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Conveyance type:

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Conveying Party (ies):

(Last, First, Middle Initial)

Execution Date

First party

Name:

HONGO, Masanori

November 15, 2004

Second party

Name:

NAGANO, Natsuyo

November 15, 2004

Third party

Name:

OGURA, Takashi

November 15, 2004

Fourth party

Name:

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November 15, 2004

Fifth party

Name:

TANUMA, Toshio

November 15, 2004

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

Receiving Party (ies):

First party

Name:

SANYO ELECTRIC CO., LTD.

Address:

5-5, Keihanondori 2-chome, Moriguchi-shi, Osaka, Japan

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

Domestic Representative Name and Address



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**Pages** Enter the total number of pages of the attached conveyance document: 1  
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**Application Number(s) or Patent Number(s)** Additional numbers attached? Yes ☐ No ☒ XX

A. Patent Application No.(s)

B. Patent No.(s)

If this document is being filed together with a new application, enter the date the application was signed by the first named executing inventor: November 15, 2004

(Do not recite both application and patent numbers.)

**Patent Cooperation Treaty (PCT)**

PCT \_\_\_\_\_

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a U.S. Application Number has not been assigned

PCT \_\_\_\_\_

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**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.

Mel R. Quintos

Name of Person Signing



Signature

November 22, 2004

Date

31,898

Registration No.

Rev. 11/00

MRQ:jaz

**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  
**Sanyo Electric Co., Ltd.**

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

**5-5, Keihanhondori 2-chome, Moriguchi-shi, Osaka, 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)

**ANTENNA DUPLEXER**

(\*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, Kratz, Quintos, Hanson & Brooks, LLP is hereby authorized to insert the serial  
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  
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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)

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(Signature)

Masanori HONGO  
(Type Name)

Nov. 15, 2004  
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Natsuyo Nagano  
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