



101889057

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

1. Name of conveying party(ies):
Yukiko HANADA, Kenichi HIGUCHI, and Mamoru SAWAHASHI
10/19/01

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

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

Execution Date: October 12, 2001

2. Name and address of receiving party(ies):
Name: NTT DoCoMo, Inc.
Address: 11-1, Nagatacho 2-chome, Chiyoda-ku, Tokyo 100-6150 Japan

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

JC971 U.S. PTO
09/981988
10/19/01

4. 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: **October 12, 2001**

A. Patent Application No.(s)
09/981988

Additional numbers attached? Yes No

B. Patent No.(s)

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

6. Total applications and patents involved: **1**

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

8. Deposit account number: 15-0030
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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.

Marvin J. Spivak

Name of Person Signing

Registration Number: 24,913

C. Irvin McClelland

Signature

C. Irvin McClelland
Registration Number 21,124

10/19/01

Date

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ASSIGNMENT

Whereas, I/we,

NameAddress

- | | |
|----------------------------|---|
| 1) Yukiko HANADA | 2-16-8-205, Sasage,
Konan-ku, Yokohama-shi, Kanagawa 234-0052 Japan |
| 2) Kenichi HIGUCHI | 3-11-11, Take,
Yokosuka-shi, Kanagawa 238-0313 Japan |
| 3) Mamoru SAWAHASHI | 1-59-17, Tomioka-nishi,
Kanazawa-ku, Yokohama-shi, Kanagawa 236-0052 Japan |

hereinafter called assignor(s), have invented certain improvements in

**SPREADING CODE SYNCHRONIZATION METHOD, RECEIVING APPARATUS, AND MOBILE STATION
RECEIVER,**

and executed an application for Letters Patent of the United States of America therefor on even date herewith unless otherwise indicated below:

filed on _____, Serial No. _____; and

Whereas

NTT DoCoMo, Inc.11-1, Nagatacho 2-chome,
Chiyoda-ku, Tokyo 100-6150 Japan

(assignee), desires to acquire the entire right, title and interest in the application and invention, and to any United States patents to be obtained therefor;

NOW THEREFORE, be it known that, for good and valuable consideration from assignee, the receipt of which is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

INVENTORSDATE SIGNED

1): Name:	<u>Yukiko Hanada</u> Yukiko HANADA	<u>Oct 12, 2001</u>
2): Name:	<u>Kenichi Higuchi</u> Kenichi HIGUCHI	<u>Oct 12, 2001</u>
3): Name:	<u>Mamoru Sawahashi</u> Mamoru SAWAHASHI	<u>Oct. 12, 2001</u>

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. § 261)