FORM PTO-1595 (Modified)

JVER SHEET

U.S. DEPARTMENT OF COMMERCE

Docket No.: MAT-8011US

101558995

(Rev. 6-93)		OVER SHEET	U.S. DEPARTMENT OF COMMERCE
OMB No. 0651-0011 (exp 4/94) Copyright 1994-97 LegalStar)NLY	Patent and Trademark Hitige
P08/REV02	101558995	/14 L 1	

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To the Honorable Commissioner of Patents and Tradem	marks: Please record the attached original documents or copy there if
1. Name of conveying party(ies): Yutaka Murakami; Shinichiro Takabayashi;	2. Name and address of receiving party(ies):
Masayuki Orihashi; and Akihiko Matsuoka	Name: Matsushita Electric Industrial Co.,, Ltd.
11.29	Internal Address:
Additional names(s) of conveying party(ies)	
3. Nature of conveyance:	
	Street Address: 1006, Oaza, Kadoma, Kadoma-shi
☐ Security Agreement ☐ Change of Name	€
☐ Other	City: Osaka State: JP ZIF 57
Execution Date: November 7, 2000	Additional name(s) & address(es) attached? Yes X No
4. Application number(s) or registration numbers(s	
If this document is being filed together with a new applic	cation, the execution date of the application is:
A. Patent Application No.(s)	B. Patent No.(s)
09/634,023	
Additional numbers	s attached? Yes No
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved 1
Name: Lawrence E. Ashery	7. Total fee (37 CFR 3.41):\$ 40.00
Internal Address: RATNER & PRESTIA	☑ Enclosed - Any excess or insufficiency should be credited or debited to deposit account
	☐ Authorized to be charged to deposit account
Street Address P.O. Box 980	Deposit account number:
	18-0350
City: Valley Forge State: PA Z P 1948	
1 + 1 10 + 40 1 DC	NOT USE THIS SPACE
 Statement and signature. To the best of my knowledge and belief the foregoing in of the original document. 	mormation is true and correct and any attached copy is a true copy
Lawrence E. Ashery	un (Clay 11/27/00
Name of Person Signing Total number of pages including co	Signature Date Date

REEL: 011351 FRAME: 0608

ASSIGNMENT

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

	Inventor(s)				
ASSIGNOR(s)/ INVENTOR(s)	1. Yutaka Murakam	2. Shinichiro Takabayashi			
III (Est t Otto)	3. <u>Masayuki Orihasl i</u>	4. Akihiko Matsuoka			
	has made an invention entitled: DIGITAL MOBILE WIRELSS				
	COMMUNICATIONS APPARATUS AND THE SYSTEM USING THE				
	SAME				
	and has executed an application for Letters Patent of the United States concurrently herewith:				
	WHEREAS, the ASS GNEE				
ASSIGNEE	Matsushita Electric Indu	Matsushita Electric Industrial Co., Ltd.			
(Full Name and address)	1006, Oaza Kadoma, Kadoma-shi, Osaka, 571-8501 Japan				

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 therete.

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

PATENT REEL: 011351 FRAME: 0609 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 valicity 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.

	(Typed or Printed Name)	(Signature)	(Date)
SIGNATURE	1 Yutaka Murakami	Futaka murahami	November 7, 200
	2 <u>Shinichiro Takabayashi</u>	Shinichiro Takabayashi	November 7, 2000
	3 <u>Masayuki Orihashi</u>	Masayuki Orihachi	November 7, 2000
	4 Akihiko Matsuoka	akihiko Matsuska	November 7, 2000
	Application for United States	Letters Patent	
	Serial No. 09/634,023	Filed August 8,	2000,
	Attorney Docket No. M	AT-8011US.	

RECORDED: 11/29/2000

PATENT REEL: 011351 FRAME: 0610