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07-30-1999

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FORM PTO-1595 (Rev. 06/93)		REC'D	101105770 PATENTS ONLY	U.S. Department of Commerce Patent and Trademark Office	
OMB No. 0651-0011 (Exp. 04/94)		Attorney Docket No.: GENESIS-00201			
Assistant Commissioner for Patents Washington, D.C. 20231					
Sir:					
Please record the attached original documents or copy thereof.					
1. Name of conveying party(ies):  Terry T. Tsai Daniel F. McLaughlin  ___ Additional name(s) of conveying party(ies) attached.		2. Name and address of receiving party(ies):  Genesis Semiconductor, Inc. 2860 Zanker Road, Suite 105 San Jose, CA 95134  ___ Additional name(s) and address(es) attached.			
3. Nature of conveyance:  <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Security Agreement <input type="checkbox"/> Other: _____  Execution Date: Executed by Daniel F. McLaughlin on July 15, 1999, Executed by Terry T. Tsai on July 16, 1999					
4. Application number(s) or patent number(s):  <input checked="" type="checkbox"/> This document is being filed together with a new application, the execution date of the application is: July 15, 1999 ___ Patent Application Serial No.(s): 2 filed on . ___ Patent No.(s): . ___ Additional numbers attached.					
5. Name and address of party to whom correspondence concerning document should be mailed:  Jonathan O. Owens HAVERSTOCK & OWENS LLP 260 Sheridan Avenue, Suite 420 Palo Alto, California 94306		6. Total number of applications and patents involved: 1.			
		7. Total fee(s) [37 CFR §§ 1.21(h) and 3.41]:  <input checked="" type="checkbox"/> Check(s) in the amount of \$986.00 (\$946.00 Basic Filing Fee plus \$40.00 Assignment Recordation Fee) enclosed.			
		8. Authorization to Charge Additional Fees:  <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees or credit any overpayment associated with this communication and which may be required under 37 CFR §§ 1.21(h) and 3.41 to Deposit Account No. 08-1275.			
9. 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.					
Dated: July 20, 1999 07/29/1999 BALEXAND 00000054 09357739 04 FC:581		Signature: <u>Jonathan O. Owens</u> Name: Jonathan O. Owens Reg. No.: 37,902			
Total number of pages including cover sheet, attachments, and document: 3					

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09/357739  
07/20/99

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## ASSIGNMENT

WHEREAS, WE, Terry T. Tsai and Daniel F. McLaughlin, hereinafter referred to as "ASSIGNORS", have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: METHOD OF AND APPARATUS FOR PRECHARGING AND EQUALIZING LOCAL INPUT/OUTPUT SIGNAL LINES WITHIN A MEMORY CIRCUIT

Date of execution of application: \_\_\_\_\_ Filing Date: \_\_\_\_\_ Serial No.: \_\_\_\_\_

WHEREAS, Genesis Semiconductor, Inc., a corporation of the State of California, 2860 Zanker Road, Suite 105, San Jose, CA 95134, hereinafter referred to as "ASSIGNEE", is desirous of acquiring the entire right, title and interest in said invention and application and in any Letters Patent which may be granted on the same;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged, Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said Assignee, and Assignee's successors and assigns, all right, title and interest in and to said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, prolongations or extensions thereof, said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignors had this assignment and transfer not been made, to the full end and term of any Letters Patent.

Assignors further agree that they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have hereunto signed their names to this assignment on the dates indicated below.

\_\_\_\_\_  
Terry T. Tsai

\_\_\_\_\_  
Date

Daniel F. McLaughlin  
\_\_\_\_\_  
Daniel F. McLaughlin

7/15/99  
\_\_\_\_\_  
Date

STATE OF California

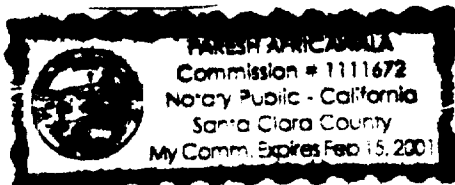
COUNTY OF Santa Clara

On July 15th 1999 before me, Pareesh Africahala  
personally appeared Terry T. Tsai and Daniel F. McLaughlin  
☐ personally known to me - OR - ☒ proved to me on the basis of satisfactory evidence to be the person(s) whose names are subscribed to

the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

SEAL



Pareesh Africahala  
\_\_\_\_\_  
Signature of Notary Public

7/15/99

## ASSIGNMENT

WHEREAS, WE, Terry T. Tsai and Daniel F. McLaughlin, hereinafter referred to as "ASSIGNORS", have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: METHOD OF AND APPARATUS FOR PRECHARGING AND EQUALIZING LOCAL INPUT/OUTPUT SIGNAL LINES WITHIN A MEMORY CIRCUIT

Date of execution of application: \_\_\_\_\_ Filing Date: \_\_\_\_\_ Serial No.: \_\_\_\_\_

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NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged, Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said Assignee, and Assignee's successors and assigns, all right, title and interest in and to said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, prolongations or extensions thereof, said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignors had this assignment and transfer not been made, to the full end and term of any Letters Patent.

Assignors further agree that they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have hereunto signed their names to this assignment on the dates indicated below.

Terry T. Tsai  
Terry T. Tsai

7/16/99  
Date

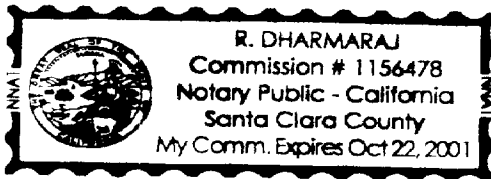
Daniel F. McLaughlin

\_\_\_\_\_  
Date

STATE OF California  
COUNTY OF Santa Clara

On July 16th 1999 before me, R. Dharmaraj, Notary Public  
personally appeared Terry T. Tsai and Daniel F. McLaughlin

☐ personally known to me - OR - ☒ proved to me on the basis of satisfactory evidence to be the person(s) whose names ~~is~~ subscribed to the within instrument and acknowledged to me that he/~~she~~~~they~~ executed the same in his/~~her~~~~their~~ authorized capacity(ies), and that by his/~~her~~~~their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



SEAL

WITNESS my hand and official seal.

R. Dharmaraj  
Signature of Notary Public