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1. Name of conveying party(ies):

Mikhail I. Grinchuk
Anatoli A. Bolotov
Lav D. Ivanovic
Paul G. Filseth

Additional name(s) of conveying party(ies) attached?

YES NO

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

LSI Corporation
Legal Department - IP
1621 Barber Lane
Milpitas, CA 95035

Additional name(s) and Address(es) attached:?

YES NO

3. Nature of conveyance:

Assignment Merger Security Agreement
 Change of Name Other _____

Execution Date: July 14, 2008; July 14, 2008; July 14, 2008; and July 14, 2008

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

Serial N^o: _____ Filed: July 17, 2008 Express Mail Label N^o: EM 165 528 205 US

If this document is being filed together with a new application, the execution date of the application is: July 17, 2008

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:

David Smith
LSI Corporation
Legal Department - IP
1621 Barber Lane
Milpitas, CA 95035

Customer No. 24319

6. Total number of applications and patents

involved: ONE

7. Total fee (37 CFR 3.41)

\$ 40.00

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9. Statement and signature.

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

Jeffrey M. Andersen, Reg No. 52,558

07/28/2008 DBYRNE 00000029 122252 12210756

01 FC:0021 40.00 DATE: July 17, 2008

Total number of pages comprising this cover sheet: One (1)

ASSIGNMENT OF APPLICATION

Docket Number: 07-2033

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged,

We, the undersigned,

do hereby sell, assign, and transfer to:

LSI Corporation, a corporation of Delaware, having a place of business at 1621 Barber Lane, MS D-106, Milpitas, California 95035, ("Assignee"), its successors, assigns, and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and improvements which are disclosed in the application for United States Letters Patent,

which has been executed by the undersigned concurrently herewith,

and which is entitled:

High Performance Arithmetic Logic Unit (ALU) for Cryptographic Applications with Built-In Countermeasures Against Side Channel Attacks

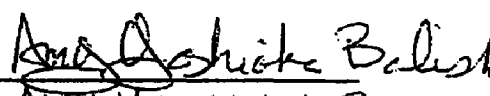
in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other application for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application; and

Agree that said Assignee may apply for and received Letters Patent for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors assigns, and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements, in said Assignee, its successors, assigns and legal representatives; and Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

First named inventor

Name 
Mikhail I. Grinchuk

Date: 7/14/08

Witness Signature: 
Witness Printed Name: AMY YOSHIOKA BALISH
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Second named inventor

Name *A. Bolotov*
Anatoli A. Bolotov

Date: 7/14/08

Witness Signature: *Amy Yoshioaka Balishi*
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Third named inventor

Name Lav D. Ivanovic Date: 7/14/08
Lav D. Ivanovic

Witness Signature: Amy Yeshioka Balish
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Fourth named inventor

Name Paul Filseth
Paul G. Filseth

Date: 7/14/08

Witness Signature: Amy Yoshieka Balish
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