

Form PTO-1596 (Rev. 07/05)
 OMB No. 0651-0027 (exp. 6/30/2006)

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

RECORDATION FORM COVER SHEET PATENTS ONLY

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)
 Shigehiro Asano

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

2. Name and address of receiving party(ies)
 Name: Toshiba America Electronic Components
 Internal Address: Suite 400
 Street Address: 19900 MacArthur Blvd.
 City: Irving
 State: CA
 Country: US Zip: 92612

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

3. Nature of conveyance/Execution Date(s):
 Execution Date(s) 06/05/2006

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

4. Application or patent number(s): This document is being filed together with a new application.

A. Patent Application No (s)
11/422,646

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Mark L. Barrier
 Internal Address: Suite 201
 Street Address: 3811 Bee Caves Rd.
 City: Austin
 State: TX Zip: 78746
 Phone Number: 512-306-9200
 Fax Number: 512-306-9952
 Email Address: mbarrier@texasIP.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40

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

8. Payment Information

a. Credit Card Last 4 Numbers 9357
 Expiration Date 10/08

b. Deposit Account Number _____
 Authorized User Name _____

9. Signature: [Signature] 6/7/06
 Signature Date

Mark L. Barrier
 Name of Person Signing

Total number of pages including cover sheet, attachments, and documents 3

Documents to be recorded (including cover sheet) should be faxed to (671) 273-0140, or mailed to:
 Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1460, Alexandria, V.A. 22313-1460

OP \$40.00 11422646

ATTORNEY DOCKET NO.: SUZU05200

ASSIGNMENT

(1-8) *Name(s) of Inventor(s)*: (1) **Shigehiro Asano** (5)
 (2) (6)
 (3) (7)
 (4) (8)

In consideration of the 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:

(9) *Name of Assignee* (9) **TOSHIBA AMERICA ELECTRONIC COMPONENTS, INC.**

(10) *State of Incorporation of Assignee* (10) **California**

(11) *Address of Assignee* (11) of **19900 MacArthur Blvd. Suite 400
 Irvine, CA 92612**
 (hereinafter designated as the Assignee) the entire worldwide right, title and interest in the Invention known as

(12) *Identification of Invention, such as Title, Case Number or Foreign Application Number* (12) **Systems and Methods for Reducing Data Storage in Devices Using Multi-Phase Data Transactions, Attorney Docket SUZU05200**, for which the undersigned has (have) executed an application for patent in the United States of America and all patent applications in foreign countries corresponding thereto or based thereon.

(13) *Date(s) of Signing of Declaration* (13) on _____

1) The undersigned agree(s) to execute all papers necessary in connection with any original, reissue, divisional and continuing United States and foreign applications for the above-identified invention 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 any agreement in conflict herewith.

6) The undersigned hereby appoints the persons associated with Customer Number 42671 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.

Date: June 5, 2006 Signature of Inventor #1: Shigehiro Asano
 Date: _____ Signature of Inventor #2: _____

Date: _____

Signature of Inventor #3: _____

Date: _____

Signature of Inventor #4: _____

Date: _____

Signature of Inventor #5: _____

Date: _____

Signature of Inventor #6: _____

Date: _____

Signature of Inventor #7: _____

Date: _____

Signature of Inventor #8: _____