

FORM PTO-1595

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09-27-1999



SHEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Attorney Docket No.: 43889-880

101156146

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

1. Name of conveying party(ies): Satoshi TAKASHIMA, Makoto KOJIMA

2. Name and address of receiving party(s):
Matsushita Electric Industrial Co., Ltd.
1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 JAPAN

Additional name(s) of conveying party(ies) attached? No

Additional name(s) & address(es) attached? Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment
Merger
Security Agreement
Change of Name
Other

Execution Date: September 13, 1999

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: September 13, 1999

A. Patent Application No.(s)

B. Patent No.(s)

09/398427

Additional numbers attached? No

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

Michael E. Fogarty, Esq.
McDermott, Will & Emery
600 13th Street, N.W.
Washington, DC 20005

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$40.00

Enclosed

☒ Authorized to be charged to deposit Account

8. Deposit Account No: 13-0203

(Attached duplicate copy of this page if paying by deposit account)

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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.

Michael E. Fogarty, No. 36,139
Name of Person Signing

Signature/Date: 17 September 1999

Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

PATENT
REEL: 010258 FRAME: 0965

JOSE U.S. PTO
09/398427
09/17/99

ASSIGNMENT

WHEREAS, Satoshi TAKASHIMA, Makoto KOJIMA

hereinafter called the "Assignors," have jointly invented a new and useful invention entitled
INTERNAL STEP-DOWN CONVERTER

_____, for which they have:

- (a) filed an application for United States Letters Patent on _____ as (Serial No. _____); or
- (b) executed an application for United States Letters Patent on _____; and

WHEREAS, Matsushita Electric Industrial Co., Ltd.,
a corporation organized and existing under the laws of Japan, having a place of business at
1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501, Japan,
hereinafter called the "Assignee," is desirous of acquiring the entire right, title and interest in and
to said invention, the application above identified, and in, to and under any Letters Patent which
may be obtained to said invention, as hereinafter more fully set forth;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for and
in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient
considerations, the receipt of which by said Assignors from the said Assignee is hereby
acknowledged, the said Assignors have sold, assigned and transferred, and by these presents do
sell, assign and transfer unto the said Assignee, the entire, right, title and interest for the United
States in and to the invention and application hereinabove identified, and any Letters Patent of
the United States that may issue for said invention, together with the entire right, title and interest
in and to said invention and applications for Letters Patent and Letters Patent therefor, in all
countries foreign to the United States, including the full right to claim for any such application
all benefits and priority rights under any applicable convention; to have and to hold for the sole
and exclusive use and benefit of the said Assignee, its successors and assigns, to the full end of
the term or terms for which any and all of said Letters Patent for said inventions may issue.

And the said Assignors do hereby covenant and agree, for themselves and their legal
representatives, that they will assist their said Assignee in the prosecution of the application

herein identified; in the making and prosecution of any other applications for Letters Patent that the said Assignee may elect to make covering the invention herein identified, as hereinabove set forth; in vesting in the said Assignee like exclusive title in and to all such other applications and Letters Patent; and in the prosecution of any interference which may arise involving said invention, or any application or Letters Patent herein contemplated; and that they will execute and deliver to the said Assignee any and all additional papers which may be requested by the said Assignee to fully carry out the terms of this Assignment.

And the Commissioner of Patents and Trademarks is hereby authorized and requested to issue Letters Patent to the said Assignee in accordance the terms of this Assignment.

IN TESTIMONY WHEREOF, the said Assignors have hereunto set their hands and affixed their seals.

Date: Sep. 13, 1999

Satoshi Takashima (Seal)
Satoshi TAKASHIMA

WITNESSED:

Date: Sep. 13, 1999

Minoru Hatta (Seal)
Minoru HATTA

Date: Sep. 13, 1999

Takao Kuroda (Seal)
TAKAO KURODA

Date: Sep. 13, 1999

Makoto Kojima (Seal)
Makoto KOJIMA

WITNESSED:

Date: Sep. 13, 1999

Minoru Hatta (Seal)
Minoru HATTA

Date: Sep. 13, 1999

Takao Kuroda (Seal)
TAKAO KURODA