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U.S. DEPARTMENT OF COMMERCE Patent and Trademark ( ffice

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To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof

R

Name of conveying party(ies):     Ryoichi Fukumura	Name and address of receiving party(tes):     Name: Matsushita Electric Company, Ltd.     Internal Address:
Additional name(s) of conveying party(ies) attached?	Street Address: 1006, Oaza Kadoma, Kadoma-shi. City: Osaka State: JAPAN ZIP: 571
3. Nature of Conveyance:  Assignment	Additional name of the state of
Execution Date: December 7, 1998	
<ul> <li>4. Application number(s) or patent number(s):         If this document is being filed together with a new application Number(s) 09/179,814     </li> <li>Additional number(s) attached? ☐ YES ☐ NO</li> </ul>	B. Patent Number(s)
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Lawrence E. Ashery	6. Total number of applications and patents involved: 1
Internal Address: Ratner & Prestia	7 Total fee (37 CFR 3.41): \$ 40  Enclosed
Street Address: Suite 301, One Westlakes, Berwyn, P.O. Box 980	Authorized to be charged to deposit account
City Valley Forge State: PA ZIP: 19482-0980	8 Deposit account number: 18-0350 (Attach duplicate copy of this page if paying by deposit account.)
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9. Statement and signature.	
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Registration, No.	
Total number of pages including ed OMB No 0651-0011 (exp. 4/94)	over sheet, attachments, and document: 3
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X11 DEGREEO AAAAAACO A3113014	atents and Trademarks
Box A 40.00 0P Washingto	ssignments

## ASSIGNMENT

WHEREAS, the ASSIGNOR, comprising the following named inventor(s)

	Inventor(s)		
ASSIGNOR(s)/ INVENTOR(s)	1. Ryoichi Fukumura 2		
	34		
	has made an invention entitled: WIRELESS TELEPHONE APPARATUS		
ASSIGNEE (Full Name and address)	and has executed an application for Letters Patent of the United States concurrently herewith;		
	WHEREAS, the ASSIGNEE		
	Matsushita Electric Industrial Co Ltd.		
	1006. Oaza Kadoma. Kadoma-shi, Osaka, 571 Japan		
	is desirous of acquiring the entire interest in and to said invention and the		

is desirous of acquiring the entire interest in and to said invention and the Letters Patent to be obtained therefor,

NOW, THEREFORE, in consideration of the payment by ASSIGNEE to ASSIGNOR of a sum corresponding to One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR, intending to be legally bound, hereby sells, assigns and transfers to ASSIGNEE, its successors and assigns the full and exclusive right, title and interest in and to said invention, all applications for Letters Patent for said invention, including all divisions and continuations thereof, all rights to claim priority based thereon, and all Letters Patent, including reissues, to be obtained therefor, including any and all foreign patent rights in this invention corresponding thereto.

ASSIGNOR hereby warrants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment

LS = LS/Ma, N/SYS/CLIENT/MAT/6710 (ASSIGN01.DOC)

ASSIGNOR agrees it shall be legally bound, upon request of the ASSIGNEE or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the ASSIGNOR has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the ASSIGNEE, and to execute all instruments proper to carry out the intent of this instrument.

If the invention requires a biological deposit, ASSIGNOR also grants to ASSIGNEE such control over any deposit made by ASSIGNOR as may be necessary to the validity of the patent rights assigned herein.

ASSIGNOR authorizes ASSIGNOR's attorney to insert at the end hereof the serial number and filing date of the aforesaid application for United States Letters Patent and/or the Attorney docket or file designation for this application.

If the ASSIGNOR includes more than one individual, these obligations shall apply to these individuals both individually and collectively.

IN WITNESS WHEREOF, this Assignment is executed on the day indicated below.

**SIGNATURE** 

(Typed or Printed Name)	(Signature)	(Date)
1. Ryoichi Fukumura	Ryviche Fukumura	December 7, 1998
2		
3		
4		
Application for United Stat Serial No. 09/179,814		<b>, 19</b> 98
Attorney Docket No.		-,

PATENT
RECORDED: 01/19/1999 REEL: 9697 FRAME: 0164