

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Ken SAKAMURA	06/22/2007
Noboru KOSHIZUKA	06/22/2007
Masayuki TERADA	11/24/2006
Kensaku MORI	11/24/2006
Kazuhiko ISHII	11/24/2006
Sadayuki HONGO	11/24/2006

RECEIVING PARTY DATA

Name:	NTT DoCoMo, Inc.
Street Address:	11-1, Nagata-cho 2-chome, Chiyoda-ku
City:	Tokyo
State/Country:	Japan
Postal Code:	100-6150

Name:	Ken SAKAMURA
Street Address:	4-9-2, Osaki, Shinagawa-ku
City:	Tokyo
State/Country:	JAPAN
Postal Code:	141-0032

Name:	Noboru KOSHIZUKA
Street Address:	2-27-20, Nishikubo, Musashino-shi
City:	Tokyo
State/Country:	JAPAN
Postal Code:	180-0013

PROPERTY NUMBERS Total: 1

Property Type	Number

Application Number:

11587091

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:

297884US8X PCT

NAME OF SUBMITTER:

Chai Xiong

Total Attachments: 4

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ASSIGNMENT

Whereas, I/we,

NameAddress

- | | |
|----------------------------|---|
| 1) Ken SAKAMURA | 4-9-2, Osaki,
Shinagawa-ku, Tokyo 141-0032 Japan |
| <hr/> | |
| 2) Noboru KOSHIZUKA | 2-27-20, Nishikubo,
Musashino-shi, Tokyo 180-0013 Japan
c/o Intellectual Property Department, NTT DoCoMo, Inc., |
| <hr/> | |
| 3) Masayuki TERADA | Sanno Park Tower, 11-1, Nagatacho 2-chome,
Chiyoda-ku, Tokyo 100-6150 Japan
c/o Intellectual Property Department, NTT DoCoMo, Inc., |
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| 4) Kensaku MORI | Sanno Park Tower, 11-1, Nagatacho 2-chome,
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c/o Intellectual Property Department, NTT DoCoMo, Inc., |
| <hr/> | |
| 5) Kazuhiro ISHII | Sanno Park Tower, 11-1, Nagatacho 2-chome,
Chiyoda-ku, Tokyo 100-6150 Japan
c/o Intellectual Property Department, NTT DoCoMo, Inc., |
| <hr/> | |
| 6) Sadayuki HONGO | Sanno Park Tower, 11-1, Nagatacho 2-chome,
Chiyoda-ku, Tokyo 100-6150 Japan |
| <hr/> | |

hereinafter called assignor(s), have invented certain improvements in
DATA COMMUNICATION APPARATUS AND DATA COMMUNICATION METHOD

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

filed on October 20, 2006, Serial No. 11/587091; and

Whereas

NTT DoCoMo, Inc.11-1, Nagatacho 2-chome,
Chiyoda-ku, Tokyo 100-6150 Japanand, **Ken SAKAMURA**4-9-2, Osaki,
Shinagawa-ku, Tokyo 141-0032 Japanand, **Noboru KOSHIZUKA**2-27-20, Nishikubo,
Musashino-shi, Tokyo 180-0013 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 SIGNED1):
Name:**Ken SAKAMURA**2007 / 6 / 22

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



2007/6/22

2):
Name: _____
Noboru KOSHIZUKA

3):
Name: _____
Masayuki TERADA

4):
Name: _____
Kensaku MORI

5):
Name: _____
Kazuhiko ISHII

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Name: _____
Sadayuki HONGO

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INVENTORSDATE SIGNED

1):

Name: Ken SAKAMURA

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

2):
Name: Noboru KOSHIZUKA

3):
Name: Masayuki Terada
Masayuki TERADA

4):
Name: Kensaku Mori
Kensaku MORI

5):
Name: Kazuhiko Ishii
Kazuhiko ISHII

6):
Name: Sadayuki Hongo
Sadayuki HONGO

November 24, 2006

November 24, 2006

November 24, 2006

November 24, 2006

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