

08-17-1999

Docket No.: 520.37431X00

FORM P. 1-1595
1-31-92



COVER SHEET
S ONLY

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

101120293

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

1. Name of conveying party(ies):
Mikio KUWAHARA
Nobukazu DOI
HRD 7/30/99
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies):
Name: Hitachi, Ltd.
Street Address: 6, Kanda Surugadai 4-chome
Chiyoda-ku
City: Tokyo
Country: JAPAN
Additional name(s) & address(es) attached? Yes No
*1c511 U.S. PTO
09/364269
07/30/99*

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution Date: July 16, 1999

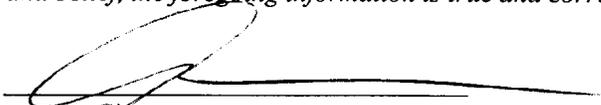
4. Application number(s) or patent number(s):
If this document is being filed together with a new application, the execution date of the application is: July 16, 1999
A. Patent Application No.(s)
B. Patent No.(s)
Additional numbers attached? Yes No
09/364269

6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 3.41)\$40.00
 Enclosed
 Any deficiencies may be charged to deposit account
 Authorized to be charged to deposit account

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: ANTONELLI, TERRY, STOUT & KRAUS, LLP
Internal Address:
08/06/1999 CASHING 00000040 09364269
Street Address: 1300 North Seventeenth Street
02 FC:581 Suite 1800 40.00 DP
City: Arlington State: VA Zip: 22209

8. Deposit account number: 01-2135
(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.
Alan E. Schiavelli  July 30, 1999
Name of Person Signing Signature Date
Attorney Registration No. 32,087
Total number of pages including cover sheet, attachments, and document 2

OMB No. 0651-0011 (exp. 4/94)

ASSIGNMENT

(讓渡証)

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by HITACHI, LTD., a corporation organized under the laws of Japan, located at 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said HITACHI, LTD., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

RADIO COMMUNICATION SYSTEM USING ADAPTIVE ARRAY ANTENNA

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said HITACHI, LTD., its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said HITACHI, LTD.

Signed on the date(s) indicated aside signatures :

INVENTOR(S) (発明者フルネームサイン)	Date Signed (署名日)	Witnesses (立会人サイン)
1) <u>Miki Kuwahara</u> Miki KUWAHARA	July 16, 1999	<u>Kan Mizusawa</u>
2) <u>Nobukazu Doi</u> Nobukazu DOI	July 16, 1999	<u>Kan Mizusawa</u>
3) _____	_____	_____
4) _____	_____	_____
5) _____	_____	_____
6) _____	_____	_____
7) _____	_____	_____
8) _____	_____	_____
9) _____	_____	_____
10) _____	_____	_____