504192141 01/24/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4238816

SUBMISSION TYPE:		NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		ASSIGNMENT	
CONVEYING PARTY DA	TA		
		Name	Execution Date
ELSIE CABAHUG			10/24/2016
MARIA CLEMENS YPIL	QUINONES		10/24/2016
MARIA CRISTINA ESTA	CIO		10/24/2016
ROMEL NOGAS MANAT	AD		10/24/2016
CHUNG-LIN WU			10/24/2016
JEROME TEYSSEYRE			10/24/2016
RECEIVING PARTY DA	ГЛ		
Name:	FAIRCHILD SEMICONDUCTOR CORPORATION		
Street Address:	1272 BORREGAS AVENUE		
City:	SUNNVVALE		
 State/Country:	CALIFORNIA		
Postal Code:	94089		
PROPERTY NUMBERS Property Type		Number	
Application Number:	62	39378	
Application Number:	150)79603	
CORRESPONDENCE D			
Fax Number:		2)332-8352	
Correspondence will be	e sent to th	e e-mail address first; if that is	
using a fay number if r			
• • •	•	,	Sent via 03 man.
Phone:	202	2-470-6450	Sent via US man.
Phone: Email:	202 par	,	
Phone: Email: Correspondent Name:	202 par BR	2-470-6450 alegal@effectualservices.com	
Phone: Email: Correspondent Name: Address Line 1:	202 par BR C/C	2-470-6450 alegal@effectualservices.com AKE HUGHES BELLERMANN L	LP
Email: Correspondent Name: Address Line 1: Address Line 2:	202 par BR C/C 900	2-470-6450 alegal@effectualservices.com AKE HUGHES BELLERMANN LI O CPA GLOBAL	LP JITE 600
using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	202 par BR C/C 900 MIN	2-470-6450 alegal@effectualservices.com AKE HUGHES BELLERMANN LI O CPA GLOBAL O SECOND AVENUE SOUTH, SU	LP JITE 600
Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	202 par BR C/C 900 MIN	2-470-6450 alegal@effectualservices.com AKE HUGHES BELLERMANN L O CPA GLOBAL O SECOND AVENUE SOUTH, SU NNEAPOLIS, MINNESOTA 5540	LP JITE 600
Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	202 par BR C/C 900 MIN	2-470-6450 alegal@effectualservices.com AKE HUGHES BELLERMANN L O CPA GLOBAL O SECOND AVENUE SOUTH, SU NNEAPOLIS, MINNESOTA 55402	LP JITE 600 2

01/24/2017

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DATE SIGNED:

PATENT REEL: 041052 FRAME: 0504

Total Attachments: 9 source=0078-101002_Executed Assignment#page1.tif source=0078-101002_Executed Assignment#page2.tif source=0078-101002_Executed Assignment#page3.tif source=0078-101002_Executed Assignment#page4.tif source=0078-101002_Executed Assignment#page5.tif source=0078-101002_Executed Assignment#page6.tif source=0078-101002_Executed Assignment#page7.tif source=0078-101002_Executed Assignment#page8.tif source=0078-101002_Executed Assignment#page8.tif

ASSIGNMENT

Elsie CABAHUG, residing in <u>Cebu</u>, <u>Philippines</u>, Maria Clemens Ypil QUINONES, residing in <u>Cebu City</u>, <u>Philippines</u>, Maria Cristina ESTACIO, residing in <u>Lapulapu City</u>, <u>Philippines</u>, Romel Nogas MANATAD, residing in <u>Cebu</u>, <u>Philippines</u>, <u>Chung-Lin WU</u>, residing in <u>San Jose</u>, <u>California</u>, and Jerome TEYSSEYRE, residing in <u>Singapore</u>, <u>Singapore</u>, (each referred to as "Assignor") have made an invention(s) (the "Invention(s)") set forth in an application for patent of the United States, entitled SUBSTRATE INTERPOSER ON A LEADFRAME, and which is a:

- (1) [X] provisional application
 - (a) to be filed herewith; or
 - (b) bearing Application No. <u>62/139.378</u>, filed on <u>March 27, 2015</u>, and Attorney Docket No. <u>0078-101P01-75361US01</u>; and
- (2) [X] non-provisional application
 - (a) to be filed herewith; or
 - (b) bearing Application No. <u>15/079.603</u>, filed on <u>March 24, 2016</u>, and Attorney Docket No. <u>0078-101002-75361US02</u>.

WHEREAS, <u>Fairchild Semiconductor Corporation</u>, a corporation duly organized under and pursuant to the laws of <u>Delaware</u>, and having its principal place of business at <u>1272 Borregas Avenue, Sunnvvale, CA 94089</u> (the "Assignee"), is desirous of acquiring the entire right, title, and interest in: the Invention(s); the application for patent identified in paragraph (1) or (2); the right to file applications for patent of the United States or other countries on the Invention(s); any application(s) for patent of the United States or other countries elaiming priority to these application(s); any provisional or other right to recover damages, including royalties, for prior infringements of these applications; and any patent(s) of the United States or other countries that may be granted therefor or thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee then in confirmation of any obligation to do so in said prior agreement, the Assignor has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns, the Assignor's entire right, title, and interest in:

- (a) the Invention(s);
- (b) the application for patent identified in paragraph (1) or (2);

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(c) the right to file applications for patent of the United States or other countries on the Invention(s), including all rights under the Paris Convention for the Protection of Industrial Property and under the Patent Cooperation Treaty;

(d) any application(s) for patent of the United States or other countries claiming the Invention(s);

(e) any application(s) for patent of the United States or other countries claiming priority to the application for patent identified in paragraph (1) or (2) or any application(s) for patent claiming the Invention(s), including any division(s), continuation(s), and continuation(s)-in-part; and

(f) any provisional or other right to recover damages, including royalties, for prior infringements of any application for patent identified in the preceding paragraphs (b)-(e); and

(g) any patent(s) of the United States or other countries that may be granted for or on any application for patent identified in the preceding paragraphs (b) - (e), including any reissue(s) and extension(s) of said patent(s).

The above-granted rights, titles, and interests are to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made.

The Assignor hereby represents to the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, ..., or if applicable, at such time said prior agreement was executed, the Assignor is a lawful owner of an undivided interest in the entire right, title, and interest in and to the Invention(s), that the Invention(s) are unencumbered, except, if applicable, by obligation to assign in accordance with said prior agreement, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth herein.

The Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that the Assignor will sign all papers and ... documents, take all lawful oaths, and do all acts necessary or required to be done in connection with any and all proceedings for the procurement, maintenance, enforcement and defense of the Invention(s), said applications, and said patents, including interference proceedings, without charge to the Assignor, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns.

The Assignor hereby authorizes and requests the attorneys of **BRAKE HUGHES BELLERMANN LLP** to insert in the spaces provided above the filing date, the

PATENT REEL: 041052 FRAME: 0507

application number, and the attorney docket number of the application identified in paragraph (1) or (2) when known.

The Assignor hereby requests the Commissioner of Patents to issue said patents of the United States to the Assignee for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date: 24 OVT 2016	By:	
Date: 2402 2016	By: Maria Clementer Ypil QUINONES	
Date: 24 0H , 2016	By:	
Date: 24 Oct 2816	By: Romel Nogas MANATAD	
Date:	By: System Stranger St	5 - ²⁷ - 27 5 - ²³
Date:	By: Jerome TEYSSEYRE	

PATENT REEL: 041052 FRAME: 0508

ASSIGNMENT

Elsie CABAHUG, residing in <u>Cebu</u>, <u>Philippines</u>, Maria Clemens Ypil QUINONES, residing in <u>Cebu City</u>, <u>Philippines</u>, Maria Cristina ESTACIO, residing in <u>Lapulapu City</u>, <u>Philippines</u>, Romel Nogas MANATAD, residing in <u>Cebu</u>, <u>Philippines</u>, Chung-Lin WU, residing in <u>San Jose</u>, <u>California</u>, and Jerome TEYSSEYRE, residing in <u>Singapore</u>, <u>Singapore</u>, (each referred to as "Assignor") have made an invention(s) (the "Invention(s)") set forth in an application for patent of the United States, entitled SUBSTRATE INTERPOSER ON A LEADFRAME, and which is a:

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WHEREAS, <u>Fairchild Semiconductor Corporation</u>, a corporation duly organized under and pursuant to the laws of <u>Delaware</u>, and having its principal place of business at <u>1272 Borregas Avenue</u>, <u>Sunnyvale</u>, <u>CA 94089</u> (the "Assignee"), is desirous of acquiring the entire right, title, and interest in: the Invention(s); the application for patent identified in paragraph (1) or (2); the right to file applications for patent of the United States or other countries on the Invention(s); any application(s) for patent of the United States or other countries claiming priority to these application(s); any provisional or other right to recover damages, including royalties, for prior infringements of these applications; and any patent(s) of the United States or other countries that may be granted therefor or thereon.

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- (a) the Invention(s);
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(c) the right to file applications for patent of the United States or other countries on the Invention(s), including all rights under the Paris Convention for the Protection of Industrial Property and under the Patent Cooperation Treaty;

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(e) any application(s) for patent of the United States or other countries claiming priority to the application for patent identified in paragraph (1) or (2) or any application(s) for patent claiming the Invention(s), including any division(s), continuation(s), and continuation(s)-in-part; and

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Date:	By:
	Elsie CABAHUG
Date:	By: Maria Clemens Ypil QUINONES
Date:	By:
Date:	By: Romel Nogas MANATAD
Date: 10/24/2016	By: <u>Ur</u> Wu Chung-Lin WU
Date:	By: Jerome TEYSSEYRE

PATENT REEL: 041052 FRAME: 0511

ASSIGNMENT

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RECORDED: 01/24/2017