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FORM PTO-1595  
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09-14-2000



101456835

OMB N. 0651-0011 (exp. 4/94)

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy *if there are*

U.S. PTO  
09/14/2000  
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1. Name of conveying party(ies)  
**Ken UMENO**  
Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies):  
Name: **COMMUNICATIONS RESEARCH LABORATORY,  
MINISTRY OF POSTS AND TELECOMMUNICATIONS**  
Street Address: **2-1, NUKUIKITAMACHI  
4-CHOME, KOGANEI-SHI**  
City: **TOKYO** State: **JAPAN** Zip: **184-8795**

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other  
Execution Date: \_\_\_\_\_

Name: **KEN UMENO**  
Street Address: **c/o COMMUNICATIONS RESEARCH  
LABORATORY, MINISTRY OF POSTS AND  
TELECOMMUNICATIONS  
2-1, NUKUIKITAMACHI  
4-CHOME, KOGANEI-SHI**  
City: **TOKYO** State: **JAPAN** Zip: **184-8795**  
Additional names(s) & address(es) attached?  Yes  No

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: \_\_\_\_\_  
A. Patent Application No.(s) B. Patent No.(s) **09/641305**  
Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: **MITCHELL P. BROOK, ESQ.**  
Internal Address: **BAKER & MCKENZIE  
101 WEST BROADWAY  
12TH FLOOR**  
Street Address: **SAME AS ABOVE**  
City: **SAN DIEGO** State: **CA** Zip: **92101**

6. Total number of applications and patents involved: **1**  
7. Total fee (37 C.F.R. 3.41) \$ **40.00**  
 Enclosed  
 Authorized to be charged to deposit account  
8. Deposit account number:  
**02-0410**  
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9. Statement and signature.  
*To the best of my knowledge and belief, the forgoing information is true and correct and any attached copy is a true copy of the original document.*  
**Mitchell P. Brook**  
Name of Person Signing  
*Mitchell P. Brook*  
Signature  
**August 18, 2000**  
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

### ASSIGNMENT

In return for good and valuable consideration paid to the undersigned inventor(s) (hereafter called the "ASSIGNOR"), by:

Communications Research Laboratory, Ministry of Posts and Telecommunications

2-1, Nukuikitamachi 4-chome, Koganei-shi, Tokyo 184-8795, Japan

(Insert  
ASSIGNEE'S  
Name(s)  
Address(es))

(50% owner)

AND

Ken UMENO

c/o Communications Research Laboratory, Ministry of Posts and Telecommunications

2-1, Nukuikitamachi 4-chome, Koganei-shi, Tokyo 184-8795, Japan

(50% owner)

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR(s) hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled:

(Title of  
Invention)

OUTPUT APPARATUS, TRANSMITTER, RECEIVER, COMMUNICATIONS SYSTEM FOR OUTPUTTING,

TRANSMITTING AND RECEIVING A PSEUDORANDOM NOISE SEQUENCE, AND METHODS FOR OUTPUTTING,

TRANSMITTING RECEIVING PSEUDORANDOM NOISE SEQUENCES, AND DATA RECORDING MEDIUM

(\*If the  
assignment is  
being filed after  
the filing of the  
application, this  
section must be  
completed)

for which application for Letters Patent of the United states was executed on even date herewith unless indicated otherwise below

\*filed on \_\_\_\_\_ [date], Serial No. \_\_\_\_\_

and all Letters Patent of the United States to be obtained therefor on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR(s) agrees to execute all papers necessary in connection with the application and any continuation, divisional, substitute, reissue or reexamination applications thereof or corresponding foreign applications, and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient 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.

The ASSIGNOR(s) agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding, which may be declared concerning this application or any continuation, divisional, substitute, reissue or reexamination thereof, or corresponding foreign applications, and also to cooperate with the ASSIGNEE in every way possible in obtaining evidence and going forward with such interference, litigation, or other legal proceeding.

The ASSIGNOR(s) agrees to perform all affirmative acts which may be necessary to obtain a grant of valid United States or foreign patents to the Assignee.

The ASSIGNOR(s) hereby authorizes and requests the Commissioner of Patents and the authorities of foreign countries to issue any and all Letters Patents resulting from said application or any continuation, divisional, substitute, reissue or reexamination applications thereof, or foreign applications, to the said ASSIGNEE, as assignee of the entire interest, and hereby covenants that it has full right to convey the entire interest herein assigned, and that they have not executed and will not execute, any agreement in conflict herewith.

The ASSIGNOR(s) hereby agrees that this Assignment is binding on the heirs, assigns, representatives and successors of the ASSIGNOR(s) and extends to the successors, assigns and nominees of the ASSIGNEE.

The ASSIGNOR(s) hereby grant MITCHELL P. BROOK, Reg. No. 32,967, LAURA L. PETERSON, Reg. No. 38,021, ADAM L.K. PHILIPP, Reg. No. 42,071, DAVID I. ROCHE, Reg. No. 30,767, PHILIP J. ZADEIK, Reg. No. 31,444 and RICHARD T. ROCHE, Reg. No. 38,599, all attorneys with the firm of BAKER & MCKENZIE which has an office address at 101 West Broadway, 12th Floor, San Diego, CA 92101-3890, 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 and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

<u><i>Ken Umemo</i></u>	<u>Ken UMENO</u>	<u>July 14, 2000</u>
(Signature)	(Type Name)	(Date)

_____	_____	_____
(Signature)	(Type Name)	(Date)

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(Signature)	(Type Name)	(Date)

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(Signature)	(Type Name)	(Date)

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(Signature)	(Type Name)	(Date)

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