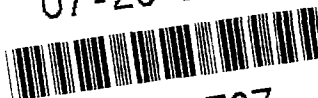




07-20-2005



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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

DOCKET NO.: 041-2073A

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereto:

1. Name of conveying party::

Eiji TAKAHASHI

Additional name(s) of conveying party(ies) attached?

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

2. Name and address of receiving party: Matsushita Electric Industrial Co., LTD.:

Name: **MATSUSHITA ELECTRIC INDUSTRIAL Co., LTD.**

Internal Address

Street Address:

1006 Oaza Kadoma,

City: **Osaka**State or Area:
Kadoma-shiZip/Postal Code: **571-8501** Country: **JAPAN**Execution Date: December 27, 2004

Additional name(s) & address(es) attached?

4. Application number(s) or patent number(s): 10/684,477

If the document is being filed together with a new application, the execution date of the application is:

A. Patent Application No(s). 10/684,477

B. Patent No(s).

Additional numbers attached?

5. Name and address of party to whom correspondence concerning document should be mailed:

Name:

MICHAEL G. GILMAN

Internal Address:

Street Address: **5522 RIVA RIDGE DRIVE**City: **WESLEY CHAPEL** State: **FL** ZIP: **33544**

6. Total number of applications and patents involved: one

7. Total fee (37 CFR 3.41)

\$40.00

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8.

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9. 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.*Reg. No. 19114January 26, 2005

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PATENT
REEL: 016777 FRAME: 0136

Docket No.: 041-2023AASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

Eiji TAKAHASHI

who has made a certain new and useful invention, hereby sells, assigns and transfers unto

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

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

IMAGE RECOGNITION METHOD AND APPARATUS UTILIZING EDGE DETECTION BASED ON MAGNITUDES
OF COLOR VECTORS EXPRESSING COLOR ATTRIBUTES OF RESPECTIVE PIXELS OF COLOR IMAGE

(a) for which an application for United States Letters Patent was filed on _____, and identified by United States Serial No. _____; or

(b) for which an application for United States Letters Patent was executed on April 3, 2000

and the undersigned hereby authorizes and requests the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agrees that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agrees to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the date indicated aside my signature:

INVENTOR

DATE SIGNED

Eiji Takahashi
Name: Eiji Takahashi

December 27, 2004