505520229 06/11/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5567034

	TYPE: NEW ASSIGNMENT		
ATURE OF CONVEYANCE: ASSIGNMENT		ASSIGNMENT	
CONVEYING PARTY DA	ATA		
		Name	Execution Date
CHAO-FENG CAI			05/16/2019
JIAN-HONG ZENG		05/24/2019	
ZENG LI	05/20/2019		
XIAO-NI XIN		05/23/2019	
RECEIVING PARTY DA	ТА		
Name:	DELTA ELECTRONICS, INC.		
Street Address:	31-1 XINGBANG ROAD, GUISHAN INDUSTRIAL ZONE		
City:			
State/Country:	TAIWAN		
Postal Code:	33370		
Property Type Application Number:	1	Number 6436939	
Application Number:	10	6436939	
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ASSIGNMENT

This assignment agreement is applicable to an invention entitled (Invention Title)_____

SEMICONDUCTOR PACKAGING STRUCTURE

The PATENT RIGHTS referred to in this agreement are:

(check one) a patent application for this invention, executed by the ASSIGNOR(S)

concurrently with this assignment.

U.S. patent application Serial No._____, filed____

a U.S. patent application based on PCT International Application

No.______filed on (date)_____(U.S. patent application

Serial No._____, if known).

U.S. patent No.____, issued____.

The PATENT RIGHTS also include all divisions, reissues, continuations and extensions of the patents and patent applications identified above.

The PATENT RIGHTS assigned under this agreement are:

U.S. patent rights only.

The ASSIGNOR(S) referred to in this agreement is (or are) the inventor(s) whose signatures appear on page 2 of this Assignment and any Supplemental Sheet(s).

The ASSIGNEE referred to in this agreement is:

(Name of Assignee) DELTA ELECTRONICS, INC.

(Address) 31-1 Xingbang Road, Guishan Industrial Zone, Taoyuan City 33370, Taiwan, R.O.C. The ASSIGNEE is:

(check one) An individual

A Partnership.

A Corporation of <u>TAIWAN, R.O.C.</u> (specify state or country)

The ASSIGNOR(S), in consideration of \$10.00 paid by the ASSIGNEE, and other good and valuable consideration, receipt of which is acknowledged, hereby assign(s) the following rights to the ASSIGNEE, its successors and assigns:

the full and exclusive right to the invention;

the entire right, title and interest in and to the PATENT RIGHTS;

the right to sue and recover for any past infringement; and

the right to claim priority under 35 USC 119, 35 USC 120, or any other applicable provisions, based on any earlier patent applications for this invention.

PATENT REEL: 049439 FRAME: 0022

THIS IS PAGE 2 OF AN ASSIGNMENT FROM THE INVENTOR(S) TO ASSIGNEE: DELTA ELECTRONICS, INC. INVENTION TITLE: SEMICONDUCTOR PACKAGING STRUCTURE

As to all U.S. patent applications assigned under this agreement, the ASSIGNOR(S) hereby authorize(s) and request(s) the Commissioner of Patents and Trademark to issue all Letters Patent to the ASSIGNEE as the assignce of the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE, its successors and assigns.

Further, the ASSIGNOR(S) agree(s) to communicate to said ASSIGNEE, or its representatives, any fact known to the ASSIGNOR(S) with respect to said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal, reexamination and reissue applications, execute all necessary assignment papers to cause and all Letter Patent to be issued to said ASSIGNEE, make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE, its

successors and assigns, to obtain and enforce proper protection for said invention.

The ASSIGNOR(S) authorize(s) the attorneys and agents who have the power of attorney in this application to check any appropriate boxes and to insert the Serial Number and filing date in this document after it has been executed.

Chao-Feng CAI

Name of sole or first inventor

Chrasfay. Cor: Signature

May. 16. 20 A. Date

Date

Date

Jian-Hong ZENG

Name of second inventor, if any

Zeng LI Name of third inventor, if any

Xiao-Ni XIN

Name of fourth inventor, if any

Signature

Signature

Signature

Date

PATENT REEL: 049439 FRAME: 0023

ASSIGNMENT

This assignment agreement is applicable to an invention entitled (Invention Title)

SEMICONDUCTOR PACKAGING STRUCTURE

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(*check one*) 🖾 a patent application for this invention, executed by the ASSIGNOR(S)

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□ a U.S. patent application based on PCT International Application

No.______filed on (date)_____(U.S. patent application

Serial No.____, if known).

□ U.S. patent No.____, issued____.

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(Address) 31-1 Xingbang Road, Guishan Industrial Zone, Taoyuan City 33370, Taiwan,

R.O.C.

The ASSIGNEE is:

 $(check one) \square$ An individual.

 \Box A Partnership.

A Corporation of <u>TAIWAN, R.O.C.</u> (specify state or country) □ (other)

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PATENT REEL: 049439 FRAME: 0024

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As to all U.S. patent applications assigned under this agreement, the ASSIGNOR(S) hereby authorize(s) and request(s) the Commissioner of Patents and Trademark to issue all Letters Patent to the ASSIGNEE as the assignee of the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE, its successors and assigns.

Further, the ASSIGNOR(S) agree(s) to communicate to said ASSIGNEE, or its representatives, any fact known to the ASSIGNOR(S) with respect to said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal, reexamination and reissue applications, execute all necessary assignment papers to cause and all Letter Patent to be issued to said ASSIGNEE, make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention.

The ASSIGNOR(S) authorize(s) the attorneys and agents who have the power of attorney in this application to check any appropriate boxes and to insert the Serial Number and filing date in this document after it has been executed.

Chao-Feng CAI			
Name of sole or first inventor	Signature	Date	
Jian-Hong ZENG			
Name of second inventor, if any	Signature	Date	
Zeng Ll	2eng Lz	2019	- 05-20
Name of third inventor, if any	Signature	Date	
Xiao-Ni XIN			
Name of fourth inventor, if any	Signature	Date	

ASSIGNMENT

This assignment agreement is applicable to an invention entitled (Invention Title)_____

SEMICONDUCTOR PACKAGING STRUCTURE

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n a U.S. patent application based on PCT International Application

No.______filed on (date)______(U.S. patent application

Serial No._____, if known).

U.S. patent No.____, issued____.

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R.O.C.

The ASSIGNEE is:

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(other)

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Chao-Feng CAI	
Name of sole or first inventor	Signature
Jian-Hong ZENG	Jian Hons JONG
Name of second inventor, if any	Signature
Zeng LI	
Name of third inventor, if any	Signature
Xiao-Ni XIN	Xiao N: Xin

Name of fourth inventor, if any

Signature

Date

2019.5.24

Date

Date

(23 2019 Date

PATENT REEL: 049439 FRAME: 0027

RECORDED: 06/11/2019