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U.S. PTO 11/731606 03/29/2007

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I hereby certify	that this tra	insmittal of the below	described document is	being deposited with the Unite	ed States Postal Service	in an envelope	
bearing First C 22313-1450, o	lass Postag	le and addressed to the date of deposit.		ts, Commissioner for Patents	, P.U. Box 1450, Alexan		
Date of 03/ Deposit:		Name of Person Making the Deposit:	Anthony Chou	Signature of the Person Making the Deposit:	anthing	the	
Commission P.O. Box 14 Alexandria,	50				- /		
Sir: Please reco	rd the atta	ached original do	cument(s) or copy(i	es) thereof:			
			Transmittal of a	an Assignment			
1. Name of	conveying	g lan Kennedy,	Eugene O'Sullivan	and Carel Lombard			
party(ies)				Group Art Unit:			
Applicati Filed:	011 NO	03/29/07		Examiner:		•	
		00/20/07					
Receiv 3. Nature	and Addro ing party(of Conve tion Date:	ies) 3901 N. I	First Street, San Jo ment	OR CORPORATION se, CA 95134			
4. New Pa	tent Appli	cation entitled:	A FAST LOC	K CIRCUIT FOR A PHA	SE LOCK LOOP		
Nar Ado Pho Cus	Name: Amir A. Tabarrok Address Wagner, Murabito & Hao LLP Two North Market Street, Third Floor, San Jose, CA 95113 Phone (408) 938-9060 Customer No: 45545						
6. Total Nu	Imper of a	applications and p	atents involved: C	JNE			
Assigi Total Fe	nment Re	for other than a s cordation Fee, pe CFR 3.41) \$ 40.00			1 X \$4 0.00	\$40.00	
overpa	yments to	Deposit Account	23-0085. A duplic	lease charge any addition ate copy of this transmit	tal is enclosed.	8	
9. Stateme	ent and sig	gnature:				731606 40	
To the best c of the origina	f my know I documen	rledge and belief, th it.	e foregoing informati	on is true and correct and	any attached copy is	a true copy	
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Page 1 of 1						rev. 6/97 jpw	

PATENT REEL: 019188 FRAME: 0161 Alterney Decket No. CYPR-CD05258

Assignment to Cypress Scenisonauctor Comparedon

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PATENT REEL: 019188 FRAME: 0162

Attorney Docket No.: CYPR-CD05258

Assignment to Cypress Semiconductor Corporation

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we

Eugene O'Sullivan

do hereby sell, assign, and transfer unto Cypress Semiconductor Corporation (hereinafter called Cypress), a Delaware Corporation, having its principal place of business at 3901 N. First Street, San Jose, California 95134, and its successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements, including the right of priority in, to, and under, the application for the United States patent entitled:

A FAST LOCK CIRCUIT FOR A PHASE LOCK LOOP

X filed herewith and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor; or

Serial No.: filed on and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor;

And for the above consideration, I/we agree promptly upon request of Cypress, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to Cypress, its successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by Cypress.

I/we further covenant with Cypress, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned;

In witness whereof, I/we hereunto set my/our hand(s) and seal:

inventor's Signature:

Eugene O Sullivan Date: Mar 29, 2007

PATENT REEL: 019188 FRAME: 0163

Page 1 of 1

Attorney Docket No.: CYPR-CD05258

Assignment to Cypress Semiconductor Corporation

in consideration of good and valuable consideration, receipt of which is hereby acknowledged, l/we lan Kennedy

do hereby sell, assign, and transfer unto Cypress Semiconductor Corporation (hereinafter called Cypress), a Delaware Corporation, having its principal place of business at 3901 N. First Street, San Jose, California 95134, and its successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements, including the right of priority in, to, and under, the application for the United States patent entitled:

A FAST LOCK CIRCUIT FOR A PHASE LOCK LOOP

filed herewith and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor; or

Serial No .: filed on and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor;

And for the above consideration, I/we agree promptly upon request of Cypress, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to Cypress, its successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by Cypress.

We further covenant with Cypress, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned;

In witness whereof, I/we hereunto set my/our hand(s) and seal:

Inventor's Signature:

In Kennah

Date: Mar 29

Page 1 of 1

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PATENT REEL: 019188 FRAME: 0164

RECORDED: 03/29/2007