

12-31-2001

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TO THE ASSISTANT COMMISSIONER FC

documents or copy thereof.

1. Name of conveying party(ies): (If multiple assignors, list numerically)

- 1) Koji Morita
- 2) Takayuki Murai
- 3) Takao Yoshikawa

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

Name: Yamaha Hatsudoki Kabushiki Kaisha
Address: 2500 Shingai
Iwata, Shizuoka 438-8501, JAPAN

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

Additional name(s) of receiving party(ies) attached?
() Yes (X) No

3. Nature of conveyance:

- (X) Assignment
() Merger
() Security Agreement
() Change of Name
() Other:

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

- (X) Application(s) filed herewith
Execution Date(s): December 10, 2001

() Patent Application No.:
Filing Date:

() Patent No.:
Issue Date:

Execution Date: (If multiple assignors, list execution dates in numerical order corresponding to numbers indicated in 1 above)

Additional numbers attached? () Yes (X) No

- 1) December 10, 2001
- 2) December 10, 2001
- 3) December 10, 2001

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

Name: Jerry T. Sewell
KNOBBE, MARTENS, OLSON & BEAR, LLP
Customer No. 20,995
Internal Address: Sixteenth Floor
Street Address: 620 Newport Center Drive
City: Newport Beach **State:** CA **ZIP:** 92660
Attorney's Docket No.: FY.17451US0A

7. Total fee (37 CFR 3.41): \$40

- (X) Enclosed
(X) Authorized to be charged to deposit account if any additional fees are required, or to credit any overpayment

8. Deposit account number: 11-1410

Please charge this account for any additional fees which may be required, or credit any overpayment to this account.

6. Total number of applications and patents involved: 1

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.

Jerry T. Sewell
Name of Person Signing

Jerry T. Sewell
Signature

December 12, 2001
Date

31,567
Registration No.

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

Mail documents to be recorded with required cover sheet information to:

U.S. Patent and Trademark Office

Attn: Assignment Division

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PATENT
REEL: 012395 FRAME: 0216

Client Code: FY-17451US0A

PATENT

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ASSIGNMENT

WHEREAS, the undersigned, hereinafter referred to as Assignors, have invented new and useful improvements in a SEMICONDUCTOR DEVICE FOR POWER CONTROL for which Assignors are about to make application for United States Letters Patent; and

WHEREAS, YAMAHA HATSUDOKI KABUSHIKI KAISHA, doing business as Yamaha Motor Co., Ltd., a corporation of Japan, with its principal office at 2500 Shingai, Iwata-shi, Shizuoka-ken 438-8501, JAPAN, referred to as Assignee, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) each to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

Koji Morita
Koji Morita

Date: Dec. 10, 2001

Residence: 2500 Shingai
Iwata-shi, Shizuoka-ken 438-8501, Japan

Citizen: Japan

Witness: _____

Date: _____

Client Code: FY.17451US0A

PATENT
Page 2

Takayuki Murai
Takayuki Murai

Date: Dec. 10, 2001Residence: 2500 ShingaiIwata-shi, Shizuoka-ken 438-8501, JapanCitizen: JapanWitness: T. AnamotoDate: Dec. 10, 2001

Takao Yoshikawa
Takao Yoshikawa

Date: Dec. 10, 2001Residence: 2500 ShingaiIwata-shi, Shizuoka-ken 438-8501, JapanCitizen: Japan

Witness: _____

Date: _____

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