

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Richard Stephen Roy	05/09/1995
RECEIVING PARTY DATA	
Name:	Hitachi Micro Systems, Inc.
Street Address:	179 East Tasman Drive
City:	San Jose
State/Country:	CALIFORNIA
Postal Code:	95134
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	09073332
CORRESPONDENCE DATA	
Fax Number:	(415)393-9887
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	415-393-9866
Email:	dperegory@ssd.com
Correspondent Name:	Squire Sanders & Dempsey LLP
Address Line 1:	One Maritime Plaza
Address Line 2:	Suite 300
Address Line 4:	San Francisco, CALIFORNIA 94111
ATTORNEY DOCKET NUMBER:	043496.00001
NAME OF SUBMITTER:	Danielle Peregory
Total Attachments: 2	
source=08-438638-ASSIGNMENT#page1.tif	
source=08-438638-ASSIGNMENT#page2.tif	

CH \$40.00 09073332

ASSIGNMENT

WHEREAS, **RICHARD STEPHEN ROY**, residing at 146 Briar Place, Danville, California 94526, has made certain new and useful inventions in **INDEPENDENT AND COOPERATIVE MULTICHANNEL MEMORY ARCHITECTURE**, and has disclosed the same in an application for Letters Patent of the United States therefor, said application having been executed by me as of the date set forth below; and

WHEREAS, **HITACHI MICRO SYSTEMS, INC.**, a corporation organized and existing under the laws of the State of California, having a place of business at 179 East Tasman Drive, San Jose, California 95134 (hereafter called the "Assignee") is desirous of acquiring the entire interest in all inventions disclosed in said application;

NOW, THEREFORE, in consideration of the sum of one dollar (\$1.00) and other good and valuable considerations to me paid by said Assignee, the receipt and sufficiency whereof is hereby acknowledged, I do hereby sell, assign, and transfer unto said Assignee, its successors and assigns, the entire right, title and interest throughout the world in and to all said inventions disclosed in said application; and in and to said application, including all priority rights for other countries arising from said application; and in and to all substitutions, divisions, and continuations thereof; and in and to all Letters Patent, United States and foreign, that may be granted for said inventions; and in and to all extensions, renewals, and reissues thereof.

And I do hereby authorize and request the Commissioner of Patents of the United States and the duly constituted authorities of foreign countries to issue any Letters Patent which may be granted on said inventions, on any applications related thereto, and on any substitute, continuing, divisional, or reissue applications, or any of them, to said Assignee, its successors and assigns, as assignee of the entire right, title and interest therein and thereto.

And for the consideration aforesaid, I do hereby, for me and for my legal representatives, further covenant and agree with said Assignee, its successors and assigns, that I have full and unencumbered title to the inventions and application above described and hereby assigned, which title I warrant unto said Assignee, its successors and assigns; that I have granted to others no license to make, use, or sell said inventions; and that I will not execute any instrument in conflict herewith.

And for the consideration aforesaid, I do hereby, for me and for my legal representatives, further covenant and agree with said Assignee, its successors and assigns, that upon request I will execute substitute, continuing, divisional, or reissue applications, amended specifications, or rightful oaths; communicate to said Assignee, its successors and assigns, any facts

known to me relating to said inventions or the history thereof; execute preliminary statements; testify in any interference or other legal proceedings involving said inventions; execute and deliver any application papers, assignments, or other instruments, and do all other acts which, in the opinion of counsel for said Assignee, may be necessary or convenient to secure the grant of Letters Patent to said Assignee, its successors and assigns, or its nominees, in the United States and in all other countries where said Assignee may desire to have the said inventions, or any of them, patented, with specifications and claims in such form as shall be approved by counsel for said Assignee, and to vest and confirm and complete legal and equitable title to all such inventions, applications, and Letters Patent, and to enable it to record said title, without further consideration than now paid but at the expense of said Assignee, its successors or assigns.

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 9TH day of MAY, 1995.

Richard Stephen Roy
Richard Stephen Roy 5-7-95

UNITED STATES OF AMERICA

STATE OF CALIFORNIA)
COUNTY OF SANTA CLARA) ss:

On May 9, 1995 before me,

THOMAS R. PENNYBACKER personally appeared RICHARD STEPHEN ROY, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature: Thomas R. Pennybacker 5-9-95

