PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Jonathan A. Noquil	07/17/2007
Ruben Madrid	07/25/2007

RECEIVING PARTY DATA

Name:	Fairchild Semiconductor Corporation
Street Address:	82 Running Hill Road, MS 35-4E
City:	South Portland
State/Country:	MAINE
Postal Code:	04106

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11829793

CORRESPONDENCE DATA

Fax Number: (585)325-5458

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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Email: ekinsley@hiscockbarclay.com

Correspondent Name: Hiscock & Barclay, LLP

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Address Line 4: Rochester, NEW YORK 14604

ATTORNEY DOCKET NUMBER: 3026034

NAME OF SUBMITTER: Robert D. Lott

Total Attachments: 6

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PATENT REEL: 019620 FRAME: 0213 OF \$40.00 11829

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ASSIGNMENT

1. The undersigned hereby undertake that the invention/new utility model/new design entitled

DUAL SIDE COOLING INTEGRATED POWER DEVICE PACKAGE AND MODULE AND METHODS OF MANUFACTURE (Attorney Docket No. 3026035 (17732.68270.001)

was truly invented by me/us.

2. The undersigned hereby assign all my/our rights and interests regarding the invention/new utility model/new design, including the right to claim priority, insofar as the Republic of China is concerned to Fairchild Semiconductor Corporation, a corporation organized and existing under the laws of the State of Delaware and located at 82 Running Hill Road, MS 35-4E, South Portland, ME 04106, USA.

Signature	= Maganit.	Signature		
Name (Print)_	Jonathan A. Noquil	Name (Print)	Ruben Madrid	
Date	July 17, 2007	Date		
Nationality	Filipino	Nationality	Filipino	
Signature		Signature		
Name (Print)		Name (Print)		
Date		Date		
Nationality _		8.7 11.		
Signature		Signature		
Name (Print)_		Name (Print)		
Date		Data		
Nationality		Nationality		

(Neither notarization nor legalization is required for this document)

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FAIRCHILD SEMICONDUCTOR CORPORATION

Assignment

As a below named inventor or joint inventor of an invention or improvement entitled:

DUAL SIDE COOLING INTEGRATED POWER DEVICE PACKAGE AND MODULE AND METHODS OF MANUFACTURE (Attorney Docket No. 3026034 (17732.68270.001)

filed on an even date herewith; and

WHEREAS, FAIRCHILD SEMICONDUCTOR CORPORATION, a Corporation, organized and existing under the laws of the State of Delaware, having its principal office and place of business in the City of South Portland, State of Maine, is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application in the United States of America and in any and all countries foreign thereto;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I have sold, assigned, transferred, and set over, and by these presents do hereby sell, assign, transfer and set over, unto said FAIRCHILD SEMICONDUCTOR CORPORATION, its successors, legal representatives, and assigns, my entire right, title and interest in, to, and under the said invention, and the said application, and all divisional, renewal, substitutional, and continuation applications thereof, and all Letters Patent of the United States of America which may be granted thereof and all reissues and extensions hereof, and all applications for Letters Patent which may be filed for said invention in any country or countries foreign to the United States of America, including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention, all rights to register said invention in appropriate registries, and all Letters Patent which may be granted for said invention in any country or countries foreign to the Unites States of America, and all extensions, renewals, and reissues thereof, and I hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said invention to said FAIRCHILD SEMICONDUCTOR CORPORATION, its successors, legal representatives, and assigns, in accordance with the terms of this instrument.

And I hereby covenant that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

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Docket: 3026034 (17732.68270.001)

And I hereby further covenant and agree that I will communicate to said FAIRCHILD SEMICONDUCTOR CORPORATION, its successors, legal representatives, and assigns, any fact known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisions, renewal, substitutional, continuing, and reissue applications, make all rightful declarations and/or oaths and generally do everything possible to aid said FAIRCHILD SEMICONDUCTOR CORPORATION, its successors, legal representatives, and assigns, to obtain and enforce proper patent protection for said invention in all countries.

IN TESTIMONY WHEREOF, I authorize and affirm said assignments with the signature(s) set forth below on the indicated date(s).

Inventors:		
= Laura III L	July 17, 2007	
Y 4 A NY	July 17, 2007	
Jonathan A. Noquil	Date	
Ruben Madrid	Date	***************************************

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ASSIGNMENT

1. The undersigned hereby undertake that the invention/new utility model/new design entitled

DUAL SIDE COOLING INTEGRATED POWER DEVICE PACKAGE AND MODULE AND METHODS OF MANUFACTURE (Attorney Docket No. 3026035 (17732.68270.001)

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2. The undersigned hereby assign all my/our rights and interests regarding the invention/new utility model/new design, including the right to claim priority, insofar as the Republic of China is concerned to Fairchild Semiconductor Corporation, a corporation organized and existing under the laws of the State of Delaware and located at 82 Running Hill Road, MS 35-4E, South Portland, ME 04106, USA.

Signature	Signature
Name (Print) Jonathan A. Noquil	Name (Print) Ruben Madrid
Date	Date
Nationality Filipino	Nationality <u>Filipino</u>
Signature	Signature
Name (Print)	Name (Print)
Date	Date
Nationality	Nationality
Signature	Signature
Name (Print)	Name (Print)
Date	Date
Nationality	Nationality

(Neither notarization nor legalization is required for this document)

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FAIRCHILD SEMICONDUCTOR CORPORATION

Assignment

As a below named inventor or joint inventor of an invention or improvement entitled:

<u>AND MODULE AND METHODS OF MANUFACTURE</u> (Attorney Docket No. 3026034 (17732.68270.001)

filed on an even date herewith; and

WHEREAS, FAIRCHILD SEMICONDUCTOR CORPORATION, a Corporation, organized and existing under the laws of the State of Delaware, having its principal office and place of business in the City of South Portland, State of Maine, is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application in the United States of America and in any and all countries foreign thereto;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I have sold, assigned, transferred, and set over, and by these presents do hereby sell, assign, transfer and set over, unto said FAIRCHILD SEMICONDUCTOR CORPORATION, its successors, legal representatives, and assigns, my entire right, title and interest in, to, and under the said invention, and the said application, and all divisional, renewal, substitutional, and continuation applications thereof, and all Letters Patent of the United States of America which may be granted thereof and all reissues and extensions hereof, and all applications for Letters Patent which may be filed for said invention in any country or countries foreign to the United States of America, including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention, all rights to register said invention in appropriate registries, and all Letters Patent which may be granted for said invention in any country or countries foreign to the Unites States of America, and all extensions, renewals, and reissues thereof, and I hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said invention to said FAIRCHILD SEMICONDUCTOR CORPORATION, its successors, legal representatives, and assigns, in accordance with the terms of this instrument.

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Docket: 3026034 (17732.68270.001)

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IN TESTIMONY WHEREOF, I authorize and affirm said assignments with the signature(s) set forth below on the indicated date(s).

Inventors:	
Jonathan A. Noquil	Date
Ruben Madrid	25 July 2007

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RECORDED: 07/30/2007