

AD/581-40

YD2 Rec'd PCT/PTO 11 SEP 2003

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03-29-2004

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10471671

OMB No. 0651-0027 (exp. 6/30/2005) 9-11-03



Attorney Docket No.: 172A 3470 PCT

To the Director of the U.S. Patent & Trad

102706165

Original documents or copy thereof.

1. Name of conveying party(ies):

NORIYOSHI KUROYANAGI, NAOKI SUEHIRO,  
SATORU OZAWA, MITSUHIRO TOMITA, KOHEI  
OTAKE and MASAKAZU TAKAHASHI

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

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

NORIYOSHI KUROYANAGI  
44-14, Sakuragaoka 3-chome  
Higashiyamato-shi, Tokyo 207-0022, Japan

NAOKI SUEHIRO  
18-14, Azuma 3-chome  
Tsukuba-shi, Ibaraki 305-0031, Japan

TOYO COMMUNICATION EQUIPMENT CO., LTD.  
484, Tsukagoshi 3-chome, Saiwai-ku  
Kawasaki-shi, Kanagawa 212-8513, Japan

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

3. Nature of conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_

Execution Date: 8/25/2003

4. Application number(s) or patent number(s): 10471671

If this document is being filed together with a new application, the execution date of the application is: 8/25/2003

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:

William L. Androlia  
KODA & ANDROLIA  
2029 Century Park East, Suite 1430  
Los Angeles, CA 90067-3024

6. Total number of applications and patents involved: [ 1 ]

7. Total fee (37 CFR 3.41) \$40

Enclosed  
 Authorized to be charged to deposit account

8. Deposit account number: 11-1445  
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9. Statement and signature.

*To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.*

William L. Androlia, Reg. No. 27,177 Date: September 11, 2003

Total number of pages including cover sheet, attachments, and documents: [ 2 ]

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

Director of the U.S. Patent & Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450  
Mail Stop: Assignment Recordation Services

# Assignment

(1) Noriyoshi KUROYANAGI  
 (2) Naoki SUEHIRO  
 (3) Satoru OZAWA and  
 (4) Mitsuhiro TOMITA

(1-4) Insert Name(s) of Inventor(s)

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign and hereby does assign, transfer and set over to Noriyoshi KUROYANAGI, Naoki SUEHIRO and Toyo Communication Equipment Co., Ltd.

(5) Insert name of Assignee

(6) Insert address of Assignee

(5) 44-14, Sakuragaoka 3-chome, Higashiyamato-shi, Tokyo 207-0022, Japan;  
 (6) of 18-14, Azuma 3-chome, Tsukuba-shi, Ibaraki 305-0031, Japan; and 484, Tsukagoshi 3-chome, Saiwai-ku, Kawasaki-shi, Kanagawa 212-8513, Japan

(hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions, in the invention known as

(7) Insert Title of Invention

(7) A CDMA COMMUNICATIONS SYSTEM USING MULTIPLE SPREADING SEQUENCES

for which the undersigned has (have) executed an application for patent in the United States of America

(8) Insert Date of Signing of Application

(8) on August 25, 2003

1) The undersigned agree(s) to execute all papers necessary in connection with the application and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

6) The undersigned hereby grant(s) WILLIAM L. ANDROLIA, Reg. No. 27,177 and H. HENRY KODA, Reg. No. 27,729, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

Date August 25, 2003 Signature of Inventor Noriyoshi Kuroyanagi (SEAL)  
 Date August 25, 2003 Signature of Inventor Naoki Suehiro (SEAL)  
 Date August 25, 2003 Signature of Inventor Satoru Ozawa (SEAL)  
 Date August 25, 2003 Signature of Inventor Mitsuhiro Tomita (SEAL)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date August 25, 2003 Witness Hansuh Aish  
 Date \_\_\_\_\_ Witness \_\_\_\_\_

# Assignment

172A 3470 PCT

Page 2 of 2

(1) Kohei OTAKE  
 (2) Masakazu TAKAHASHI  
 (3) \_\_\_\_\_ and  
 (4) \_\_\_\_\_

(1-4) Insert Name(s) of Inventor(s)

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign and hereby does assign, transfer and set over to Noriyoshi KUROYANAGI, Naoki SUEHIRO  
 (5) and Toyo Communication Equipment Co., Ltd.

(5) Insert name of Assignee

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18-14, Azuma 3-chome, Tsukuba-shi, Ibaraki 305-0031, Japan; and 484,  
Tsukagoshi 3-chome, Saiwai-ku, Kawasaki-shi, Kanagawa 212-8513, Japan

(6) Insert address of Assignee

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6) The undersigned hereby grant(s) WILLIAM L. ANDROLIA, Reg. No. 27,177 and H. HENRY KODA, Reg. No. 27,729, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

Date August 25, 2003 Signature of Inventor Kohei Otake (SEAL)

Date August 25, 2003 Signature of Inventor Masakazu TAKAHASHI (SEAL)

Date \_\_\_\_\_ Signature of Inventor \_\_\_\_\_ (SEAL)

Date \_\_\_\_\_ Signature of Inventor \_\_\_\_\_ (SEAL)

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Date August 25, 2003 Witness [Signature]

Date \_\_\_\_\_ Witness \_\_\_\_\_