

02-23-2000

09/446560
c'd PCT/PTO 2-2 DEC 1999
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Month Day Year
12/15/99

Name (line 1) Sadayuki Abeta

Name (line 2)

Second Party

Name (line 1) Mamoru Sawahashi

Execution Date
Month Day Year
12/15/99

Name (line 2)

Receiving Party

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Name (line 1) NTT Mobile Communications Network, Inc.

Name (line 2)

Address (line 1) 10-1, Toranomon 2-chome, Minato-ku

Address (line 2)

Address (line 3) Tokyo 105-8436

Japan

City

State/Country

Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name Larry Liberchuk, Reg. No. 40,352

Address (line 1) Brown Raysman Millstein Felder & Steiner LLP

Address (line 2) 120 West 45th Street

Address (line 3) New York, NY 10036

Address (line 4)

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Correspondent Name and Address

Area Code and Telephone Number (212) 944-1515

Name Larry Liberchuk

Address (line 1) Brown Raysman Millstein Felder & Steiner LLP

Address (line 2) 120 West 45th Street

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Pages

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2

Application Number(s) or Patent Number(s)

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Patent Application Number(s)

Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number
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PCT JP99/02154

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Number of Properties

Enter the total number of properties involved.

1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$ 40

Method of Payment:
Deposit Account

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Deposit Account ☐

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

02-4270

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No



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. Charges to deposit account are authorized, as indicated herein.

Larry Liberchuk

Name of Person Signing



Signature

12/22/99

Date

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Name (line 1) Fumiyuki Adachi

12/15/99

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

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Application Number(s) or Patent Number(s)

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Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

ASSIGNMENT

WHEREAS, we, Sadayuki ABETA, a citizen of Japan, residing at 4-18-4-102, Nobi, Yokosuka-shi, Kanagawa 239-0841, JAPAN; Mamoru SAWAHASHI, a citizen of Japan, residing at 1-59-17, Tomiokanishi, Kanazawa-ku, Yokohama-shi, Kanagawa 236-0052, JAPAN; and Fumiyuki ADACHI, a citizen of Japan, residing at 6-12-4, Tomiokanishi, Kanazawa-ku, Yokohama-shi, Kanagawa 236-0052, JAPAN have invented one or more inventions disclosed in an application for Letters Patent of the United States titled

CDMA RECEIVER AND CDMA TRANSCEIVER

(hereinafter referred to as "said application"), said application having been filed herewith.

WHEREAS, NTT MOBILE COMMUNICATIONS NETWORK, INC., (hereinafter referred to as "the Assignee"), a Japanese corporation, having a place of business at 10-1, Toranomom 2-chome, Minato-ku, Tokyo 105-8436 JAPAN; is desirous of obtaining all right, title and interest in, to and under said invention(s) and said application; and

NOW, THEREFORE, for good and valuable considerations, the receipt and sufficiency of which we hereby acknowledge, we have sold, assigned, transferred and set over, and by these presents hereby sell, assign, transfer and set over to the Assignee all right, title and interest in, to and under said invention(s) and said application, including the right to apply for any Letters Patent of the United States of America and in any and all foreign countries on said invention(s), and any and all other applications for Letters Patent on said invention(s), in whatsoever countries, including all divisional, renewal, substitute, continuation, continuation-in-part and convention applications based in whole or in part upon said invention(s) or upon said application, and any and all Letters Patent which may issue thereon. We hereby covenant and agree that we will, upon request of the Assignee, communicate to the Assignee any facts known to us relating to said invention(s) and the history thereof, testify in any legal proceeding, execute all lawful papers including without limitation all divisional, continuing and reissue applications and all rightful oaths and declarations, and generally do all further acts which may be deemed necessary by the Assignee to obtain and enforce proper patent protection for said invention(s) in all countries.

IN TESTIMONY WHEREOF, we have executed this document on the date indicated below.

Date: December 15, 1999

Sadayuki Abeta
(Signature) Sadayuki ABETA

Date: December 15, 1999

Mamoru Sawahashi
(Signature) Mamoru SAWAHASHI

Date: December 15, 1999

Fumiyuki Adachi
(Signature) Fumiyuki ADACHI