

10-09-2007

U.S. PTO

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09/27/2007

Docket No.: 077892-0021

To the Director of the U. S. Patent a



103451443

shed documents or the new address(es) below.

## 1. Name of Conveying Party(ies)

Satoko ITAYA, Jun HASEGAWA, Akio HASEGAWA, Peter  
DAVIS, Tetsuya ITO, Akira MATSUMOTO, Naoto  
KADOWAKI, Sadao OBANA

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

## 3. Nature of Conveyance/Execution Date(s)

Execution Date(s): September 6, 2007, September 6, 2007,  
September 6, 2007, September 9, 2007,  
September 11, 2007, September 11, 2007,  
September 10, 2007, September 6, 2007  
(respectively)

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

## 2. Name and address of receiving party(ies)

Name (1): NEC COMMUNICATION SYSTEMS, LTD.

Name (2): ADVANCED TELECOMMUNICATIONS  
RESEARCH INSTITUTE

Address

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4-28, Mita 1-chome, Minato-ku, Tokyo 108-0073  
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Address

(2):

2-2, Hikaridai 2-chome, Seika-cho, Soraku-gun,  
Kyoto 619-0288 JAPAN

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

## 4. Application or patent number(s):

A. Patent Application No(s).

☒ This document is being filed together with a new application.

B. Patent No(s).

Additional numbers attached? ☐ Yes ☐ No

## 5. Name and address to whom correspondence concerning document should be mailed:

Name: MCDERMOTT WILL &amp; EMERY LLP

Internal Address:

Street Address: 600 13th Street, N.W.

City: Washington State: D. C. Zip: 20005-3096

Phone Number: 202.756.8000

Fax Number: 202.756.8087

Email Address:

## 6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) &amp; 3.41) \$40.00

☐ Authorized to be charged by credit card☒ Authorized to be charged to deposit account☐ Enclosed☐ None required (government interest not affecting title)

## 8. Payment Information:

a. Credit Card Last 4 Numbers

Expiration Date

b. Deposit Account Number 500417

Authorized User Name

## 9. Signature.

Stephen A. Becker 26,527

Signature

September 27, 2007

Date

Name and Registration No. of Person Signing

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

PATENT

REEL: 019950 FRAME: 0662

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# 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  
(1) NEC Communication Systems, Ltd. of 4-28, Mita 1-chome, Minato-ku, Tokyo 108-0073 Japan; and

(2) Advanced Telecommunications Research Institute International of 2-2, Hikaridai 2-chome, Seika-cho, Soraku-gun, Kyoto 619-0288 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 DEVICE FOR PREVENTING ISOLATED RADIO DEVICES IN NETWORK**

(\*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. \_\_\_\_\_

( **McDermott Will & Emery LLP** is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)

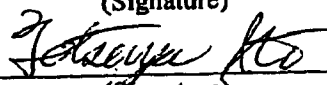
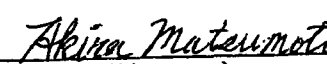
and all Letters Patent of the United States to be obtained therefore on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

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)

_____ (Signature)	<b>Satoko ITAYA</b> (Type Name)	_____ (Date)
_____ (Signature)	<b>Jun HASEGAWA</b> (Type Name)	_____ (Date)
_____ (Signature)	<b>Akio HASEGAWA</b> (Type Name)	_____ (Date)
_____ (Signature)	<b>Peter DAVIS</b> (Type Name)	_____ (Date)
 (Signature)	<b>Tetsuya ITO</b> (Type Name)	<u>11/9/2007</u> (Date)
 (Signature)	<b>Akira MATSUMOTO</b> (Type Name)	<u>11/9/2007</u> (Date)
_____ (Signature)	<b>Naoto KADOWAKI</b> (Type Name)	_____ (Date)
_____ (Signature)	<b>Sadao OBANA</b> (Type Name)	_____ (Date)

PATENT

REEL: 019950 FRAME: 0663

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(1) NEC Communication Systems, Ltd. of 4-28, Mita 1-chome, Minato-ku, Tokyo 108-0073 Japan; and

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

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( **McDermott Will & Emery LLP** 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 therefore 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.

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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)

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PATENT

RECORDED: 09/27/2007

REEL: 019950 FRAME: 0664