

8-25-05

08-31-2005



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FORM PTO-1595  
(Rev. 10/02)

ET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Docket No.: 057457-0039

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

1. Name of Conveying Party(ies):

Richard K. OSWALD, Tamotsu YAMAMOTO, Mikio  
MOTOMORI

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

3. Nature of Conveyance:

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

Execution Date: August 24, 2005  
August 24, 2005  
August 25, 2005 (respectively)

2. Name and address of receiving party(ies):

Name: MATSUSHITA ELECTRIC INDUSTRIAL CO.,  
LTD.

Address: 1006, Oaza Kadoma,  
Kadoma-shi,  
Osaka, 571-8501 JAPAN

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

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

If the document is being filed together with a new application, the execution date of the application is: August 24, 2005  
August 24, 2005  
August 25, 2005  
(respectively)

A. Patent Application No(s).

B. Patent No(s).

Additional numbers attached? ☐ Yes ☐ No

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

Name: MCDERMOTT WILL & EMERY LLP  
Internal Address:

Street Address: 600 13th Street, N.W.

City: Washington State: D. C. Zip: 20005-3096

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 number:  
500417

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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 36, 139

Name and Registration No. of Person Signing

Signature

Date

Total number of pages including cover sheet: 2

OMB No. 0651-0027 (exp. 6/30/2005)

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PATENT  
REEL: 016922 FRAME: 0229

ASSIGNMENT

WHEREAS WE, Richard OSWALD; Tamotsu YAMAMOTO; and Mikio MOTOMORI of 898 Jansen Avenue, San Jose, CA 95125; 11519 Rock Spring Court, Cupertino, CA 95014; and 10-34-407 Asahigaoka-cho, Hirakata-City, Osaka, 673-0026, Japan; respectively, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled HIGHER ORDER SLOPE COMPENSATION FOR FIXED FREQUENCY CURRENT MODE SWITCHING REGULATORS, and filed concurrently herewith;

AND WHEREAS, Matsushita Electric Industrial Co., Ltd., a corporation organized and existing under the laws of Japan and having an address of 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501, Japan is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, We do hereby sell, assign, transfer and set over unto Matsushita Electric Industrial Co., Ltd., its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including the right of priority and including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, We hereby agree with the said assignee that We will not execute any writing or do any act whatsoever conflicting with these presents, and that We will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

AND We request the Commissioner for Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Matsushita Electric Industrial Co., Ltd., its

legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

AUGUST 24, 2005

Date

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Date

Date

Date

Date

Date

Date

Date

Richard Oswald

Richard K. Oswald

Tamotsu Yamamoto

Tamotsu Yamamoto

Mikio Motomori

WDC99 1123810-1.057457.0039

ASSIGNMENT

WHEREAS WE, Richard OSWALD; Tamotsu YAMAMOTO; and Mikio MOTOMORI of 898 Jansen Avenue, San Jose, CA 95125; 11519 Rock Spring Court, Cupertino, CA 95014; and 10-34-407 Asahigaoka-cho, Hirakata-City, Osaka, 673-0026, Japan; respectively, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled HIGHER ORDER SLOPE COMPENSATION FOR FIXED FREQUENCY CURRENT MODE SWITCHING REGULATORS, and filed concurrently herewith;

AND WHEREAS, Matsushita Electric Industrial Co., Ltd., a corporation organized and existing under the laws of Japan and having an address of 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501, Japan is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, We do hereby sell, assign, transfer and set over unto Matsushita Electric Industrial Co., Ltd., its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including the right of priority and including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, We hereby agree with the said assignee that We will not execute any writing or do any act whatsoever conflicting with these presents, and that We will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

AND We request the Commissioner for Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Matsushita Electric Industrial Co., Ltd., its

legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

Date	Richard K. Oswald
Date	Tamotsu Yamamoto
Date August 25, 2005	Mikio Motomori <i>Mikio Motomori</i>
Date	
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