

10-30-1998

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ks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

SCARLETT WU
ARVIND PATWARDHAN
OSAMU TAKIGUCHI

MLO
10-22-98

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

Name: LSI Logic Corporation

Internal Address: _____

Street Address: 1551 McCarthy Boulevard

City Milpitas State CA ZIP 95035

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

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

3. Nature of Conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: October 3, 1998

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

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

A. Patent Application No.(s) 09/105,938 filed June 26, 1998

B. Patent No.(s) _____

Additional numbers attached? Yes No

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

Name: B. Noel Kivlin

Internal Address: Conley, Rose & Tayon, P.C.

Street Address: P.O. Box 398

City Austin State TX ZIP 78767-0398

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

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

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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.

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B. Noel Kivlin

03 FC1581 Name of Person Signing 40.00 DP
Reg. No. 33, 929

Signature

10-19-98
Date

Total number of pages: 5

OMB No. 0651-011 (exp.4/94)

ASSIGNMENT

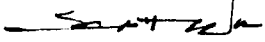
For Good And Valuable Consideration, the receipt and sufficiency of which is hereby acknowledged, I the undersigned, SCARLETT WU, ARVIND PATWARDHAN, AND OSAMU TAKIGUCHI do hereby sell, assign and transfer to LSI LOGIC CORPORATION, a corporation of Delaware, having a place of business at 1551 McCarthy Boulevard, 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,
- (X) which was filed on June 26, 1998 and assigned Serial No. 09/105,938

and is entitled "SYSTEM AND METHOD FOR MPEG REVERSE PLAY THROUGH DYNAMIC ASSIGNMENT OF ANCHOR FRAMES", and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications 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 receive 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 and for vesting title to said improvements and all applications to patents and all patents on 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.

Name:  Date: Sept. 17th, 1998
SCARLETT WU

Witness: Marja Kovacs Date: September 17, 1998
WITNESS SIGNATURE

Printed Name: MARJA KOVACS
WITNESS

Name: Arvind Patwardhan Date: SEP-17, 1998
ARVIND PATWARDHAN

Witness: Marja Kovacs Date: September 17, 1998
WITNESS SIGNATURE

Printed Name: MARJA KOVACS
WITNESS

Name: _____ Date: _____, 1998
OSAMU TAKIGUCHI

Witness: _____ Date: _____, 1998
WITNESS SIGNATURE

Printed Name: _____
WITNESS

Witness Address (Printed): _____

PATENT
5201-18300
A4-4112

ASSIGNMENT

For Good And Valuable Consideration, the receipt and sufficiency of which is hereby acknowledged, I the undersigned, SCARLETT WU, ARVIND PATWARDHAN, AND OSAMU TAKIGUCHI do hereby sell, assign and transfer to LSI LOGIC CORPORATION, a corporation of Delaware, having a place of business at 1551 McCarthy Boulevard, 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,

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Name: _____ Date: _____, 1998
SCARLETT WU

Witness: _____ Date: _____, 1998
WITNESS SIGNATURE

Printed Name: _____
WITNESS

Name: _____ Date: _____, 1998
ARVIND PATWARDHAN

Witness: _____ Date: _____, 1998
WITNESS SIGNATURE

Printed Name: _____
WITNESS

Name: Osamu Takiguchi Date: 10/3, 1998
OSAMU TAKIGUCHI

Witness: Hirosaki Shizawa Date: Oct/5, 1998
WITNESS SIGNATURE

Printed Name: Hirosaki Shizawa
WITNESS

Witness Address (Printed): _____