

04-05-1999

AND TRADEMARK OFFICE



Attorney Docket No. 5077-000005

101000984

COVER SHEET FOR RECORDAL OF DOCUMENT (PATENT)

jc526 U.S. PTO
09/273909
03/22/99

Hon. Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

Pursuant to 37 C.F.R. 3.31, enclosed herewith is a document for recordal in this case. The following information is provided:

(1) **Name Of Party Conveying The Interest:**

Masahiro Fukui
Masakazu Tanaka

(2) **Name And Address Of Party Receiving The Interest:**

Matsushita Electric Industrial Co., Ltd.,
a Japanese corporation,
having a place of business at
1006, Oaza Kadoma,
Kadoma-shi, Osaka 571-8501 JAPAN

09.273909

(3) **Description Of The Transaction To Be Recorded:**

☒ Assignment ☐ License
☐ Change of Name ☐ Other _____

(4) **Application(s) and/or Patent(s) Against Which Enclosure Is To Be Recorded:**

☐ Serial Number _____, filed _____
☒ Application being filed concurrently herewith.
☐ Patent Number _____, issued _____

(5) **Name And Address Of The Party To Whom Correspondence Concerning The Request To Record Should Be Mailed:**

Gregory A. Stobbs
Harness, Dickey & Pierce, P.L.C.
P.O. Box 828
Bloomfield Hills, MI 48303

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(6) **Number Of Applications and/or Patents Identified In The Cover Sheet And Total Recordal Fee:**

Number of Applications/Patents:..... one

Total Recordal Fee Enclosed:..... \$40.00

(7) **Date(s) The Document Was Executed:** March 15, 1999

To the best of my knowledge and belief, the foregoing information is true and correct, and if the attached is not an original document, the undersigned verifies that it is a true copy of the original.

If, for some reason, Applicant(s) has/have not paid a sufficient fee, please charge our Deposit Account No. 08-0750 for any further fees which may be due. A duplicate copy of this document is enclosed.

Respectfully submitted,

By: Gregory A. Stobbs
Gregory A. Stobbs
Reg. No. 28764
Attorney for Applicant(s)

Date: Mar 22, 1999

ASSIGNMENT BY JOINT INVENTORS

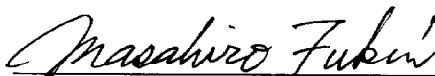
WHEREAS, the undersigned, hereinafter referred to as Assignors, have invented
CIRCUIT OPTIMIZATION SYSTEM

_____ for which
Assignor is about to make United States application for patent; and

WHEREAS, Matsushita Electric Industrial Co., Ltd., a Japanese corporation, having a
place of business at 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501, Japan
hereinafter referred to as Assignee(s), is (are) desirous of acquiring an interest therein:

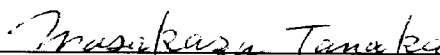
NOW, THEREFORE, for good and valuable consideration, the receipt whereof is
hereby acknowledged, Assignors by these presents do sell, assign and transfer unto
Assignee(s) Matsushita Electric Industrial Co., Ltd. successors in interest, the full and exclusive
right in the United States of America and all foreign countries, including the right to claim
priority under the laws of the United States and the Paris Convention, to the said invention as
described in the specification executed by Assignors of even date preparatory to filing a
United States application for patent therefor, said invention and all United States applications
for patent and all Letters Patent therefor to be held and enjoyed by Assignee(s) to the full end
of the term for which said Letters Patent are granted and any extensions thereof as fully and
entirely as the same would have been held by Assignors had this assignment and sale not
been made; and Assignors hereby covenant and agree to execute all instruments or
documents required or requested for the making and prosecution of applications for patent in
the United States and in all foreign countries, for litigation regarding, or for the purpose of
protecting title to the said invention, the United States application for patent, or Letters Patent
therefor for the benefit of Assignee(s) without further or other compensation than that above
set forth; and Assignors hereby request the Commissioner of Patents and Trademarks to
issue said Letters Patent of the United States of America to Assignee(s).

Dated: March 15, 1999



Masahiro FUKUI
(First joint inventor)

Dated: March 15, 1999



Masakazu TANAKA
(Second joint inventor, if any)

Dated: _____

(Third joint inventor, if any)

Dated: _____

(Fourth joint inventor, if any)

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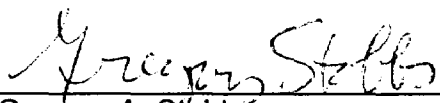
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