

To the Assis



original documents or copy thereof.

1. Name of conveying party(ies)
Masaki Hoshino

100827047

address of receiving party(ies):

Addit'l name(s) of conveying party(ies) attached? Yes No

Matsushita Electric Industrial Co., Ltd.
1006, Oaza Kadoma, Kadoma-shi
Osaka 571-0050
Japan

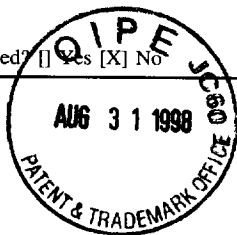
3. Nature of conveyance:

- Assignment Merger
- Security Agreement
- Change of name
- Other

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Execution Date: August 17, 1998

8-31-98



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:

A. Patent Application No.(s)
09/040,320

B. Patent No.(s)

Additional numbers attached? Yes No

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

Edward G. Faeth
Pollock, Vande Sande & Priddy
Suite 800
1990 M Street, N.W.
Washington State: D.C. Zip: 20036

6. Total number of applications and patents involved [1]

7. Total fee (37 CFR 3.41).....\$40.00
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Date: 8/31/98

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ASSIGNMENT

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

- | | |
|-----------|-----------|
| (1) _____ | (5) _____ |
| (2) _____ | (6) _____ |
| (3) _____ | (7) _____ |
| (4) _____ | (8) _____ |

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

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.
of 1006, Oaza 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

RADIO COMMUNICATION APPARATUS HAVING A PLURALITY OF COMMUNICATION FUNCTIONS

- (a) for which an application for United States Letters Patent was filed on March 18, 1998, and identified by United States Serial No 09/040,320; or
- (b) for which an application for United States Letters Patent was executed on August 17, 1998,

and the undersigned hereby authorize and request the United States Commissioner of Patent and Trademarks to issue any and all United States Letters Patents which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals or continuations 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:

<u>INVENTORS</u>	<u>DATE SIGNED</u>
1) <u>Masaki Hoshino</u> Name: Masaki Hoshino	<u>August 17, 1998</u>
2) _____ Name: _____	_____
3) _____ Name: _____	_____
4) _____ Name: _____	_____
5) _____ Name: _____	_____
6) _____ Name: _____	_____
7) _____ Name: _____	_____
8) _____ Name: _____	_____