503187804 02/20/2015 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3234421

| SUBMISSION TYPE: | | NEW ASSIGNMENT | |
|-------------------|-----------------------|------------------------------------|----------------|
| NATURE OF CONVEYA | NCE: | ASSIGNMENT | |
| CONVEYING PARTY | ΑΤΑ | | |
| | | Name | Execution Date |
| QUANMIN ZHONG | | | 01/29/2015 |
| XINGHUA LI | | | 01/29/2015 |
| WEI HE | | | 01/29/2015 |
| JING WANG | | | 01/29/2015 |
| ZHIYONG YANG | | | 01/29/2015 |
| RECEIVING PARTY D | ΑΤΑ | | |
| Name: | BOE T | ECHNOLOGY GROUP CO., LTD. | |
| Street Address: | NO. 10 | JIUXIANQIAO RD., CHAOYANG DISTRICT | - |
| City: | BEIJIN | G | |
| State/Country: | CHINA | | |
| Postal Code: | 10001 | 5 | |
| Name: | CHEN | GDU BOE OPTOELECTRONICS TECHNOL | OGY CO., LTD. |
| Street Address: | NO. 1 ⁻ | 88, HEZUO RD., HI-TECH DEVELOPMENT | ZONE |
| City: | CHEN | GDU, SICHUAN | |
| State/Country: | CHINA | х Х | |
| Postal Code: | 61173 | 1 | |
| | S Total: ⁻ | | |
| Property Type | ! | Number | |
| | | 14422799 | |

| ATTORNEY | DOCKET | NUMBER: | 3368 |
|----------|--------|---------|------|
| | | | |

| NAME OF SUBMITTER: | JOSHUA B. GOLDBERG |
|-----------------------------|--|
| SIGNATURE: | /Joshua B.Goldberg/ |
| DATE SIGNED: | 02/20/2015 |
| | This document serves as an Oath/Declaration (37 CFR 1.63). |
| Total Attachments: 5 | |
| source=SignedDecs#page1.tif | |
| source=SignedDecs#page2.tif | |
| source=SignedDecs#page3.tif | |
| source=SignedDecs#page4.tif | |
| source=SignedDecs#page5.tif | |

docket no.33680U (UP-150077-02US)

As the undersigned inventor, I hereby declare that this Declaration under 37 CFR §1.63 is directed to the following invention:

| Title: | | |
|-------------|--|----------------------------|
| U.S. app | lication serial number or PCT international application number | PCT/CN2014/073788 |
| Filed on | 20 March 2014 | |
| The abov | re-identified application was made or authorized to be made by n | ne. |
| | that I am the original inventor or an original joint inventor of | a claimed invention in the |
| application | 1) BOE TECHNOLOGY GROUP CO., LTD. | GY CO., LTD. |

| WHEREAS, | 2) CHENGDU BOE OPTOELECTRONICS TECHNOLOGY CO., LTD. | |
|--------------|--|----|
| whose busine | ss address is | |
| : | No. 10 Jiuxianqiao Rd., Chaoyang District, Beijing 100015, China No. 1188 Hezuo Rd., Hi-tech Development Zone, Chengdu, Sichuan 611731, China | |
| | | ŧ. |

hereinafter referred to as the ASSIGNEE, desires to acquire the entire right, title and interest for the United States and elsewhere throughout the world in and to said invention and application, including any and all divisions and continuations thereof, all rights of priority under the terms of the International Convention for the Protection of Industrial Property, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof.

NOW, THEREFORE, in consideration of the sum of one dollar (\$1.00) and other good and valuable consideration, the receipt, adequacy and sufficiency of which are hereby acknowledged, the undersigned hereby assigns, sells and transfers to said ASSIGNEE, its assigns and legal representatives, the entire right; title and interest for the United States and elsewhere throughout the world, in and to said invention and application, including any and all divisions and continuations thereof, all rights of priority under the terms of the International Convention for the Protection of Industrial Property, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, and prolongations thereof, with all the rights, powers, privileges, and advantages in any way arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal representatives, in as ample and as beneficial a manner for all intents and purposes as the undersigned might or could have held and enjoyed the same had this assignment not been made.

ς÷,

The undersigned hereby agrees to execute all papers necessary to file said applications in the United States and elsewhere throughout the world, and to assign the same to said ASSIGNEE, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing any and all Letters Patent thereon. The undersigned authorizes and requests the Commissioner of Patents to issue a Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

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.

| LEGAL NAME OF INVENTOR. | Quanmin ZHONG | |
|-------------------------|---------------|---|
| INVENTOR SIGNATURE: | un min Zhong | ; |
| DATE: Jan 29, 2015 | | |

PATENT REEL: 034993 FRAME: 0690

<u>docket no.33680U</u> (UP-150077-02US)

As the undersigned inventor, I hereby declare that this Declaration under 37 CFR §1.63 is directed to the following invention:

| Title: | |
|--|-------------------|
| U.S. application serial number or PCT international application number | PCT/CN2014/073788 |
| Filed on 20 March 2014 | |

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

| WHEREAS, | BOE TECHNOLOGY GROUP CO., LTD. CHENGDU BOE OPTOELECTRONICS TECHNOLOGY CO., LTD. | |
|--------------|--|--|
| whose busine | ess address is | |
| | No. 10 Jiuxianqiao Rd., Chaoyang District, Beijing 100015, China No. 1188 Hezuo Rd., Hi-tech Development Zone, Chengdu, Sichuan 611731, China | |

hereinafter referred to as the ASSIGNEE, desires to acquire the entire right, title and interest for the United States and elsewhere throughout the world in and to said invention and application, including any and all divisions and continuations thereof, all rights of priority under the terms of the International Convention for the Protection of Industrial Property, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof.

NOW, THEREFORE, in consideration of the sum of one dollar (\$1.00) and other good and valuable consideration, the receipt, adequacy and sufficiency of which are hereby acknowledged, the undersigned hereby assigns, sells and transfers to said ASSIGNEE, its assigns and legal representatives, the entire right, title and interest for the United States and elsewhere throughout the world, in and to said invention and application, including any and all divisions and continuations thereof, all rights of priority under the terms of the International Convention for the Protection of Industrial Property, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges, and advantages in any way arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal representatives, in as ample and as beneficial a manner for all intents and purposes as the undersigned might or could have held and enjoyed the same had this assignment not been made.

The undersigned hereby agrees to execute all papers necessary to file said applications in the United States and elsewhere throughout the world, and to assign the same to said ASSIGNEE, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing any and all Letters Patent thereon. The undersigned authorizes and requests the Commissioner of Patents to issue a Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

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.

| LEGAL NAME OF INVENTOR: | Xinghua LI |
|-------------------------|------------|
| INVENTOR SIGNATURE: | Xinghua LI |
| DATE: Jan 29. 2015 | |

PATENT REEL: 034993 FRAME: 0691

docket no.33680U (UP-150077-02US)

As the undersigned inventor,) hereby declare that this Declaration under 37 CFR §1.63 is directed to the following invention:

| Title: | | |
|----------|--|-------------------|
| U.S. app | lication serial number or PCT international application number | PCT/CN2014/073788 |
| Filed on | 20 March 2014 | |

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

| WHEREAS, | BOE TECHNOLOGY GROUP CO., LTD. CHENGDU BOE OPTOELECTRONICS TECHNOLOGY CO., LTD. | |
|--------------|--|--|
| whose busine | ss address is | |
| | No. 10 Jiuxianqiao Rd., Chaoyang District, Beijing 100015, China No. 1188 Hezuo Rd., Hi-tech Development Zone, Chengdu, Sichuan 611731, China | |

hereinafter referred to as the ASSIGNEE, desires to acquire the entire right, title and interest for the United States and elsewhere throughout the world in and to said invention and application, including any and all divisions and continuations thereof, all rights of priority under the terms of the International Convention for the Protection of Industrial Property, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof.

NOW, THEREFORE, in consideration of the sum of one dollar (\$1.00) and other good and valuable consideration, the receipt, adequacy and sufficiency of which are hereby acknowledged, the undersigned hereby assigns, sells and transfers to said ASSIGNEE, its assigns and legal representatives, the entire right, title and interest for the United States and elsewhere throughout the world, in and to said invention and application, including any and all divisions and continuations thereof, all rights of priority under the terms of the International Convention for the Protection of Industrial Property, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges, and advantages in any way arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal representatives, in as ample and as beneficial a manner for all intents and purposes as the undersigned might or could have held and enjoyed the same had this assignment not been made.

The undersigned hereby agrees to execute all papers necessary to file said applications in the United States and elsewhere throughout the world, and to assign the same to said ASSIGNEE, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing any and all Letters Patent thereon. The undersigned authorizes and requests the Commissioner of Patents to issue a Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

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.

| LEGAL NAME OF INVENTOR: Wei HE | |
|--------------------------------|--|
| INVENTOR SIGNATURE: Wei HE | |
| DATE: Jan 29, 2015 | |

docket no.33680U (UP-150077-02US)

As the undersigned inventor, I hereby declare that this Declaration under 37 CFR §1.63 is directed to the following invention:

| Title: | · · · · · · · · · · · · · · · · · · · | |
|--|---------------------------------------|--|
| U.S. application serial number or PCT international application number | PCT/CN2014/073788 | |
| | | |

Filed on 20 March 2014

1941-11

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

| WHEREAS, | BOE TECHNOLOGY GROUP CO., LTD. CHENGDU BOE OPTOELECTRONICS TECHNOLOGY CO., LTD. |
|--------------|--|
| whose busine | ess address is |
| | No. 10 Jiuxiangiao Rd., Chaoyang District, Beijing 100015, China No. 1188 Hezuo Rd., Hi-tech Development Zone, Chengdu, Sichuan 611731, China |

hereinafter referred to as the ASSIGNEE, desires to acquire the entire right, title and interest for the United States and elsewhere throughout the world in and to said invention and application, including any and all divisions and continuations thereof, all rights of priority under the terms of the International Convention for the Protection of Industrial Property, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof.

NOW, THEREFORE, in consideration of the sum of one dollar (\$1.00) and other good and valuable consideration, the receipt, adequacy and sufficiency of which are hereby acknowledged, the undersigned hereby assigns, sells and transfers to said ASSIGNEE, its assigns and legal representatives, the entire right, title and interest for the United States and elsewhere throughout the world, in and to said invention and application, including any and all divisions and continuations thereof, all rights of priority under the terms of the International Convention for the Protection of Industrial Property, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges, and advantages in any way arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal representatives, in as ample and as beneficial a manner for all intents and purposes as the undersigned might or could have held and enjoyed the same had this assignment not been made.

The undersigned hereby agrees to execute all papers necessary to file said applications in the United States and elsewhere throughout the world, and to assign the same to said ASSIGNEE, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing any and all Letters Patent thereon. The undersigned authorizes and requests the Commissioner of Patents to issue a Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

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.

| LEGAL NAME OF INVENTOR: | Jing WANG |
|-------------------------|-----------|
| INVENTOR SIGNATURE: | Jing WANG |

| DATE: Jan 29, 2015 |
|--------------------|
|--------------------|

docket no.33680U (UP-150077-02US)

As the undersigned inventor, I hereby declare that this Declaration under 37 CFR §1.63 is directed to the following invention:

| Title: | | |
|--|---------------|-------------------|
| U.S. application serial number or PCT international application number | | PCT/CN2014/073788 |
| Filed on | 20 March 2014 | |

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

| WHEREAS, | BOE TECHNOLOGY GROUP CO., LTD. CHENGDU BOE OPTOELECTRONICS TECHNOLOGY CO., LTD. | |
|--------------|--|---|
| whose busine | ess address is | , |
| | No. 10 Jiuxianqiao Rd., Chaoyang District, Beijing 100015, China No. 1188 Hezuo Rd., Hi-tech Development Zone, Chengdu, Sichuan 611731, China | |

hereinafter referred to as the ASSIGNEE, desires to acquire the entire right, title and interest for the United States and elsewhere throughout the world in and to said invention and application, including any and all divisions and continuations thereof, all rights of priority under the terms of the International Convention for the Protection of Industrial Property, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof.

NOW, THEREFORE, in consideration of the sum of one dollar (\$1.00) and other good and valuable consideration, the receipt, adequacy and sufficiency of which are hereby acknowledged, the undersigned hereby assigns, sells and transfers to said ASSIGNEE, its assigns and legal representatives, the entire right, title and interest for the United States and elsewhere throughout the world, in and to said invention and application, including any and all divisions and continuations thereof, all rights of priority under the terms of the International Convention for the Protection of Industrial Property, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges, and advantages in any way arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal representatives, in as ample and as beneficial a manner for all intents and purposes as the undersigned might or could have held and enjoyed the same had this assignment not been made.

The undersigned hereby agrees to execute all papers necessary to file said applications in the United States and elsewhere throughout the world, and to assign the same to said ASSIGNEE, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing any and all Letters Patent thereon. The undersigned authorizes and requests the Commissioner of Patents to issue a Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

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.

| LEGAL NAME OF INVENTOR: Zhiyong YANG |
|--------------------------------------|
| INVENTOR SIGNATURE: Zhiyong YANG |
| DATE: Jan 29, 2015 |

RECORDED: 02/20/2015

13.77