505221944 12/05/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------|----------------|
| Chia-Chieh Fan | 12/03/2018 |
| Chin-Lung Ting | 12/03/2018 |
| Cheng-Chi Wang | 12/03/2018 |
| Ming-Tsang Wu | 12/03/2018 |

RECEIVING PARTY DATA

| Name: | InnoLux Corporation |
|-----------------|---|
| Street Address: | No. 160 Kesyue Rd., Jhu-Nan Site, Hsinchu Science Park, Jhu-Nan |
| City: | Miao-Li County |
| State/Country: | TAIWAN |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 16211194 |

CORRESPONDENCE DATA

Fax Number: (703)997-4517

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 3027291562

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Correspondent Name: WINSTON HSU

Address Line 1: 5F., NO.389, FUHE RD., YONGHE DIST.,

Address Line 4: NEW TAIPEI CITY, TAIWAN

| ATTORNEY DOCKET NUMBER: | CGIP0025USA |
|-------------------------|-------------|
| NAME OF SUBMITTER: | SIBYL YU |
| SIGNATURE: | /SIBYL YU/ |
| DATE SIGNED: | 12/05/2018 |

Total Attachments: 8

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PATENT REEL: 047685 FRAME: 0656

EPAS ID: PAT5268713

505221944



PATENT REEL: 047685 FRAME: 0657

Title of Invention:

MANUFACTURING METHOD OF SEMICONDUCTOR DEVICE

| As the below named inventor, I here This declaration is directed to: | by declare that: | | |
|---|--|---|---|
| ☑ The attached application, or | • | | |
| ☐ United States application nu | ımber | filed on | , or |
| ☐ PCT international applicatio | n number | filed on | |
| The above-identified application was | made or authorized to be made | by me. | |
| I believe that I am the original invent application. | or or an original joint inventor of a | ı claimed invention ir | ı the |
| I hereby acknowledge that any willfu under18 U.S.C. 1001 by fine or impr | I false statement made in this decisionment of not more than five (5) | :laration is punishabl) years, or both. | le |
| In consideration of the payment by | InnoLux Corporation | having a po | ostal address of |
| No. 160 Kesyue Rd., Jhu-Nan Taiwan, R.O.C. | Site, Hsinchu Science Parl | ., Jhu-Nan, Miaο- | -Li County 350 |
| (referred to as "ASSIGNEE" below) to acknowledged, and for other good an | o I of the sum of One Dollar (\$ 1.0 d valuable consideration. | 0), the receipt of wh | ich is hereby |
| I hereby sell, assign and transfer to A the entire right, title and interest in an invention as above-identified applica invention by the above application or substitutes, or extensions thereof, ar | nd to any and all improvements w tion and, in and to, all Letters Pat any continuations, continuation- id as to Letters Patent any reissu | hich are disclosed in ent to be obtained fo n-part, divisions, ren e or re-examination t | n the or said newals, thereof. |
| I hereby covenant that no assignmer entered into which would conflict with | it, sale, agreement or encumbran i this assignment; | ce has been or will b | e made or |
| I further covenant that ASSIGNEE w and documents relating to said inven known and accessible to I and will te related thereto and will promptly exe | tion and said Letters Patent and I stify as to the same in any interfe | legal equivalents as r rence, litigation proc | may be |
| representatives any and all papers, in maintain, issue and enforce said app equivalents thereof which may be ne IN WITNESS WHEREOF, I have her | lication, said invention and said L cessary or desirable to carry out t | etters Patent and sa | f |
| Note: An application data sheet (PTC inventive entity, must accompany this | 0/SB/14 or equivalent), including i s form. Use this form for <u>each add</u> | naming the entire litional inventor. | |

Page 1 of 8

NPO#CGI-P0025-USA:0 CUST#TN20180001-US-0

Inventor: Chia-Chieh Fan Date: DEC 0 3 2018

Signature: Chia - Chieh Fan

Page 2 of 8

Title of Invention:

MANUFACTURING METHOD OF SEMICONDUCTOR DEVICE

| As the below named inventor, I hereby declare that: This declaration is directed to: | | |
|--|--|-----------------------------|
| ☑ The attached application, or | | |
| ☐ United States application number | filed on | , or |
| ☐ PCT international application number | filed on | |
| The above-identified application was made or authorized to be | e made by me. | |
| believe that I am the original inventor or an original joint inver application. | ntor of a claimed invention in | n the |
| hereby acknowledge that any willful false statement made in under18 U.S.C. 1001 by fine or imprisonment of not more than | this declaration is punishab n five (5) years, or both. | le |
| n consideration of the payment by InnoLux Corporation | having a po | ostal address of |
| No. 160 Kesyue Rd., Jhu-Nan Site, Hsinchu Scienc Taiwan, R.O.C. | e Park, Jhu-Nan, Miao | -Li County 350, |
| referred to as "ASSIGNEE" below) to I of the sum of One Dolla acknowledged, andfor other good and valuable consideration. | ar (\$ 1.00), the receipt of wh | nich is hereby |
| hereby sell, assign and transfer to ASSIGNEE and the succe he entire right, title and interest in and to any and all improver nvention as above-identified application and, in and to, all Lett nvention by the above application or any continuations, continuations, the substitutes, or extensions thereof, and as to Letters Patent any | nents which are disclosed in ters Patent to be obtained for truation-in-part, divisions, rer | n the or said newals. |
| hereby covenant that no assignment, sale, agreement or encentered into which would conflict with this assignment; | umbrance has been or will i | be made or |
| further covenant that ASSIGNEE will, upon its request, be pround documents relating to said invention and said Letters Pate known and accessible to I and will testify as to the same in any elated thereto and will promptly execute and deliver to ASSIG | ent and legal equivalents as vinterference, litigation prod | may be |
| epresentatives any and all papers, instruments or affidavits re naintain, issue and enforce said application, said invention an equivalents thereof which may be necessary or desirable to ca N WITNESS WHEREOF, I have hereunto set hand and seal t | d said Letters Patent and sa | f. |
| Note: An application data sheet (PTO/SB/14 or equivalent), inconventive entity, must accompany this form. Use this form for <u>e</u> | cluding naming the entire each additional inventor. | |

Page 3 of 8

NPO#CGI-P0025-USA:0 CUST#TN20180001-US-0

| LEGAL NAME OF INVENTOR(ASSIGNOR) | | | | |
|----------------------------------|----------------|-------|--------------|--|
| Inventor: | Chin-Lung Ting | Date: | DEC 0 3 2018 | |
| Signature; | Ting Chin Lung | | | |
| | | | | |

Page 4 of 8

Title of Invention:

MANUFACTURING METHOD OF SEMICONDUCTOR DEVICE

| As the below named inventor, I hereby de This declaration is directed to: | leclare that: | | | |
|---|--|--|---|--|
| The attached application, or | | | | |
| ☐ United States application number | er | filed on | , ог | |
| ☐ PCT international application nu | umber | filed on | | |
| The above-identified application was made | de or authorized to be | made by me. | | |
| I believe that I am the original inventor or application. | r an original ĵoint inver | tor of a claimed invention i | n the | |
| I hereby acknowledge that any willful fals under18 U.S.C. 1001 by fine or imprisonr | se statement made in t ment of not more than | this declaration is punishab five (5) years, or both. | le | |
| In consideration of the payment by Inn | oLux Corporation | having a po | ostal address of | |
| No. 160 Kesyue Rd., Jhu-Nan Site Taiwan, R.O.C. | e, Hsinchu Scienc | e Park, Jhu-Nan, Miao | -Li County 350 | |
| (referred to as "ASSIGNEE"below) to I of acknowledged, andfor other good and val | the sum of One Dolla luable consideration. | r (\$ 1.00), the receipt of wh | ich is hereby | |
| I hereby sell, assign and transfer to ASSII the entire right, title and interest in and to invention as above-identified application a invention by the above application or any substitutes, or extensions thereof, and as | any and all improvem and, in and to, all Letto continuations, continu to Letters Patent any | ents which are disclosed in ers Patent to be obtained fo uation-in-part, divisions, ren reissue or re-examination | n the or said newals, thereof. | |
| I hereby covenant that no assignment, sa entered into which would conflict with this | are, agreement or enct assignment; | imbrance has been or will b | oe made or | |
| I further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to I and will testify as to the same in any interference, litigation proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal | | | | |
| representatives any and all papers, instru maintain, issue and enforce said applicati equivalents thereof which may be necess IN WITNESS WHEREOF, I have hereunt | ion, said invention and sary or desirable to car | said Letters Patent and sa | f | |
| Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire nventive entity, must accompany this form. Use this form for <u>each additional inventor.</u> | | | | |

Page 5 of 8

NPO#CGI-P0025-USA:0 CUST#TN20180001-US-0

Inventor: Cheng-Chi Wang

Signature: Cheng-Chi Wang

Date: DEC 0 3 2018

Page 6 of 8

Title of Invention:

MANUFACTURING METHOD OF SEMICONDUCTOR DEVICE

| As the below named inventor, I here This declaration is directed to: | eby declare that: | | |
|--|--|--|-------------------------------------|
| ☑ The attached application, or | r | | |
| ☐ United States application nu | umber | filed on | , or |
| ☐ PCT international application | n number | filed on | • |
| The above-identified application was | s made or authorized to b | e made by me. | |
| I believe that I am the original inventapplication. | ior or an original joint inve | entor of a claimed invention | n in the |
| I hereby acknowledge that any willfu under18 U.S.C. 1001 by fine or impr | il false statement made in isonment of not more tha | this declaration is punish n five (5) years, or both. | able |
| In consideration of the payment by | InnoLux Corporatio | n having a | postal address of |
| No. 160 Kesyue Rd., Jhu-Nan Taiwan, R.O.C. | Site, Hsinchu Scienc | ce Park, Jhu-Nan, Mia | 30-Li County 350 |
| (referred to as "ASSIGNEE"below) to acknowledged, andfor other good ar | o I of the sum of One Doll nd valuable consideration. | ar (\$ 1.00), the receipt of | which is hereby |
| I hereby sell, assign and transfer to a the entire right, title and interest in a invention as above-identified applica invention by the above application of substitutes, or extensions thereof, ar | nd to any and all improvel ition and, in and to, all Let r any continuations, contir | ments which are disclosed ters Patent to be obtained nuation-in-part, divisions, i | d in the d for said renewals. |
| I hereby covenant that no assignmer entered into which would conflict with | nt, sale, agreement or end n this assignment; | cumbrance has been or w | ill be made or |
| I further covenant that ASSIGNEE wand documents relating to said inver known and accessible to I and will te related thereto and will promptly exe | ition and said Letters Pate istify as to the same in an | ent and legal equivalents : v interference, litigation or | as may be |
| representatives any and all papers, i maintain, issue and enforce said app equivalents thereof which may be ne IN WITNESS WHEREOF, I have her | olication, said invention ar ecessary or desirable to ca | nd said Letters Patent and arry out the proposes then | said eof |
| Note: An application data sheet (PTC inventive entity, must accompany this | D/SB/14 or equivalent), in s form. Use this form for <u>e</u> | cluding naming the entire each additional inventor. | |
| | • | | • |

Page 7 of 8

NPO#CGI-P0025-USA:0 CUST#TN20180001-US-0

Docket No CGIP0025USA

LEGAL NAME OF INVENTOR(ASSIGNOR)

Inventor: Ming-Tsang Wu

Date:

DEC 0 3 2018

Signature:

Ming - Tso

Wn.

NPO#CGI-P0025-USA:0

Page 8 of 8

F#NPO-P0002E-US1201 DSB0-107U023863

PATENT
RECORDED: 12/05/2018 REEL: 047685 FRAME: 0665