DSTACTORY       Internet and the second	BOX ASSIGNMEN	01 PE	O'' C OCT 0 5 19	JCA7 303		10-08-1 10-08-1			
SIR: Please record the enclosed original documents or copy thereof.         1. NAME OF CONVEYING PARTYIES (ASSIGNORS):         a. John MacPherson         b. Jayaraman lyer         c. Alan H. Huggins         d. ditional names of conveying parties enclosed?         Z. PARTY(ASSIGNEE) RECEIVING INTEREST:         NAME:       CLEAR LOGIC, INC.         ADDIESS:       25870 Heilyer Avenue         San Jose, CA 95138         Additional names and addresses enclosed?       X NO         3. NATURE OF CONVEYANCE:         (Submit only one document for recordiationmultiple copies of same Assignment signed by different inventors is one document)         X Assignment of       X Whole         Part Interest       9/20, 9/21 & 9/24/99         Change of name       Patent Application         Security       Merger         Other:       4.         4. Execution date/s on Declaration (if filed herewith): September 20, 21 & 24, 1999         4.5 Appl/Pat Nos:       Item 1         09/344,613       239606         5. Name and address of party to whom correspondence concerning document should be mailed:         Applin: 1 + Pats: 0 = TOTAL 1         Pillsbury Madison & Sutro, LIP         1100 New York Avenue N W. 3th Floor, East Tower         Washington, D. C. 20005-3918	10/5/99	TRADEMAND PA			V CO'				
1. NAME OF CONVEYING PARTYIES (ASSIGNORS):       d. John S. Starzynski         a. John MacPherson       d. Keith R. Erb         b. Jayaraman Iyer       e. Keith R. Erb         c. Alan H. Huggins       f. Dennis L. Lantz, Jr.         Additional names of conveying parties enclosed?       INO       YES         2. PARTY(ASSIGNEE) RECEIVING INTEREST:       NAME:       CLEAR LOGIC, INC.         ADDRESS:       25370 Heilyer Avenue       San Jose, CA       95138         Additional names and addresses enclosed?       INO       YES         3. NATURE OF CONVEYANCE:       (Submit only one document for recordulor-multiple copies of same Assignment signed by different inventors is one document)         Image: Change of name Image: Patent Application       Execution dates:       9/20, 9/21 & 9/24/99         Change of name Image: Patent Application       Security       YES         A. Security       Merger       Other:         4. Execution date/s on Declaration (If filed herewith): September 20, 21 & 24, 1999       YES         A. Pat. App. No/s       Matter #       Its inventor if not in         B. Patent No(s)       Ist inventor if not in item 1       Moley 1         00/344.613       239606       6. NUMBER INVOLVED:       Applns: 1 + Pats: 0 = TOTAL 1         7. Amount of fee enclosed (Code 581):       Above Total x \$40 = \$40.00 <td colspan="8">TO THE HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS:</td>	TO THE HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS:								
a. John MacPherson       d. John S. Starzynski         b. Jayaraman hyer       c. Kith R. Erb         c. Alan H. Huggins       f. Dennis L. Lantz, Jr.         Additional names of conveying parties enclosed?       NO       YES         2. PARTY(ASSIGNEE) RECEIVING INTEREST:       NAME:       CLEAR LOGIC, INC.         ADDRESS:       25370 Hellyer Avenue       San Jose, CA       95138         Additional names and addresses enclosed?       NO       YES         3. NATURE OF CONVEYANCE:       (Submit only one document for recordation-multiple copies of same Assignment signed by different inventors is one document)         X Assignment of       Whole       Part interest       9/20, 9/21 & 9/24/99         Change of name       X Patent Application       9/20, 9/21 & 9/24/99       15         4. Execution date/s on Declaration (If filed herewith): September 20, 21 & 24, 1999       4.5 Appl/Pat Nos.: others on additional sheets enclosed?       NO       YES         A. Pat. App. No/s       Matter #       Itst inventor if not in       B. Patent No(s)       1st inventor if not in item 1         09/344.613       239606       6. NUMBER INVOLVED:       Applins: 1 + Pats: 0 = TOTAL 1       7. Amount of face enclosed (Code 581):         7. NO       NO       Sageo       CLeO34       UNDER ORDER:       239605         5. ATTY DKT: 14758 <td colspan="8"></td>									
2. PARTY(ASSIGNEE) RECEIVING INTEREST:         NAME:       CLEAR LOGIC, INC.         ADDRESS:       25870 Hellyer Avenue         San Jose, CA 95138         Additional names and addresses enclosed?       X NO YES         3. NATURE OF CONVEYANCE:       [Submit only one document for recordation-multiple copies of same Assignment signed by different inventors is one document)         X Assignment of       X Whole         Part interest       Execution dates:         9/20, 9/21 & 9/24/99         Change of name       Patent Application         Becurity       Merger         Other:       X NO YES         4. Execution date/s on Declaration (if filed herewith): September 20, 21 & 24, 1999         4.5 Appl/Pat Nos.: others on additional sheets enclosed?       X NO YES         A. Pat. App. No/s       Matter #       1st inventor if not in         B. Patent No(s)       1st inventor if not in item 1         09/344,613       239606       5. Name and address of party to whom correspondence         concerning document should be mailed:       Applns: 1 + Pats: 0 = TOTAL 1         Pillsbury Madison & Sutro, LLP       7. Amount of fee enclosed (Code 581): Above Total x \$40 = \$40.00         Yashington, D. C. 20005-3918       8. If above fee is missing on indeguate, parge insufficiency to DEPOSIT ACCOUNT NO. 03:3775         Yashow foro	a. John MacPhers b. Jayaraman iyer	6 (ASSIGNORS):	d. John S. Starzynski e. Keith R. Erb						
NAME:       CLEAR LOGIC, INC.         ADDRESS:       25870 Hellyer Avenue San Jose, CA 95138         Additional names and addresses enclosed?       INO YES         3. NATURE OF CONVEYANCE:       INO Part interest         (Submit only one document for recordation-multiple copies of same Assignment signed by different inventors is one document)         Image: Assignment of Image	Additional names of	conveying parties	enclosed?	X NO YES					
3. NATURE OF CONVEYANCE:         (Submit only one document for recordationmultiple copies of same Assignment signed by different inventors is one document)         X Assignment of       X Whole         Part interest       Execution dates:         9/20, 9/21 & 9/24/99         Change of name       X Patent Application         Security       Merger         Other:       4.         4. Execution date/s on Declaration (if filed herewith): September 20, 21 & 24, 1999         4.5 Appl/Pat Nos.: others on additional sheets enclosed?         A. Pat. App. No/s       Matter #         1st inventor if not in       B. Patent No(s)         5. Name and address of party to whom correspondence concerning document should be mailed:       Applns: 1 + Pats: 0 = TOTAL 1         Pillsbury Madison & Sutro, LLP       7. Amount of fee enclosed (Code 581):         1100 New York Avenue N W, 9th Floor, East Tower       8. If above fee is missing or inadequate, charge insufficiency to DEPOSIT ACCOUNT NO. 03-3975         239606       CL-034       UNDER ORDER:       239606         MATTER NO.       CLIENT REF.       dup. sheet not required       CLIENT/MATTER         9. STATEMENT AND SIGNATURE. To the best of my knowledge and belief, the foregoing information is true and correct and any attrached copy is a true copy of the original document.       10.       Total pages including this cover sheet and document: 3	NAME: CLEAR LOGIC, INC. ADDRESS: 25870 Hellyer Avenue								
(Submit only one document for recordation-multiple copies of same Assignment signed by different inventors is one document)         X Assignment of X Whole       Part interest         Execution dates:       9/20, 9/21 & 9/24/99         Change of name X Patent Application       9/20, 9/21 & 9/24/99         4. Execution date/s on Declaration (if filed herewith):       September 20, 21 & 24, 1999         4.5 Appl/Pat Nos.: others on additional sheets enclosed?       X NO YES         A. Pat. App. No/s       Matter #       1st inventor if not in item 1         09/344,613       239606       6. NUMBER INVOLVED:         Some and address of party to whom correspondence concerning document should be mailed:       6. NUMBER INVOLVED:         Applis: 1 + Pats: 0 = TOTAL 1       7. Amount of fee enclosed (Code 581):         100 New York Avenue N.W., 9th Floor, East Tower Washington, D.C. 20005-3918       8. If above fee is missing or inadequate, charge insufficiency to DEPOSIT ACCOUNT NO. 03-3975         239606       CL-034       UNDER ORDER:       239606         MATTER NO.       CLIENT REF.       dup. sheet not required       CLIENT/MATTER         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.       10. Total pages including this cover sheet and document: 3	Additional names ar	nd addresses enclo	osed?			XNO	YES		
9/20, 9/21 & 9/24/99         Change of name X Patent Application         9/20, 9/21 & 9/24/99         Change of name X Patent Application         9/20, 9/21 & 9/24/99         9/20,									
Security Merger Other:     Security Merger Other:     A. Execution date/s on Declaration (if filed herewith): September 20, 21 & 24, 1999     A. 5 Appl/Pat Nos.: others on additional sheets enclosed?     X NO YES     A. Pat. App. No/s Matter #     1st inventor if not in item 1     109/344,613     239606     S. Name and address of party to whom correspondence concerning document should be mailed:     Pillsbury Madison & Sutro, LLP     1100 New York Avenue N.W., 9th Floor, East Tower     Washington, D.C. 20005-3918     S.5 ATTY DKT: 14758     Security DKT: 14758     MATTER NO.     CLIENT REF.     dup. sheet not required     S. 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.     Total pages including this cover sheet and document: 3	X Assignment of X Whole Part interest								
4. Execution date/s on Declaration (if filed herewith): September 20, 21 & 24, 1999         4.5. Appl/Pat Nos.: others on additional sheets enclosed?       X NO YES         A. Pat. App. No/s       Matter #       1st inventor if not in item 1         09/344,613       239606       1st inventor if not in item 1         09/344,613       239606       6. NUMBER INVOLVED:         5. Name and address of party to whom correspondence concerning document should be mailed:       6. NUMBER INVOLVED:         Pillsbury Madison & Sutro, LLP       7. Amount of fee enclosed (Code 581):         1100 New York Avenue N.W., 9th Floor, East Tower       8. If above fee is missing or inadequate, charge insufficiency to DEPOSIT ACCOUNT NO. 03-3975         239606       CL-034       UNDER ORDER:       239606         MATTER NO.       CLIENT REF.       dup. sheet not required       CLIENT/MATTER         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.       10.       Total pages including this cover sheet and document: 3	Change of	Change of name X Patent Application							
4.5 Appl/Pat Nos.: others on additional sheets enclosed?       X NO YES         A. Pat. App. No/s       Matter #       1st inventor if not in item 1         109/344,613       239606       1st inventor if not in item 1         5. Name and address of party to whom correspondence concerning document should be mailed:       6. NUMBER INVOLVED:         Pillsbury Madison & Sutro, LLP       Applns: 1 + Pats: 0 = TOTAL 1         7. Amount of fee enclosed (Code 581):       Above Total x \$40 = \$40.00         5.5       ATTY DKT: 14758         8. If above fee is missing or inadequate, charge insufficiency to DEPOSIT ACCOUNT NO. 03-3975         VINDER ORDER:       239606         MATTER NO.       CLIENT REF.         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.         10.       Total pages including this cover sheet and document: 3	Security Merger Other:								
A. Pat. App. No/s       Matter #       1st inventor if not in item 1         09/344,613       239606       1st inventor if not in item 1         09/344,613       239606       6. NUMBER INVOLVED:         5. Name and address of party to whom correspondence concerning document should be mailed:       6. NUMBER INVOLVED:         Pillsbury Madison & Sutro, LLP       7. Amount of fee enclosed (Code 581):         1100 New York Avenue N.W., 9th Floor, East Tower       8. If above fee is missing or inadequate, charge insufficiency to DEPOSIT ACCOUNT NO. 03-3975         239606       CL-034       UNDER ORDER:       239606         MATTER NO.       CLIENT REF.       dup. sheet not required       CLIENT/MATTER         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.       10.       Total pages including this cover sheet and document: 3	4. Execution date/s	on Declaration (if	filed herewith): S	eptem	ber 20, 21 &	24, 1999	······································		
item 1         09/344,613       239606         5. Name and address of party to whom correspondence concerning document should be mailed:       6. NUMBER INVOLVED:         Pillsbury Madison & Sutro, LLP       Applns: 1 + Pats: 0 = TOTAL 1         1100 New York Avenue N.W., 9th Floor, East Tower Washington, D.C. 20005-3918       7. Amount of fee enclosed (Code 581):         5.5       ATTY DKT: 14758       8. If above fee is missing or inadequate, charge insufficiency to DEPOSIT ACCOUNT NO. 03-3975         239606       CL-034       UNDER ORDER:       239606         MATTER NO.       CLIENT REF.       dup. sheet not required       CLIENT/MATTER         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.       10.       Total pages including this cover sheet and document: 3	4.5 Appl/Pat Nos.: others on additional sheets enclosed?						X NO YES		
5. Name and address of party to whom correspondence concerning document should be mailed:       6. NUMBER INVOLVED:         Pillsbury Madison & Sutro, LLP       Applns: 1 + Pats: 0 = TOTAL 1         7. Amount of fee enclosed (Code 581):       Above Total x \$40 = \$40.00         8. If above fee is missing or inadequate, charge insufficiency to DEPOSIT ACCOUNT NO. 03-3975       239606         CL-034       UNDER ORDER:       239606         MATTER NO.       CLIENT REF.       dup. sheet not required       CLIENT/MATTER         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.       10.       Total pages including this cover sheet and document: 3				t in B.	3. Patent No(s)		1st inventor if not in item 1		
concerning document should be mailed:       Applns: 1 + Pats: 0 = TOTAL 1         Pillsbury Madison & Sutro, LLP       7. Amount of fee enclosed (Code 581):         1100 New York Avenue N.W., 9th Floor, East Tower       Above Total x \$40 = \$40.00         5.5 ATTY DKT: 14758       8. If above fee is missing or inadequate, charge insufficiency to DEPOSIT ACCOUNT NO. 03-3975         239606       CL-034         MATTER NO.       CLIENT REF.         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.         10.       Total pages including this cover sheet and document: 3									
1100 New York Avenue N.W., 9th Floor, East Tower       Above Total x \$40 = \$40.00         Washington, D.C. 20005-3918       8. If above fee is missing or inadequate, charge insufficiency to DEPOSIT ACCOUNT NO. 03-3975         239606       CL-034         MATTER NO.       CLIENT REF.         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.         10.       Total pages including this cover sheet and document: 3							L 1		
239606       CL-034       UNDER ORDER:       239606         MATTER NO.       CLIENT REF.       dup. sheet not required       CLIENT/MATTER         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.       10.       Total pages including this cover sheet and document: 3	1100 New York Avenue N.W., 9th Floor, East Tower								
239606       CL-034       UNDER ORDER:       239606         MATTER NO.       CLIENT REF.       dup. sheet not required       CLIENT/MATTER         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.       10.       Total pages including this cover sheet and document: 3	5.5 ATTY DKT: <b>14758</b>			8.	8. If above fee is missing or inadequate, charge insufficiency to DEPOSIT ACCOUNT NO. 03-3975				
<ul> <li>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.</li> <li>10. Total pages including this cover sheet and document: 3</li> </ul>	239606		CL-034						
correct and any attached copy is a true copy of the original document.           10.         Total pages including this cover sheet and document: 3	MATTER NO.	(	CLIENT REF.	dup	o. sheet not requ	ired	CLIENT/MATTER		
	correct and any attached copy is a true copy of the original document.								
	Signature	10.	10. Total pages including this cover sheet and document: <b>3</b>						
	Gignature	<i>v v</i>							
Atty:         David A. Jakopin, Reg. No. 32,995         Date:         Sept 29         Jage						Sept 2 DAJ/g	29, 1999 E		

## PATENT REEL: 010284 FRAME: 0690

Atty Dkt : 14758/239606 Client Ref: CL-034

Please return recorded to: Pillsbury Madison & Sutro LLP Ninth Floor, East Tower 1100 New York Avenue, N.W. Washington, D.C. 20005-3918

## ASSIGNMENT of U.S. Origin Patent Application

WHEREAS, the undersigned, to wit: (1) John MacPherson, (2) Jayaraman Iyer, (3) Alan H. Huggins, (4) John S. Starzynski, (5) Keith R. Erb, and (6) Dennis L. Lantz, Jr., (hereinafter collectively ASSIGNOR), have made an invention entitled, *Improved Vertical Fuse Structure for Integrated Circuits and Methods of Disconnecting the Same*, for which an application for Letters Patent of the United States was filed in the United States Patent and Trademark Office on June 25, 1999, under Serial No. 09/344,613; and

WHEREAS, CLEAR LOGIC, INC., ASSIGNEE, a corporation duly organized and existing under the laws of the State of California and having its principal office and place of business at 25870 Hellyer Avenue San Jose, California 95138, desires to acquire an interest therein:

\* \* \*

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, said ASSIGNOR does hereby sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right, title and interest to the said invention in the United States and all foreign countries, as described in the aforesaid application, and to the said application and to all continuations, divisions, reissues and substitutes of said application, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and ASSIGNOR hereby authorizes and requests the Commissioner of Patents to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives.

AND ASSIGNOR hereby agrees to execute any papers requested by ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

ASSIGNOR furthermore agrees upon request of said ASSIGNEE, and without further remuneration, to execute any and all papers desired by said ASSIGNEE for the filing and granting of foreign applications and the perfecting of title thereto in said ASSIGNEE.

The undersigned hereby authorize Pillsbury Madison & Sutro LLP, of the above address, to insert further identification necessary or desirable for recordation of this document.

Executed on the date below indicated.

Signature Date Signed Witness (1)John MacPherson 9/20 (2)Jayaraman Iyer (3) Alan H. Huggins ohn S. Starzynski (5) Keith R. Erb 9/27/99 (6)Dennis L. Lantz, Jr.

## **RECORDED: 10/05/1999**