

U.S. PATENT AND TRADEMARK OFFICE

Attorney Docket No. 9910

09-30-1999

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To the Assistant Commissioner for Patents  
Please record the attached original documents or copy thereof.

1. Name of conveying party:

Toshihiro SEZAI

Additional name(s) of conveying party attached? Yes  No

518 U.S. PTO  
09/30/99  
09/30/99

2. Name and address of receiving party:

Name: NATIONAL SPACE DEVELOPMENT AGENCY OF JAPAN

Street Address:

4-1, Hamamatsu-cho 2-chome  
Minato-ku, Tokyo, Japan

09/399738

Additional name(s) & address(es) attached? Yes  No

3. Nature of conveyance: Assignment

Execution Date: August 31, 1999

4. Title: RADIO WAVE RECEIVING APPARATUS HAVING AN IMPROVED  
ANTENNA RESOLUTION

5. 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: August 31, 1999

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes  No

09/28/1999 MELLMAN 00000075 09399738

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

Name: ARMSTRONG, WESTERMAN, HATTORI,  
MCLELAND & NAUGHTON  
1725 K Street, N.W., Suite 1000  
Washington, D.C. 20006

7. Total number of applications and patents involved: 1

8. Total fee (37 CFR 3.41). . . . . \$40.00

Enclosed

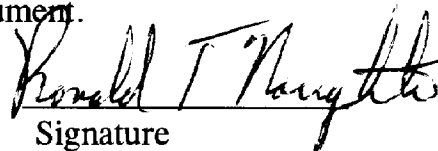
Authorized to be charged to Deposit Account

9. Deposit Account No.: 01-2340  
(Two copies of this paper are attached.)

10. 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.

Ronald F. Naughton  
Name of Person Signing

  
Signature

September 20, 1999  
Date

24,616  
Registration No.

Total number of pages including cover sheet, attachments and document: 3

Rev. 2/97  
RFN/lif

### U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by

(Insert ASSIGNEE's Name(s) Address(es))

NATIONAL SPACE DEVELOPMENT AGENCY OF JAPAN, 4-1, Hamamatsu-cho 2-chome, Minato-ku, Tokyo, Japan

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

(Title of Invention)

Radio wave receiving apparatus having an improved antenna resolution

(\*If the assignment is being filed after the filing of the application, this section must be completed)

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

filed on \_\_\_\_\_, Serial No. \_\_\_\_\_.

(Armstrong, Westerman, Hattori, McLeland & Naughton is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefor on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

Toshihiro Sezai  
(SIGNATURE)

Toshihiro Sezai  
(TYPE NAME)

August 31, 1999  
(DATE)

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(SIGNATURE)

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NO LEGALIZATION REQUIRED

PATENT