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PATENT

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

1 Jitendra Rayala
2
3
4

Execution Date(s) 03/17/2005

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

2. Name and address of receiving party(ies)

(1) Name: LSI Logic Corporation
Street Address: 1621 Barber Lane, Mail Stop D-106
City: Milpitas State: California
Country: U.S.A. Zip: 95035

(2) Name: _____
Street Address: _____
City: _____ State: _____
Country: _____ Zip: _____

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

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s) N/A

B. Patent No.(s) _____

Additional numbers attached? Yes No

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

Name: Peter P. Scott

Internal Address: _____

Company: LSI Logic Corporation
Address: 1621 Barber Lane, MS D-106

City: Milpitas

State: California Zip: 95035

Phone Number: (719) 533-7969

Fax Number: (719-533-7254)

Email Address: david.hitt@hittgaines.com

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 12-2252

Authorized User Name Peter P. Scott

9. Signature:

Signature

03/18/2005
Date

David H. Hitt
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 3

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

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11/08/05 U.S. PTO
11/08/05 031805

3-18-05

ASSIGNMENT

WHEREAS, I, Jitendra Rayala, a citizen of India and resident of San Jose in the County of Santa Clara and the State of California, have invented certain new and useful improvements in a "Digital Signal Processor Having Inverse Discrete Cosine Transform Engine for Video Decoding and Partitioned Distributed Arithmetic Multiply/Accumulate Unit Therefor" disclosed in an application for United States Letters Patent (Application No. _____, filed _____), said application having been executed concurrently herewith.

WHEREAS, LSI Logic Corporation, a corporation of the State of Delaware, having offices at 1621 Barber Lane, Mail Stop D-106, Milpitas, California 95035 (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring our entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, continuations-in-part and extensions thereof; I authorize David H. Hitt of Hitt Gaines, P.C. to insert in the parenthesis above the application number and filing date of said application when known; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as my interest is concerned, to the said ASSIGNEE of my entire right, title and interest.

I also hereby sell and assign to said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive rights, title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and I further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEE, its successors, assigns and legal representatives.

I hereby further agree that I will communicate to said ASSIGNEE, or to its successors, assigns and legal representatives, any facts known to me respecting any improvements; and, at the expense of said ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, and make all lawful oaths, and generally do everything possible to vest title in said ASSIGNEE and to aid said ASSIGNEE, its successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 03/17/05 day of March, 2005.

Jitendra Rayala

Jitendra Rayala

STATE OF California

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On this 17th day of March, 2005, before me personally came Jitendra Rayala, to me known to be the individual described herein and who executed the foregoing instrument, and acknowledged execution of the same.

[Signature]

WITNESS