katano-shi,
Osaka 576-0052 Japan

have invented and own a certain invention entitled:

METHOD AND APPARATUS FOR OBJECT RECOGNITION

for which application for Letters Patent of the United States was filed as U.S. Serial No.
To be assigned on 10/31/01 ; 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 23rd day of October, 2001.

1. Taro Imagawa
(Taro IMAGAWA)

2. Tsuyoshi Mekata
(Tsuyoshi MEKATA)