

12-14-1998



100919802

To the Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Alek Movshovich
Robert H. Hoem
Niranjan A. Puttaswamy
Brian Lai

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

VLSI TECHNOLOGY, INC.
1109 McKay Drive
San Jose, California 95131Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ NoAdditional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other:

Execution Date: November 13, 1998

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

09 205492

If this document is being filed together with a new application, the execution date of the application is: November 13, 1998

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:

Name: Richard J. Gregson
Address: Merchant, Gould, Smith, Edell,
Welter & Schmidt, P.A.
3100 Norwest Center
90 South Seventh Street
Minneapolis, MN 55402-4131

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

- ☒ Enclosed
☐ Authorized to be charged to deposit account

8. Please charge any additional fees or credit any overpayments to our Deposit account number: 13-2725

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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.

Richard J. Gregson

Name of Person Signing

Signature

December 4, 1998

Date

Total number of pages including cover sheet attachments, and document: 5

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PATENT

REEL: 9631 FRAME: 0078

ASSIGNMENT

WHEREAS, we, Alek Movshovich, residing at 363 MacKenzie Drive, Santa Clara, California 95051, Robert H. Hoem, residing at 1256 Spaich Drive, San Jose, California 95117, Niranjan A. Puttaswamy, residing at 2200 Monroe Street, #1301, Santa Clara, California 95050 and Brian Lai, residing at 2187 Devon Place, Milpitas, California 95035, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States, which is entitled USE OF SEQUENCING INFORMATION IN A LOCAL HEADER THAT ALLOWS PROPER SYNCHRONIZATION OF PACKETS TO SUBSIDIARY INTERFACES WITHIN THE POST-PROCESSING ENVIRONMENT OF AN MPEG-2 PACKET DEMULTIPLEXING ARCHITECTURE.

AND WHEREAS, VLSI TECHNOLOGY, INC., a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at 1109 McKay Drive, San Jose, California 95131 (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

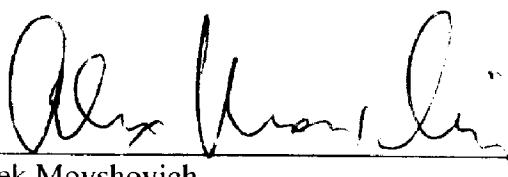
NOW THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any

and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 13 day of November, 1998.

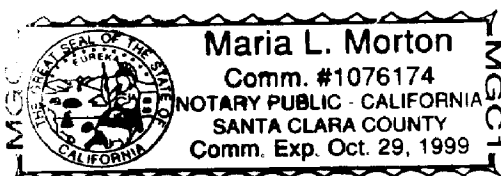

Alek Movshovich

STATE OF California)
COUNTY OF Santa Clara) ss.

On this 13th day of November, 1998, before me personally appeared Alek Movshovich to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]


Notary Public



IN TESTIMONY WHEREOF, I have hereunto set my hand this 13th day of

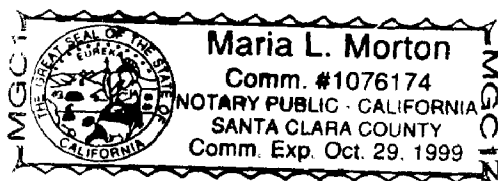
November, 1998.

Robert H. Hoem
Robert H. Hoem

STATE OF California)
COUNTY OF Santa Clara) ss.

On this 13th day of November, 1998, before me personally appeared Robert H. Hoem to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]



Maria L. Morton
Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this 13th day of

November, 1998.

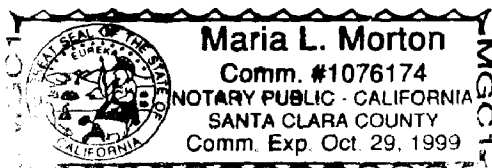
Niranjan A. Puttaswamy
Niranjan A. Puttaswamy

STATE OF California)
COUNTY OF Santa Clara) ss.

On this 13th day of November 1998, before me personally appeared Niranjan A. Puttaswamy to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]

Maria L. Morton
Notary Public



IN TESTIMONY WHEREOF, I have hereunto set my hand this 13th day of

November, 1998.

Brian T. Lai

Brian Lai

STATE OF California)
) ss.
COUNTY OF Santa Clara)

On this 13th day of November, 1998, before me personally appeared Brian Lai to
me known and known to me to be the person described in and who executed the foregoing instrument,
and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]

Maria L. Morton

Notary Public

