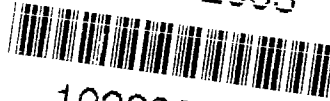


12-29-2003



102633171

12.18.03

1. Name of conveying party(ies):

Stanislav V. Aleshin  
Prospect Vernadskogo 93  
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Marina M. Medvedeva  
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Sergei B. Rodin  
Borovskoe Shosse 39  
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Moscow, 11756

Eugeni E. Egorov  
Prospect Vernadskogo 113  
Quart. 265  
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Additional name(s) of conveying party(ies) attached?

YES  NO

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

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

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

YES  NO

22390 U.S.PTO  
10739460  
121803

3. Nature of conveyance:

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

Execution Date: December 18, 2003, December 18, 2003, December 18, 2003 and December 18, 2003

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

10739460

Serial N<sup>o</sup>: \_\_\_\_\_ Filed: December 18, 2003 Express Mail Label N<sup>o</sup>: EV 380 206 335 US

If this document is being filed together with a new application, the execution date of the application is: December 18, 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:

Leo Peters  
LSI Logic 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

Charge Deposit Account N<sup>o</sup> 12-2252.  
Please credit any over-payment or charge any under-  
payment to Deposit Account 12-2252.

(Attach duplicate copy of this page if paying by deposit account).

12/24/2003 EC00PER 00000296 122252 10739460  
01 FI:0021 40.00 BA

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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.

Peng Zhu, Reg No. 48,063

DATE: December 18, 2003

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

**ASSIGNMENT OF APPLICATION**

**Docket Number: 03-2087**

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 LOGIC 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:

**A Method and Apparatus for Optimizing Fragmentation of Boundaries for Optical Proximity Correction (OPC) Purposes**

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 Assignor, 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 Marina M. Medvedeva  
Marina M. Medvedeva

Date: 12/18/03

Witness Signature: [Signature]  
Witness Printed Name: YURI POSTELGA  
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**Second named inventor**

Name Stanislav V. Aleshin  
Stanislav V. Aleshin

Date: 12/18/03

Witness Signature: [Signature]  
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**Third named inventor**

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Eugeni E. Egorov

Date: 12/18/03

Witness Signature: [Signature]  
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**Fourth named inventor**

Name Sergei B. Rodin  
Sergei B. Rodin

Date: 12/18/03

Witness Signature: [Signature]  
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