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

1. Name of Conveying Party(ies):
   Shouichi KOBAYASHI and Hiroki SHINDE
   Additional name(s) of conveying party(ies) attached?  Yes

2. Name and address of receiving party(ies):
   Name:  MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD
   Address:  1006, Kadoma
             Kadoma-shi
             Osaka 571-0050, JAPAN

3. Nature of Conveyance:
   - Assignment
   - Merger
   - Security Agreement
   - Change of Name
   - Other

Execution Date:   October 1, 2001

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: October 1, 2001
   A. Patent Application No(s).
      09/985742
      Additional numbers attached?  Yes
   B. Patent No(s).

5. Name and address of party to whom correspondence concerning document should be mailed:
   Name:  MCDERMOTT, WILL & EMERY
   Internal Address:
   Street Address:  600 13th Street, N.W.
   City:  Washington State:  DC Zip:  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 number:
   500417

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   Michael E. Fogarty, 36,139
   Signature  Date

Total number of pages comprising cover sheet: 1

CMB No. 0851-0011 (exp. 4/94)
ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

(1) Shouichi KOBAYASHI

(2) Hiroki SHINDE

who have made a certain new and useful invention, hereby sell, assign and transfer unto

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. of
1006, Kadoma, Kadoma-shi, Osaka 571-0050 Japan

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

TRANSMISSION POWER CONTROL METHOD AND APPARATUS, AND COMMUNICATION APPARATUS

(a) for which an application for United States Letters Patent was filed on ________________________, and identified by United States Serial No. ________________________; or

(b) for which an application for United States Letters Patent was executed on October 1, 2001,

and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

INVENTORS

1) Shouichi KOBAYASHI
   Name: Shouichi KOBAYASHI

2) Hiroki SHINDE
   Name: Hiroki SHINDE

3) 
   Name:

4) 
   Name:

DATE SIGNED

October 1, 2001

October 1, 2001

RECORDED: 11/06/2001

PATENT
REEL: 012298 FRAME: 0208