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Name (line 1) Yoshihiko MATSUKAWA			11/06/2001
Name (line 2) 3-207-225, Higashiikoma, Ikoma-shi,	Nara 630-0213 Japan		Execution Date
Second Party Name (line 1) Tsuyoshi MEKATA			Month Day Year 11/06/2001
Name (line 2) 8-18-16, Kisabe, Katano-shi, Osaka 57	76 0052 Japan		
Name (line 2) 0-10-10, Kisane, Katano-shi, Osaka 3	70-0032 Japan		
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Name (line 1) MATSUSHITA ELECTRIC INDUST	RIAL CO., LTD.		If document to be recorded is an assignment and the
Name (line 2)			receiving party is not domiciled in the United States, an appointment
Address (line 1) 1006, Oaza Kadoma, Kadoma-shi,			of a domestic representative is attached. (Designation must be a
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Address (line 2)			
Address (line 3) Osaka	Japan		-8501
Domestic Representative Name and A	State/Country		Code
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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) Phocnix, AZ 85004-2202			
, 122 33 (1110 7)			
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U.S. Department of Commerce Patent and Trademark Office PATENT

Correspondent Name and Address
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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Number of Properties Enter the total number of properties involved. # 4
Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00
Method of Payment: Enclosed 🚺 Deposit Account 🔲 Deposit Account
(Enter for payment by deposit account or if additional fees can be charged to the account.) Deposit Account Number: # 19-2814
Authorization to charge additional fees: Yes Ves No
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 November 27, 2001
Name of Person Signing Signature Date

ASSIGNMENT

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

- 1. Yoshihiko MATSUKAWA; 3-207-225, Higashiikoma, Ikoma-shi,
 Nara 630-0213 Japan
 - Tsuyoshi MEKATA; 8-18-16, Kisabe, Katano-shi,
 Osaka 576-0052 Japan

have invented and own a certain invention entitled:

IMAGE DETECTION APPARATUS, PROGRAM, AND RECORDING MEDIUM

for which application for Letters Patent of the United States was filed as U.S. Serial No. To be assigned on 11/27/2001; 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.

Kellym\PHX\994442.1

PATENT REEL: 012345 FRAME: 0494

IN WITNESS WHEREOF	, the	parties	have	hereunto	set	their	hands	and	sea
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this	6th	day of	November	2001
				_)·

1. <u>Yshihibo Matsukawa</u>
(Yoshihiko MATSUKAWA)

2. Juyoshi mikata
(Tsuyoshi MEKATA)

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RECORDED: 11/27/2001

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