

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Kenji Sasaki</td><td>12/21/2004</td></tr><tr><td>Osaaki Morino</td><td>12/21/2004</td></tr><tr><td>Akihiko Yamazaki</td><td>12/21/2004</td></tr><tr><td>Yasutake Seki</td><td>12/21/2004</td></tr><tr><td>Takakatsu Hatae</td><td>12/21/2004</td></tr></tbody></table>	Name	Execution Date	Kenji Sasaki	12/21/2004	Osaaki Morino	12/21/2004	Akihiko Yamazaki	12/21/2004	Yasutake Seki	12/21/2004	Takakatsu Hatae	12/21/2004	
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Takakatsu Hatae	12/21/2004												
RECEIVING PARTY DATA													
Name:	MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.												
Street Address:	1006, Oaza Kadoma												
City:	Kadoma-shi, Osaka												
State/Country:	JAPAN												
Postal Code:	571-8501												
PROPERTY NUMBERS Total: 1													
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>10519362</td></tr></tbody></table>	Property Type	Number	Application Number:	10519362									
Property Type	Number												
Application Number:	10519362												
CORRESPONDENCE DATA													
Fax Number:	(202)429-3902												
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Total Attachments: 1 source=289515363#page1.tif													

CH \$40.00 10519362

500044398

PATENT
REEL: 016381 FRAME: 0475

ASSIGNMENT

(1-8) Insert Name(s) of Inventor(s)

(1) <u>Kenji Sasaki</u>	(5) <u>Takakatsu Hatae</u>
(2) <u>Osaaki Morino</u>	(6) _____
(3) <u>Akihiko Yamazaki</u>	(7) _____
(4) <u>Yasutake Seki</u>	(8) _____

In consideration of the sum of dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(9) Insert name of Assignee (9) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.

(10) Insert address of Assignee (10) 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 Japan

(hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions, in the invention, and all applications for patent and any Letters Patent which may be granted therefor, known as

(11) Insert Identification of Invention, such as Title, Case Number or Foreign Application Number

(11) MOTOR

(Case No. 28951.5363)

for which the undersigned has (have) executed an application for patent in the United States of America

(12) Insert Date of Signing of Application (12 on December 21, 2004)

(13) Alternative identification for filed applications (13) U.S. application Serial Number 10/519,362

filed December 28, 2004

1) The undersigned agree(s) to execute all papers necessary in connection with the application and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

6) The undersigned hereby grant(s) the firm of **PARKHURST & WENDEL, L.L.P.** the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date <u>December 21, 2004</u>	Name of Inventor <u>Kenji Sasaki</u>	<u>Kenji Sasaki</u> (SEAL)
Date <u>December 21, 2004</u>	Name of Inventor <u>Osaaki Morino</u>	<u>Osaaki Morino</u> (SEAL)
Date <u>December 21, 2004</u>	Name of Inventor <u>Akihiko Yamazaki</u>	<u>Akihiko Yamazaki</u> (SEAL)
Date <u>December 21, 2004</u>	Name of Inventor <u>Yasutake Seki</u>	<u>Yasutake Seki</u> (SEAL)
Date <u>December 21, 2004</u>	Name of Inventor <u>Takakatsu Hatae</u>	<u>Takakatsu Hatae</u> (SEAL)
Date _____	Name of Inventor _____	(SEAL)
Date _____	Name of Inventor _____	(SEAL)
Date _____	Name of Inventor _____	(SEAL)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. or (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date <u>December 21, 2004</u>	Witness <u>Kaoru Hatanaka</u>	<u>Kaoru Hatanaka</u>
Date <u>December 21, 2004</u>	Witness <u>Kaoru Hatanaka</u>	<u>Kaoru Hatanaka</u>