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1. Name of conveying party(ies)

Ken UMENO
Shenghung SHIH

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

2. Name and address of receiving party(ies)

Name: Japan Science and Technology Agency

Internal Address: 1-8, Honcho 4-chome, Kawaguchi-shi

Street Address: (same as above)

City: Saitama

State:

Country: Japan Zip: 332-0012

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) August 4, 2005

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License

Other Request for Correction of Reel/Frame No. 015873/0386

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

10/494,792

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Mitchell P. Brook, Esq.

Internal Address: Luce, Forward, Hamilton & Scripps LLP

Street Address: 11988 El Camino Real, Suite 200

City: San Diego

State: California Zip: 92130

Phone Number: (858) 720-6300

Fax Number: (858) 720-6306

Email Address: mbrook@luce.com

6. Total number of applications and patents involved:

7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
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- None required (government interest not affecting title)

8. Payment Information

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b. Deposit Account Number 50-2298

Authorized User Name Mitchell P. Brook, Esq.

9. Signature:

Signature

8/4/05
Date

Mitchell P. Brook (Reg. No. 32,967)
Name of Person Signing

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

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RECORDATION FORM COVER SHEET – CONTINUATION
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Form PTO-1595 (Rev. 07/05)
OMB No. 0651-0027 (exp. 6/30/2008)

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

2. Name and address of receiving party(ies)

Name: Ken UMENO

Internal Address: _____

10-307, Nanpeidai 8-chome, Shibuya-ku

Street Address: (SAME AS ABOVE)

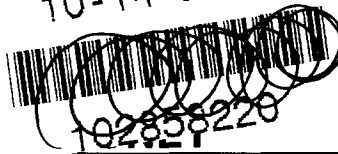
City: Tokyo

State: _____

Country: Japan Zip: 150-0036

10-14-2004

RECORDATIC
PAT



10-12-04

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

Ken UMENO
Shenghung SHIH

Execution Date(s) June 10, 2004

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

2. Name and address of receiving party(ies)

Name: Japan Science and Technology Agency

Internal Address: 1-8, Honcho 4-chome, Kawaguchi-shi

Street Address: (same as above)

City: Saitama

State: _____

Country: Japan Zip: 332-00

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

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- Other _____

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

Name: Mitchell P. Brook

Internal Address: Luce, Forward, Hamilton & Scripps LLP

Street Address: 11988 El Camino Real, Suite 200

City: San Diego

State: California Zip: 92130

Phone Number: (858) 720-6300

Fax Number: (858) 720-6306

Email Address: mbrook@luce.com

6. Total number of applications and patents involved:

one (1)

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

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- Enclosed
- None required (government interest not affecting title)

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Expiration Date _____

b. Deposit Account Number _____

Authorized User Name _____

9. Signature:

Signature

10/6/04
Date

Mitchell P. Brook (Reg. No. 32,967)

Name of Person Signing

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RECORDATION FORM COVER SHEET - CONTINUATION
PATENTS ONLY

Form PTO-1595
(Rev. 09/04)

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

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

2. Name and address of receiving party(ies)

Name: Ken UMENO

Internal Address: _____

10-307, Nanpeidai 8-chome, Shibuya-ku

Street Address: (SAME AS ABOVE)

City: Tokyo

State: _____

Country: Japan Zip: 150-0036

ASSIGNMENT

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

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

Japan Science and Technology Agency

1-8, Honcho 4-chome, Kawaguchi-shi, Saitama 332-0012, Japan

Ken UMENO

10-307, Nanpeidai 8-chome, Shibuya-ku, Tokyo 150-0036, Japan

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

RANDOM NUMBER STRING OUTPUT APPARATUS, RANDOM NUMBER STRING

(Title of
Invention)

OUTPUT METHOD, PROGRAM, AND INFORMATION 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 May 4, 2004, Serial No. 10/494,792

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 ASSIGNEES 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 ASSIGNEES 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 that 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 country 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 grants MITCHELL P. BROOK, Reg. No. 32,967, PETER K. HAHN, Reg. No. 34,833; PETER R. MARTINEZ, Reg. No. 42,845, all attorneys with the firm of 11988 El Camino Real, Suite 200, San Diego, California 92130, 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)


(Signature)

Ken UMENO
(Type Name)

June 10, 2004
(Date)


(Signature)

Shenghung SHIH
(Type Name)

June 10, 2004
(Date)

(Signature)

(Type Name)

(Date)

(Signature)

(Type Name)

(Date)

(Signature)

(Type Name)

(Date)

(Signature)

(Type Name)

(Date)