503044564 11/03/2014 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3091163

| SUBMISSION TYPE: | | | NEW ASSIGNMENT | | | |
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| NATURE OF CONVEYANCE: | | | ASSIGNMENT | | | |
| | | | | | | |
| CONVEYING PARTY DA | AIA | | Name | | Ever | ution Date |
| YUHANG REN | INdille | | 10/30/ | | | |
| CHUNHUI YU | | | | 10/31/2014 | | |
| JIN ZHANG | | | | | 10/31/2014 | |
| KAI SHUM | | | | | 10/31/ | |
| | | | | | | 2011 |
| RECEIVING PARTY DA | ТА | | | | | |
| Name: | SUN H | ARMO | ONICS, LTD. | | | |
| Street Address: | 998 W | ENYI | ROAD | | | |
| Internal Address: | 702 BL | JILDIN | NG #5, TECHNOLOGY INCUBAT | TIC | N CENTER | |
| City: | HANGZHOU, ZHENJIANG | | | | | |
| State/Country: | CHINA | | | | | |
| Postal Code: | 311121 | | | | | |
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| PROPERTY NUMBERS | Total: 1 | | | | | |
| Property Type | | | Number | | | |
| Application Number:1453 | | | 0207 | | | |
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| Fax Number: | a cont ti | ` ' | 723-4301 e-mail address first: if that is u | ne | uccessful it will | he cent |
| | | | hat is unsuccessful, it will be se | | | be sem |
| | | | RT@LSLLP.COM | | | |
| Correspondent Name: | ANDREW F. YOUNG, ESQ. | | | | | |
| Address Line 1: | LACKENBACH SIEGEL LLP | | | | | |
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| Address Line 4: | SCARSDALE, NEW YORK 10583 | | | | | |
| ATTORNEY DOCKET NU | IMBER: | | SUNHA.P5 | | | |
| NAME OF SUBMITTER: | | | MYRON GREENSPAN | | | |
| SIGNATURE: | | | /MG/ | | | |
| DATE SIGNED: | | | 11/03/2014 | | | |
| Total Attachments: 9 | | | | | | |
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| To: Commissioner of Patents and Trademarks: Please | ecord the attached original document or copy: |
| Name of conveying party(ies): YUHANG REN CHUNHUI YU JIN ZHANG KAI SHUM | 2. Name and address of receiving party(ies): Name: SUN HARMONICS, LTD. 998 WENYI ROAD 702 BUILDING #5 TECHNOLOGY INCUBATION CENTER |
| Additional names?Yes <u>x</u> No 3. Nature of conveyance: | HANGZHOU, ZHENJIANG CHINA 311121 Additional names & addresses attached? _Yes X_No |
| <u>x</u> Assignment Merger Security Agreement Change of Name Other | |
| Execution Date: 10/31/2014 | |
| Additional numbers attached?Yes <u>X</u> No 5. Name and address of party to whom correspondence | |
| | 6. Total number of applications and patents involved: 1 |
| should be mailed: Address associated with Customer No.: 28752 | 6. Total number of applications and patents involved: 1 8. X Charge any additional fees in connection with this submission to our Deposit Account No. 10-0100 |
| should be mailed: Address associated with Customer | X Charge any additional fees in connection with this submission to our Deposit Account No. <u>10-0100</u> |
| should be mailed: Address associated with Customer No.: 28752 Name: Internal Address: | X Charge any additional fees in connection with this submission to our Deposit Account No. <u>10-0100</u> |
| should be mailed: Address associated with Customer No.: 28752 Name: Internal Address: Street Address: | X Charge any additional fees in connection with this submission to our Deposit Account No. <u>10-0100</u> |

PATENT REEL: 034087 FRAME: 0285

In consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned inventor:

| Full Name Inventor | | Jin Zhang | |
|--------------------|----------------------------------|-----------|-----------------|
| Residence | No. 598 Jingchang | Road | Citizenship: CN |
| | Hangzhou, Zhejiang, China 311121 | | |

declare that I am citizen of the country indicated above and with residence as listed above,

Hereby sell, assign and transfer to Sun Harmonics, Ltd., a Chinese corporation, hereafter called the "Assignee," having a place of business at: 998 Wenyi Road, 702 Building #5, Technology Incubation Center, Hangzhou, Zhenjiang, China 311121

To its successors, assigns and legal representatives, the entire right, title and interest for the United States and worldwide, in and to any and all improvements which are described and claimed in the

_____attached specification executed on______,

_____application Serial No.<u>14/530,207</u>, filed October 31, 2014

_____U.S. Letters Patent No. _____; issued ______,

Entitled: SYNTHESIS OF CsSnI3 BY A SOLUTION BASED METHOD

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States or worldwide on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States or worldwide on said improvements;

Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful

PATENT REEL: 034087 FRAME: 0286

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oaths, declarations, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

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

The undersigned further declare that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

DATE 19.31.2014

Jin Zhang Name: Jin Zhang

In consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned inventor:

| Full Name Inventor | | Kai Shum | |
|--------------------|--------------------|----------|------------------|
| Residence | 6467 Overlook Roa | | Citizenship: USA |
| | Orefield, PA 18069 | | |

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X application Serial No.14/530,207, filed October 31, 2014

_____U.S. Letters Patent No. _____; issued ______,

Entitled: SYNTHESIS OF CsSnI₃ BY A SOLUTION BASED METHOD

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States or worldwide on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States or worldwide on said improvements;

Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful

PATENT REEL: 034087 FRAME: 0288

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oaths, declarations, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

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

The undersigned further declare that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

DATE 1031 2014

-Name: Kai Shum

PATENT REEL: 034087 FRAME: 0289

In consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned inventor:

| Full Name Inventor | Chunhui Yu | |
|--------------------|--|-----------------|
| Residence | 998 Wenyi Road, 702 Building #5, Technology Incubation Center Hangzhou, Zhejiang, China 311121 | Citizenship: CN |

declare that I am citizen of the country indicated above and with residence as listed above,

Hereby sell, assign and transfer to Sun Harmonics, Ltd., a Chinese corporation, hereafter called the "Assignee," having a place of business at: 998 Wenyi Road, 702 Building #5, Technology Incubation Center, Hangzhou, Zhenjiang, China 311121

To its successors, assigns and legal representatives, the entire right, title and interest for the United States and worldwide, in and to any and all improvements which are described and claimed in the

_____attached specification executed on______,

x application Serial No.<u>14/530,207</u>, filed October 31, 2014,

_____U.S. Letters Patent No. _____; issued _____,

Entitled: SYNTHESIS OF CsSnI₃ BY A SOLUTION BASED METHOD

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States or worldwide on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States or worldwide on said improvements;

PATENT REEL: 034087 FRAME: 0290 Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

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

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DATE_______

Chunhui Tu

Name: Chunhui Yu

In consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned inventor:

| Full Name of Sole or First Inventor | | Yuhang Ren | |
|-------------------------------------|--------------------|------------|-----------------|
| Residence | 345 Sea Isle KY | | Citizenship: CN |
| | Secaucus, NJ 07094 | 1 | |

declare that I am citizen of the country indicated above and with residence as listed above,

Hereby sell, assign and transfer to Sun Harmonics, Ltd., a Chinese corporation, hereafter called the "Assignee," having a place of business at: 998 Wenyi Road, 702 Building #5, Technology Incubation Center, Hangzhou, Zhenjiang, China 311121

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Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful

PATENT REEL: 034087 FRAME: 0292

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oaths, declarations, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

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

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DATE OCt. 30, 2014

Name: Yuhang Ren