

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6623956

| | | |
|---|------------------------------------|-----------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT | |
| NATURE OF CONVEYANCE: | ASSIGNMENT | |
| CONVEYING PARTY DATA | | |
| | Name | Execution Date |
| | YEOW MENG TEO | 03/25/2021 |
| | WEE-HONG NG | 03/23/2021 |
| | PEI-CHEE MAH | 03/23/2021 |
| | CHEE CHUNG JAMES WONG | 03/23/2021 |
| | GEOK JOO SOH | 03/25/2021 |
| RECEIVING PARTY DATA | | |
| Name: | LUMILEDS LLC | |
| Street Address: | 370 WEST TRIMBLE ROAD | |
| City: | SAN JOSE | |
| State/Country: | CALIFORNIA | |
| Postal Code: | 95131 | |
| PROPERTY NUMBERS Total: 1 | | |
| Property Type | Number | |
| Application Number: | 17213390 | |
| CORRESPONDENCE DATA | | |
| Fax Number: | | |
| <i>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.</i> | | |
| Phone: | 7328150404 | |
| Email: | slewis@dsiplaw.com | |
| Correspondent Name: | SERVILLA WHITNEY LLC | |
| Address Line 1: | 33 WOOD AVENUE SOUTH, SUITE 830 | |
| Address Line 4: | ISELIN, NEW JERSEY 08830 | |
| ATTORNEY DOCKET NUMBER: | 2020P00114US02 | |
| NAME OF SUBMITTER: | KAREN M. WHITNEY | |
| SIGNATURE: | /Karen M. Whitney, Reg. No. 52355/ | |
| DATE SIGNED: | 03/26/2021 | |
| Total Attachments: 5 | | |
| source=00992325#page1.tif | | |

source=00992325#page2.tif

source=00992325#page3.tif

source=00992325#page4.tif

source=00992325#page5.tif

PATENT

REEL: 055729 FRAME: 0315

2020P00114US02

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

Title of Invention Methods Of Making Flip Chip Micro Light Emitting Diodes

As the below named inventor, I hereby declare that:

This declaration (X) The attached application, or
is directed to: () United States application or PCT international application number
filed on.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Note to Inventor: 37 C.F.R. § 1.63(c) states: "A person may not execute an oath or declaration for an application unless that person has reviewed and understands the contents of the application, including the claims, and is aware of the duty to disclose to the Office all information known to the person to be material to patentability as defined in § 1.56."

I hereby sell, assign, and transfer, for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, to:

Lumileds LLC

(Name of Assignee)
of 370 West Trimble Road, San Jose, CA 95131
(address of Assignee)

its successors or assigns (hereinafter designated as the Assignee) my entire right, title and interest for the United States as defined in 35 USC § 100 in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in the U.S. for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention; and I do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns. I also agree to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

I do hereby agree that I and my executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to me relating to said improvements and the history thereof and at no cost to me will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

I covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me.

I agree to execute all papers necessary in connection with any post-grant proceeding which may occur in connection with this application in all countries or continuation, divisional or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such post-grant proceeding.

I agree to perform all affirmative acts which may be necessary to obtain a grant of a valid patent in the U.S. to the Assignee.

Inventor (Legal Name) Yeow Meng Teo

Signature: / Yeow Meng Teo / Date: 3/25/2021
C5C1D6D98897438

2020P00114US02

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING
AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT**

| | |
|---------------------------|---|
| Title of Invention | Methods Of Making Flip Chip Micro Light Emitting Diodes |
|---------------------------|---|

As the below named inventor, I hereby declare that:

This declaration (X) The attached application, or
is directed to: () United States application or PCT international application number
filed on.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Note to Inventor: 37 C.F.R. § 1.63(c) states: "A person may not execute an oath or declaration for an application unless that person has reviewed and understands the contents of the application, including the claims, and is aware of the duty to disclose to the Office all information known to the person to be material to patentability as defined in § 1.56."

I hereby sell, assign, and transfer, for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, to:

Lumileds LLC

(Name of Assignee)
of 370 West Trimble Road, San Jose, CA 95131
(address of Assignee)

its successors or assigns (hereinafter designated as the Assignee) my entire right, title and interest for the United States as defined in 35 USC § 100 in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in the U.S. for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention; and I do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns. I also agree to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

I do hereby agree that I and my executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to me relating to said improvements and the history thereof and at no cost to me will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

I covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me.

I agree to execute all papers necessary in connection with any post-grant proceeding which may occur in connection with this application in all countries or continuation, divisional or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such post-grant proceeding.

I agree to perform all affirmative acts which may be necessary to obtain a grant of a valid patent in the U.S. to the Assignee.

Inventor (Legal Name): Wen-Hong Ng

Signature: /  / Date: 3/23/2021

4C15A6431B11405

2020P00114US02

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING
AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT**

| | |
|---------------------------|---|
| Title of Invention | Methods Of Making Flip Chip Micro Light Emitting Diodes |
|---------------------------|---|

As the below named inventor, I hereby declare that:

This declaration (X) The attached application, or
is directed to: () United States application or PCT international application number
filed on.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Note to Inventor: 37 C.F.R. § 1.63(c) states: "A person may not execute an oath or declaration for an application unless that person has reviewed and understands the contents of the application, including the claims, and is aware of the duty to disclose to the Office all information known to the person to be material to patentability as defined in § 1.56."

I hereby sell, assign, and transfer, for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, to:

Lumileds LLC

(Name of Assignee)
of 370 West Trimble Road, San Jose, CA 95131
(address of Assignee)

its successors or assigns (hereinafter designated as the Assignee) my entire right, title and interest for the United States as defined in 35 USC § 100 in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in the U.S. for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention; and I do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns. I also agree to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

I do hereby agree that I and my executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to me relating to said improvements and the history thereof and at no cost to me will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

I covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me.

I agree to execute all papers necessary in connection with any post-grant proceeding which may occur in connection with this application in all countries or continuation, divisional or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such post-grant proceeding.

I agree to perform all affirmative acts which may be necessary to obtain a grant of a valid patent in the U.S. to the Assignee.

Inventor (Legal Name): Reinhold Mah

Signature: /  / Date: 3/23/2021

PATENT

REEL: 055729 FRAME: 0318

2020P00114US02

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING
AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT**

| | |
|---------------------------|---|
| Title of Invention | Methods Of Making Flip Chip Micro Light Emitting Diodes |
|---------------------------|---|

As the below named inventor, I hereby declare that:

This declaration (X) The attached application, or
is directed to: () United States application or PCT international application number
filed on.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Note to Inventor: 37 C.F.R. § 1.63(c) states: "A person may not execute an oath or declaration for an application unless that person has reviewed and understands the contents of the application, including the claims, and is aware of the duty to disclose to the Office all information known to the person to be material to patentability as defined in § 1.56."

I hereby sell, assign, and transfer, for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, to:

Lumileds LLC

(Name of Assignee)
of 370 West Trimble Road, San Jose, CA 95131
(address of Assignee)

its successors or assigns (hereinafter designated as the Assignee) my entire right, title and interest for the United States as defined in 35 USC § 100 in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in the U.S. for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention; and I do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns. I also agree to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

I do hereby agree that I and my executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to me relating to said improvements and the history thereof and at no cost to me will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

I covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me.

I agree to execute all papers necessary in connection with any post-grant proceeding which may occur in connection with this application in all countries or continuation, divisional or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such post-grant proceeding.

I agree to perform all affirmative acts which may be necessary to obtain a grant of a valid patent in the U.S. to the Assignee.

Inventor (Legal Name): ~~Chen-Chung~~ Chen-Chung James Wong

Signature: / Chen-Chung James Wong Date: 3/23/2021

ABE74CCEADE643B

2020P00114US02

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING
AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT**

| | |
|---------------------------|---|
| Title of Invention | Methods Of Making Flip Chip Micro Light Emitting Diodes |
|---------------------------|---|

As the below named inventor, I hereby declare that:

This declaration (X) The attached application, or
is directed to: () United States application or PCT international application number
filed on.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Note to Inventor: 37 C.F.R. § 1.63(c) states: "A person may not execute an oath or declaration for an application unless that person has reviewed and understands the contents of the application, including the claims, and is aware of the duty to disclose to the Office all information known to the person to be material to patentability as defined in § 1.56."

I hereby sell, assign, and transfer, for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, to:

Lumileds LLC

(Name of Assignee)
of 370 West Trimble Road, San Jose, CA 95131
(address of Assignee)

its successors or assigns (hereinafter designated as the Assignee) my entire right, title and interest for the United States as defined in 35 USC § 100 in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in the U.S. for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention; and I do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns. I also agree to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

I do hereby agree that I and my executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to me relating to said improvements and the history thereof and at no cost to me will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

I covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me.

I agree to execute all papers necessary in connection with any post-grant proceeding which may occur in connection with this application in all countries or continuation, divisional or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such post-grant proceeding.

I agree to perform all affirmative acts which may be necessary to obtain a grant of a valid patent in the U.S. to the Assignee.

Inventor (Legal Name): Geok Joo Soh

Signature: / Geok Joo Soh / Date: 3/25/2021

A11ED8D6234949B