(Nov. 0-93) 8-31-98 OMB Ho. 06800 H (nx). 4/94)	DM COVER SHEET U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
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To the Honorable Commission. 100829854	the attached original documents or copy thereof.
1. Name of conveying party(les): (1)Masafumi TSUTSUI (2)Yoshinori TANAKA (3)Shuji KOBAYAKAWA Additional name(s) of conveying pruty(les) attached? U Yes M No	2. Name and address of receiving party(les) Name: FUJITSU LIMITED Internal Address: 960 90
3. Nature of conveyance:	5 <u></u>
🖾 Assignment 🕒 Merger	Street Address: 1-1, Kamikodanaka 4-chome
☐ Security Agreement ☐ Change of Name	<u>Nakahara-ku, Kawasaki-shi</u>
U Other	City: <u>Kanagawa</u> State: ZIP: <u>211-856</u> 8
Execution Date: August 6, 1998	Additional name(s) & address(es) attached? Li Yes & No
4. Application number(s) or patent number(s):	
If this document is being filed together with a new application	n, the execution date of the application is: August 6, 1998
Λ. Patent Application No.(s)	B. Palent No.(s)
Additional numbers at DOCKET NO.: FUSA 15.357	 lached? U Yes U No
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Name: <u>HELFGOTT & KARAS, P.C.</u>	7. Total fee (37 CFF 3.41)\$ 40 - 00
Internal Address: EMPIRE STATE BUILDING	88 Enclosed
GOTH FLOOR	Authorized to be charged to deposit account
Street Address: 350 5th Avenue	8. Deposit account number:
City: New York State: NY ZIP: 10118	O8-1634 (Attach duplicate copy of this page if paying by deposit account)
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FC:581 40.00 0P	
the original document. Samson Helfgott Name of Person Signing	enation is true and correct and any attached copy is a true copy of 8/31/98 Signature Date
109. 10.1. 20/0/2	g cover shear, edachmanis, and document
Mail documents to be recorded with required cover street information to: Commissions of Patents & Findermaks, Box Assignments Washington, D.C. 2023 1	

Filed by Express Mail (Receipt No. FH2-675 79505) on 1440 3 (1998) pursuant to 37 C.F.R. 1.10. by 2002

Any fee due with this paper, not fully covered by an enclosed check, may be charged on Deposit Acct. No. 08-1634

PATENT REEL: 9446 FRAME: 0069

ASSIGNMENT

Docket No. FUSA 15.357

WHEREAS, the below named inventor, ASSIGNOR, has made a certain new and useful invention in: ARRAY ANTENNA SYSTEM OF WIRELESS BASE STATION
for which
(check one) [V] an application is being filed concurrently herewith, [] an application for a Patent of the United States was filed on [] and given Application Serial No.
and WHEREAS, FUJITSU LIMITED
having a place of business at 1-1, Kamikodanaka 4-chome, Nakahara-ku,
Kawasaki-shi, Kanagawa 211-8588 Japan ,ASSIGNEE
is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application:
NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, the said ASSIGNOR, has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventor's certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument. AND
do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce
proper protection for said invention in all countries.
Full name of sole or first inventor <u>Masafumi Tsutsui</u>
Inventor's signature <u>Masafumi Isutsui</u> Date <u>August 06, 1998</u>
Residence Kawasaki-shi, Kanagawa, Japan Citizenship Japan
Post Office Address <u>c/o FUJITSU LIMITED</u> , 1-1, Kamikodanaka 4-chome,
Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 Japan
Full name of second joint inventor, if any Yoshinori Tanaka
Second Inventor's signature Yoshinori Janaka Date August 06, 1998
Residence Kawasaki-shi, Kanagawa, Japan Citizenship Japan
Post Office Address c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 Japan
Full name of third joint inventor, if any Shuji Kobayakawa Third Inventor's signature Shuji Robayakawa Date August 06, 1998
Residence Kawasaki-shi, Kanagawa, Japan Citizenship Japan
Post Office Address <u>c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome,</u> Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 Japan

RECORDED: 08/31/1998

PATENT REEL: 9446 FRAME: 0070