

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Sanjay Rajopadhye</td> <td>03/10/2006</td> </tr> <tr> <td>Gautam Gupta</td> <td>03/02/2006</td> </tr> <tr> <td>Lakshminarayanan Renganarayana</td> <td>03/02/2006</td> </tr> </tbody> </table>		Name	Execution Date	Sanjay Rajopadhye	03/10/2006	Gautam Gupta	03/02/2006	Lakshminarayanan Renganarayana	03/02/2006
Name	Execution Date								
Sanjay Rajopadhye	03/10/2006								
Gautam Gupta	03/02/2006								
Lakshminarayanan Renganarayana	03/02/2006								
RECEIVING PARTY DATA									
Name:	Colorado State University Research Foundation								
Street Address:	P.O. Box 483								
City:	Fort Collins								
State/Country:	COLORADO								
Postal Code:	80521								
PROPERTY NUMBERS Total: 1									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>10901102</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	10901102				
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Application Number:	10901102								
CORRESPONDENCE DATA									
Fax Number:	(703)591-5907								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	703-591-2664								
Email:	diana.cook@jagtiani.com								
Correspondent Name:	Ajay A. Jagtiani								
Address Line 1:	10363-A Democracy Lane								
Address Line 4:	Fairfax, VIRGINIA 22030								
ATTORNEY DOCKET NUMBER:	CSUR-0003-UT1								
NAME OF SUBMITTER:	Ajay A. Jagtiani								
Total Attachments: 3 source=CSUR-0003-UT1 Executed Assignment Rajopadhye#page1.tif source=CSUR-0003-UT1 Executed Assignment Gupta#page1.tif									

OP \$40.00 10901102

ASSIGNMENT

WHEREAS, **SANJAY RAJOPADHYE**, whose post office addresses appear below (hereinafter referred to as ASSIGNOR), have invented certain new and useful improvements in **Switched Memory Architectures** (hereinafter referred to as THE INVENTION) for which an application for United States Letters Patent was filed on July 29, 2004, **Serial Number 10/901,102**.

WHEREAS, **COLORADO STATE UNIVERSITY RESEARCH FOUNDATION**, whose post office address is **P.O. Box 483, Fort Collins, CO 80521**, (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire right, title and interest in and to the same in the United States and throughout the world;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, we, ASSIGNOR, by these presents do sell, assign and transfer until said ASSIGNEE, the entire right, title and interest in and to said invention and application throughout the United States of America, including any and all United States Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application; and the entire right, title and interest in and to said invention throughout the world, including the right to apply for patents and inventor certificates in respect thereof and to claim priority pursuant to rights accorded ASSIGNOR under the terms of the Paris International Convention and all other available international conventions and treaties; and the entire right, title and interest in and to any and all patents, patents of addition, utility models, patents of importation, revalidation patents and inventor certificates which may be granted throughout the world in respect of said invention.

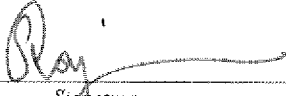
ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) or inventor certificate(s) in the United States and in foreign countries for said invention, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said invention, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and communicate to ASSIGNEE at ASSIGNEE's request documents and information concerning the invention that are within ASSIGNOR's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument.

ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to transfer the right to sue for past infringement to ASSIGNEE and at ASSIGNEE's request documents and information concerning the enforcement of the right to sue within ASSIGNOR's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the right to sue of any patent encompassed within the terms of this instrument.

ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's heirs, executors, administrators and other legal representatives.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent referred to above to ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and behalf; and for the use and behalf of ASSIGNEE's legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

Sanjay Rajopadhye
2517 Greenmont Drive
Fort Collins, CO 80524



Signature

10 March 2006

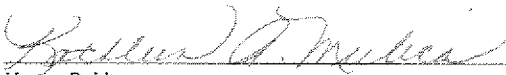
Date

528-45-1699

SSN

(Notarization preferred but not required)

Before me personally appeared SANJAY RAJOPADHYE and acknowledges this instrument to be his (her) free act and deed this 10th day of MARCH, 2006.



Notary Public

ASSIGNMENT

WHEREAS, GAUTAM GUPTA, whose post office addresses appear below (hereinafter referred to as ASSIGNOR), have invented certain new and useful improvements in **Switched Memory Architectures** (hereinafter referred to as THE INVENTION) for which an application for United States Letters Patent was filed on July 29, 2004, **Serial Number 10/901,102**.

WHEREAS, COLORADO STATE UNIVERSITY RESEARCH FOUNDATION, whose post office address is **P.O. Box 483, Fort Collins, CO 80521**, (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire right, title and interest in and to the same in the United States and throughout the world;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, we, ASSIGNOR, by these presents do sell, assign and transfer until said ASSIGNEE, the entire right, title and interest in and to said invention and application throughout the United States of America, including any and all United States Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application; and the entire right, title and interest in and to said invention throughout the world, including the right to apply for patents and inventor certificates in respect thereof and to claim priority pursuant to rights accorded ASSIGNOR under the terms of the Paris International Convention and all other available international conventions and treaties; and the entire right, title and interest in and to any and all patents, patents of addition, utility models, patents of importation, revalidation patents and inventor certificates which may be granted throughout the world in respect of said invention.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) or inventor certificate(s) in the United States and in foreign countries for said invention, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said invention, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE'S expense, to identify and communicate to ASSIGNEE at ASSIGNEE'S request documents and information concerning the invention that are within ASSIGNOR'S possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument.

ASSIGNOR also agrees, without further consideration and at ASSIGNEE'S expense, to transfer the right to sue for past infringement to ASSIGNEE and at ASSIGNEE'S request documents and information concerning the enforcement of the right to sue within ASSIGNOR'S possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the right to sue of any patent encompassed within the terms of this instrument.

ASSIGNOR'S obligations under this instrument shall extend to ASSIGNOR'S heirs, executors, administrators and other legal representatives.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent referred to above to ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE'S sole use and behalf; and for the use and behalf of ASSIGNEE'S legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

Gautam Gupta
500 W. Prospect St., Apt. 2G
Fort Collins, CO 80526



Signature

Mar 2, 2006
Date

650-20-6578
SSN

(Notarization preferred but not required)

Before me personally appeared said GAUTAM GUPTA and acknowledges this instrument to be his (her) free act and deed this 2 day of MARCH, 2006


Notary Public

ASSIGNMENT

WHEREAS, **LAKSHMINARAYANAN RENGANARAYANA**, whose post office addresses appear below (hereinafter referred to as ASSIGNOR), have invented certain new and useful improvements in **Switch Memory Architectures** (hereinafter referred to as THE INVENTION) for which an application for United States Letters Patent was filed on July 29, 2004, **Serial Number 10/901,102**.

WHEREAS, **COLORADO STATE UNIVERSITY RESEARCH FOUNDATION**, whose post office address is **P.O. Box 483, Fort Collins, CO 80521**, (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire right, title and interest in and to the same in the United States and throughout the world;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, we, ASSIGNOR, by these presents do sell, assign and transfer until said ASSIGNEE, the entire right, title and interest in and to said invention and application throughout the United States of America, including any and all United States Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application; and the entire right, title and interest in and to said invention throughout the world, including the right to apply for patents and inventor certificates in respect thereof and to claim priority pursuant to rights accorded ASSIGNOR under the terms of the Paris International Convention and all other available international conventions and treaties; and the entire right, title and interest in and to any and all patents, patents of addition, utility models, patents of importation, revalidation patents and inventor certificates which may be granted throughout the world in respect of said invention.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) or inventor certificate(s) in the United States and in foreign countries for said invention, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said invention, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE'S expense, to identify and communicate to ASSIGNEE at ASSIGNEE'S request documents and information concerning the invention that are within ASSIGNOR'S possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument.

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Lakshminarayanan Renganarayana
500 W. Prospect St., Apt. 7G
Fort Collins, CO 80526

R. Lakshminarayanan
Signature
03/02/06
Date
650-20-2693
SSN

(Notarization preferred but not required)

Before me personally appeared said LAKSHMINARAYANAN RENGANARAYANA and acknowledges this instrument to be his (her) free act and deed this 2nd day of MARCH, 2006.

Spencer D. Matica
Notary Public

PATENT

RECORDED: 06/14/2006

REEL: 017779 FRAME: 0202