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AKO 12.14.99

1. Name of conveying party(ies):

Ning Xue
34241 Cronin Terrace
Fremont, CA 94555

Darren Neuman
434-11 Galleria Drive
San Jose, CA 95134

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

LSI Logic Corporation
1551 McCarthy Blvd.
Milpitas, CA 95035

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

YES NO

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

YES NO

JC688 U.S. PTO

09/460965



12/14/99

3. Nature of conveyance:

Assignment Merger Security Agreement
 Change of Name Other _____

Execution Date: December 10, 1999

09/460 965

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

Serial N° _____ Filed: December 10, 1999 Express Mail Label N° EL 280 285 239 US

If this document is being filed together with a new application, the execution date of the application is: December 14, 1999.

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:

Sandeep Jaggi
LSI Logic Corporation
Intellectual Property Law Department
1551 McCarthy Blvd.
Milpitas, CA 95035

6. Total number of applications and patents
involved: **ONE**

Check No. 9050 in the amount of \$878.00.
Please credit any over-payment or charge any
under-payment to Deposit Account 19-4882.

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

12/29/1999 GDUCKETT 00000019 09460965

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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.

Kenneth J. Cool Reg. No. 40,570

DATE: December 14, 1999

Total number of pages including cover sheet: **THREE**

ASSIGNMENT

WHEREAS, I, **Ning Xue**, a resident of Alameda County, California, have invented certain new and useful improvements in a

**METHOD AND APPARATUS FOR REDUCING BLOCK
RELATED ARTIFACTS IN VIDEO**

described and claimed in the specification as filed on _____ as U.S. Serial N° _____, via United States Postal Service Express Mail Label N° EL 280 285 239 US.

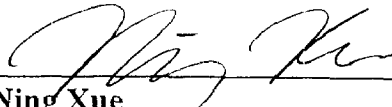
WHEREAS, **LSI LOGIC CORPORATION**, a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having its principal place of business in Milpitas, State of California, is desirous of acquiring the entire right, title and interest in and to said invention, improvements, application and any Letters Patent which may be granted therefor or thereupon, together with any and all division, continuation, reissues and extensions thereof;

NOW, THEREFORE, to all whom it may concern, be it known that, for and in consideration of One Dollar (\$1.00) to me in hand paid, and other good and valuable considerations, the receipt of which is hereby acknowledged, I, the undersigned have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto the said **LSI LOGIC CORPORATION**, its successors and assigns, the entire right, title and interest in and to said invention, improvements, application and any Letters Patent which may be granted therefor or thereupon, together with any and all divisions, continuations, reissues and extensions thereof, all my foreign rights to said invention, and all my rights under the International Convention in respect to said invention and application, and authorize the said **LSI LOGIC CORPORATION** to apply for patents in foreign countries, claiming the filing date of the U.S. application under the provisions of the International Convention. And I hereby agree to communicate to the said **LSI LOGIC CORPORATION**, or its representatives any facts known to me respecting said invention and improvements, to testify in any legal proceeding relating thereto, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and in addition to execute any and all documents that may be required in order that the said **LSI LOGIC CORPORATION** may make application for the Letters Patent on said invention in foreign countries in its own name. And

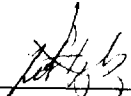
I do hereby authorize and request the Commissioner of Patents and Trademarks to issue any Letters Patent which may be granted for or upon said invention or applications unto the said **LSI LOGIC CORPORATION**, its successors and assigns, in accordance with this Assignment.

The Attorney of Record herein is hereby authorized to insert the Serial Number and filing date when received from the United States Patent and Trademark Office.

Signed at Milpitas, in the County of Santa Clara, and State of California, this 10 day of December, 1999.



Ning Xue

Witness: 

Witness: Leticia Rosenthal
Printed

LSI Logic Corporation
Intellectual Property
Corporate Legal Department
1551 McCarthy Blvd., MS D-106
Milpitas, California 95035

ASSIGNMENT

WHEREAS, I, **Darren Neuman**, a resident of Santa Clara County, California, have invented certain new and useful improvements in a

**METHOD AND APPARATUS FOR REDUCING BLOCK
RELATED ARTIFACTS IN VIDEO**

described and claimed in the specification as filed on _____ as U.S. Serial N^o _____, via United States Postal Service Express Mail Label N^o EL 280 285 239 US.

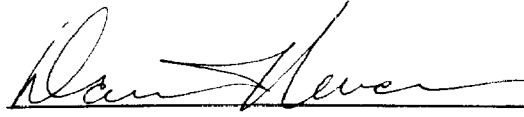
WHEREAS, **LSI LOGIC CORPORATION**, a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having its principal place of business in Milpitas, State of California, is desirous of acquiring the entire right, title and interest in and to said invention, improvements, application and any Letters Patent which may be granted therefor or thereupon, together with any and all division, continuation, reissues and extensions thereof;

NOW, THEREFORE, to all whom it may concern, be it known that, for and in consideration of One Dollar (\$1.00) to me in hand paid, and other good and valuable considerations, the receipt of which is hereby acknowledged, I, the undersigned have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto the said **LSI LOGIC CORPORATION**, its successors and assigns, the entire right, title and interest in and to said invention, improvements, application and any Letters Patent which may be granted therefor or thereupon, together with any and all divisions, continuations, reissues and extensions thereof, all my foreign rights to said invention, and all my rights under the International Convention in respect to said invention and application, and authorize the said **LSI LOGIC CORPORATION** to apply for patents in foreign countries, claiming the filing date of the U.S. application under the provisions of the International Convention. And I hereby agree to communicate to the said **LSI LOGIC CORPORATION**, or its representatives any facts known to me respecting said invention and improvements, to testify in any legal proceeding relating thereto, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and in addition to execute any and all documents that may be required in order that the said **LSI LOGIC CORPORATION** may make application for the Letters Patent on said invention in foreign countries in its own name. And

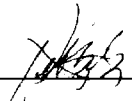
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Signed at Milpitas, in the County of Santa Clara, and State of California, this 10 day of December, 1999.



Darren Neuman

Witness: 
Witness: Leticia Rosenthal
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Intellectual Property
Corporate Legal Department
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