

12-10-2001



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FR SHEET

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

1. Name of conveying party(ies):
Yukihiko OKUMURA
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies):
Name: NTT DoCoMo, Inc.
Internal Address:

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____

Street Address: 11-1, Nagatacho 2-chome,
Chiyoda-ku
City: Tokyo Country: JAPAN ZIP: 100-6150

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

Execution Date: November 12, 2001

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

091998601

If this document is being filed together with a new application, the execution date of the application is November 12, 2001

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

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

**BROWN RAYSMAN MILLSTEIN FELDER &
STEINER LLP**
900 Third Avenue
New York, New York 10022
(212) 895-2000

6. Total number of applications and patents
involved: 1

7. Total fee (37 CFR 3.41):..... \$ 40.00
 Check enclosed
 Authorized to be charged to deposit account

8. Deposit account number: 02-4270
(Attach duplicate copy of this page 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*

Ralph F. Hoppin, Reg. No. 38,494
Name of Person Signing

Ralph F. Hoppin
Signature

Nov. 16, 2001
Date

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

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks

Box Assignments

Washington, D.C. 20231

JC618 U.S. PTO
09/998601
11/16/01

12/07/2001 6TON11 00000128 09998601

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BRMFS1 279471v1

PATENT
REEL: 012342 FRAME: 0988

ASSIGNMENT

WHEREAS, I, Yukihiro OKUMURA,

citizen of Japan,

residing at 9-2-3-405, Sugita, Isogo-ku, Yokohama-shi, Kanagawa 235-0033, Japan

have invented one or more inventions (hereinafter referred to as "said invention(s)") disclosed in an application for Letters Patent of the United States titled

DATA TRANSMISSION METHOD, DATA TRANSMISSION SYSTEM,
TRANSMITTER AND RECEIVER

(hereinafter referred to as "said application"), said application having been executed on even date herewith or filed on _____ and assigned application Serial No. _____.

WHEREAS, NTT DoCoMo, Inc., (hereinafter together with its successors and assigns referred to as "the Assignee"), a Japanese corporation, having a place of business at 11-1, Nagatacho 2-chome, Chiyoda-ku, Tokyo 100-6150, 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 I hereby acknowledge, I 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 in the United States and foreign countries, and any and all reissues, extensions, renewals, divisions, continuations or continuations-in-part of Letters Patent granted for said invention(s) or upon said applications, to the full term or terms for which said Letters Patent may be issued, and every priority right that is or may be predicated upon or arise from said invention(s), said application and said Letters Patent, the same to be held and enjoyed by the Assignee for its own use and benefit fully and entirely as if the same would have been held and enjoyed by me had this Assignment not been made. I hereby authorize the Assignee to file patent applications in any and all countries on any or all of said invention(s) in my name, or in its name, or otherwise as the Assignee may deem advisable, under the International Convention or otherwise.


I hereby authorize the Commissioner of Patents and Trademarks of the United States, and any official of any other country empowered to issue patents, to record this Assignment, and to issue or transfer all said Letters Patent on said invention(s) to the Assignee as owner of all right, title and interest therein, or otherwise as the Assignee may direct, in accordance with the terms of this Assignment.

I hereby represent and warrant that I have the full right to convey the entire right and interest herein assigned, that there are no rights or interests outstanding inconsistent with the rights and interests granted herein, and that I will not execute any instrument or grant or transfer any rights or interests inconsistent with the rights and interests granted herein.

I hereby covenant and agree that I will, upon request of the Assignee, communicate to the Assignee any facts known to me 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, I have executed this document on the date indicated below.

Date: November 12, 2001



(Signature) Yukihiro OKUMURA