# TRADEMARK ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

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|---|---|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | RELEASE BY SECURED PARTY |

CONVEYING PARTY DATA

| Name | Formerly | Execution Date | Entity Type |
|---|---|---|---|
| COMERICA BANK | | 05/31/2012 | Texas banking association: TEXAS |

RECEIVING PARTY DATA

| | |
|---|---|
| Name: | SUNIVA, INC. |
| Street Address: | 5775 Peachtreet Industrial Boulevard |
| City: | Norcross |
| State/Country: | GEORGIA |
| Postal Code: | 30092 |
| Entity Type: | CORPORATION: DELAWARE |

PROPERTY NUMBERS Total: 9

| Property Type | Number | Word Mark |
|---|---|---|
| Serial Number: | 85041752 | SUNIVA |
| Serial Number: | 85027584 | THE BRILLIANCE OF SOLAR MADE SENSIBLE |
| Serial Number: | 85128307 | OPTIMUS |
| Serial Number: | 77856093 | ARTISUN OPTIMUS |
| Serial Number: | 77897955 | POWERED BY SUNIVA |
| Registration Number: | 3679110 | SUNIVA |
| Registration Number: | 3652250 | ARTISUN |
| Registration Number: | 3599460 | SUNIVA |
| Serial Number: | 85035220 | SOLARITY |

CH $240.00 85041752

CORRESPONDENCE DATA

Fax Number: 8585506420
*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.*
Phone: 858-550-6403

| | |
|---|---|
| Email: | erin.obrien@cooley.com |
| Correspondent Name: | Erin O'Brien |
| Address Line 1: | c/o Cooley LLP |
| Address Line 2: | 4401 Eastgate Mall |
| Address Line 4: | San Diego, CALIFORNIA 92121 |

| | |
|---|---|
| ATTORNEY DOCKET NUMBER: | 036703-1181 SUNIVA |
| NAME OF SUBMITTER: | Erin O'Brien |
| Signature: | /Erin O'Brien/ |
| Date: | 05/31/2012 |

Total Attachments: 10
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# RELEASE OF SECURITY INTEREST

This Release of Security Interest is made as of May 30, 2012 by COMERICA BANK ("Bank") in favor of Suniva, Inc., a Delaware Corporation, with its principal place of business at 5775 Peachtree Industrial Boulevard, Norcross, GA 30092 ("Company").

Recital

WHEREAS, COMPANY assigned certain interests in the copyrights, patents and trademarks described on Exhibits A, B and C and attached hereto, respectively (collectively, the "Intellectual Property") to BANK under an Intellectual Property Security Agreement dated as of November 10, 2010, and recorded with the US Patent and Trademark Office as set forth on Exhibits B and C.

WHEREAS, COMPANY has satisfied all its obligations to BANK in the Intellectual Property Security Agreement, and BANK wishes to release its security interest in the Intellectual Property.

Agreement

Now Therefore, BANK agrees that it terminates and releases its security interest in the Intellectual Property and reassigns to COMPANY, without warranty or recourse, all interest of BANK in the Intellectual Property.

BANK: COMERICA BANK

Jill C. Abernethy
First Level Officer
May 30, 2012

Address:
Comerica Bank
CLS Collateral Services, MC 7575
39200 Six Mile Road
Livonia, MI 48152

## EXHIBIT A

## COPYRIGHTS

| Description | Registration Number | Registration Date |
|---|---|---|
| NONE | | |

EXHIBIT B

PATENTS

| Assignee Name | Title | Patent/Application No. |
|---|---|---|
| Suniva | STRUCTURE AND FABRICATION PROCESS FOR AN ALUMINUM ALLOY JUNCTION SELF-ALIGNED BACK CONTACT SILICON SOLAR CELL | 5641362 |
| Suniva | METHOD FOR REMOVING COMPLEX OXIDE FILM, GROWTH ON SILICON CRYSTAL | 5913980 |
| Suniva | STRUCTURE AND FABRICATION PROCESS FOR SELF-ALIGNED LOCALLY DEEP –DIFFUSED EMITTER (SALDE) SOLAR CELL | 5928438 |
| Suniva | METHOD AND APPARATUS FOR SELF-DOPING NEGATIVE AND POSITIVE ELECTRODES FOR SILICON SOLAR CELLS AND OTHER DEVICES | 6180869 |
| Suniva | ALUMINUM ALLOY BACK JUNCTION SOLAR CELL AND A PROCESS FOR FABRICATION THEREOF | 6262359 |
| Suniva | METHOD FOR SELF-DOPING CONTACTS TO A SEMICONDUCTOR | 6632730 |
| Suniva | APPARATU FOR SELF-DOPING CONTACT TO A SEMICONDUCTOR | 6664631 |
| Suniva | METHOD AND APPARATUS FOR SELF-DOPING CONTACTS TO A SEMICONDUCTOR | 6703295 |
| Suniva | METHOD AND APPARATUS FOR SELF-DOPING CONTACTS TO A SEMICONDUCTOR | 6737340 |
| Suniva, Inc. | SOLAR CELL HAVING CRYSTALLINE SILICON P-N HOMOJUNCTION AND AMORPHOUS SILICON HETEROJUNCTIONS FOR SURFACE PASSIVATION | 12036766 Publication #20090211627 Published 8/27/2009 |
| Suniva, Inc. | METHOD FOR MAKING SOLAR CELL HAVING CRYSTALLINE | 12036829 Publication |

EXHIBIT B CONTINUED

PATENTS

| | | |
|---|---|---|
| | SILICON P-N HOMOJUNCTION AND AMORPHOUS SILICON HETEROJUNCTIONS FOR SURFACE PASSIVATION | #20090215218 Published 8/27/2009 |
| Suniva, Inc. | SOLAR MODULE WITH SOLAR CELL HAVING CRYSTALLINE SILICON P-N HOMOJUNCTION AND AMORPHOUS SILICON HETEROJUNCTIONS FOR SURFACE PASSIVATION | 12036839 Publication #20090211623 Published 8/27/2009 |

Bank's security interest recorded at the US Patent and Trademark Office on 11/19/2010 at Reel and Frame Number 0254/0616.

Exhibit B Patents continued

| Ebara-Originated Applications and Patents | | | | | | |
|---|---|---|---|---|---|---|
| A+B Ref | Title | Country | Application Number | Appl'n Date | Patent Number | Status |
| | | | | | | |
| 370557 | Structure And Fabrication Process For An Aluminum Alloy Junction Self-Aligned Back Contact Silicon Solar Cell | USA | 08/561,761 | 11/22/95 | 5641362 | Patent granted June 24, 1997 |
| 371065 | Structure And Fabrication Process For An Aluminum Alloy Junction Self-Aligned Back Contact Silicon Solar Cell | Australia | 199670630 | 11/06/96 | 717476 | Patent granted July, 13, 2000 |
| 371066 | Structure And Fabrication Process For An Aluminum Alloy Junction Self-Aligned Back Contact Silicon Solar Cell | Canada | 2181281 | 07/16/96 | 2181281 | Patent granted May 10, 2005 |
| 371067 | Sturcture And Fabrication Process For Aluminum Alloy Junction Self-Aligned Back Contact Silicon Solar Cell | China | CN1998114483 | 11/15/96 | 1155106 | Patent granted June 23, 2004 |
| 371068 | Structure And Fabrication Process For An Aluminum Alloy Self-Aligned Back Contact Silicon Solar Cell | Germany | 96305261.8 | 07/17/96 | 0776051 | Patent granted March 10, 2004 |
| 371069 | A Back Contact Solar Cell And A Method Of Manufacturing The Same | India | 1317/MAS/1996 | 07/25/96 | 207254 | Patent granted June 1, 2007 |
| 371070 | Structure And Fabrication Process For An Aluminum Alloy Junction Self-Aligned Back Contact Silicon Solar Cell | Mexico | 19960003156 | 08/01/96 | 197384 | Patent granted July 5, 2000 |
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| | | | | | | |
| 370552 | Method For Removing Complex Oxide Film Growth On Silicon Crystal | USA | 08/831,606 | 04/10/97 | 5913980 | Abandoned |
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| 371061 | Structure And Fabrication Process For Self-Aligned Locally Deep-Diffused Emitter (SALDE) Solar Cell | USA | 08/726,279 | 10/04/96 | 5928438 | Patent granted July 27, 1999 |
| 371071 | Self-Aligned Locally Deep-Diffused Emitter Solar Cell | Australia | 199672039 | 10/01/96 | 701213 | Patent granted May 6, 1999 |
| 371072 | Self-Aligned Locally Deep-Diffused Emitter Solar Cell | Brazil | BR19960010739 | 10/01/96 | PI9610739-1 | Patent granted April 30, 2002 |
| 371073 | Structure And Fabrication Process For Self-Aligned Locally Deep-Diffused Emitter (SALDE) Solar Cell | Canada | 2232857 | 10/01/96 | 2232857 | Patent granted May 13, 2003 |
| 371074 | Self-Aligned Locally Deep-Diffused Emitter Solar Cell And Producing Method Thereof | China | ZL19961097446 | 10/01/96 | 1155107 | Patent granted June 23, 2004 |
| 371080 | A Solar Cell And A Method Of Fabricating The Same | India | 1764/MAS/1996 | 10/07/96 | 196901 | Patent granted February 21, 2006 |
| 371079 | Self-Aligned Locally Deep-Diffused Emitter | Mexico | 19982174 | 10/01/96 | 204413 | Patent granted September 26, 2001 |
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|---|---|---|---|---|---|---|
| 371088 | Method And Apparatus For Self-Doping Negative And Positive Electrodes For Silicon Solar Cells And Other Devices | USA | 09/072,411 | 05/04/98 | 6180869 | Patent granted January 30, 2001 |
| 371082 | Method And Appratus For Self-Doping Negative And Positive Electrodes For Silicon Solar Cells And Other Devices | Australia | 200218038 | 05/05/98 | 786063 | Patent granted January 22, 2004 |
| 371084 | Method And Apparatus For Self-Doping Negative And Positive Electrodes For Silicon Solar Cells And Other Devices | Brazil | PI19980009237 | 05/05/98 | | Abandoned |
| 371085 | Method And Apparatus For Self-Doping Negative And Positive Electrodes For Silicon Solar Cells And Other Devices | Canada | 2287834 | 05/05/98 | 2287834 | Patent granted July 5, 2005 |
| 371090 | Method And Apparatus For Self-Doping Negative And Positive Electrodes For Silicon Solar Cells And Other Device | China | CN19988005800 | 05/05/98 | 1230920 | Patent granted December 7, 2005 |
| 371086 | Method And Apparatus For Self-Doping Negative And Positive Electrodes For Silicon Solar Cells And Other Devices | EPC | 98920273.4 | 05/05/98 | | Abandoned |
| 371087 | A Method Of Manufacturing A Solar Cell And A Solar Cell | India | 964/MAS/1998 | 05/04/98 | 208319 | Patent granted July 20, 2007 |
| 371089 | Method And Apparatus For Self-Doping Negative And Positive Electrodes For Silicon Solar Cells And Other Devices | Mexico | 199910119 | 05/05/98 | 239564 | Patent granted August 16, 2006 |
| | | | | | | |
| | **Original PhosTop** | | | | | |
| 371093 | Aluminum Alloy Back Junction Solar Cell And A Process For Fabrication Thereof | USA | 09/414,990 | 10/07/99 | 6262359 | Patent granted July 17, 2001 |
| 371092 | Aluminum Alloy Back Junction Solar Cell And A Process For Fabrication Thereof | Australia | 200047955 | 02/01/00 | 772413 | Patent granted August 12, 2004 |
| 371094 | Aluminum Alloy Back Junction Solar Cell And A Process For Fabrication Thereof | Brazil | PI20000009085 | 02/01/00 | | Pending |
| 371096 | Aluminum Alloy Back Junction Solar Cell And A Process For Fabrication Thereof | Canada | 2368039 | 02/01/00 | 2368039 | Patent granted May 2, 2006 |
| 371099 | Aluminum Alloy Back Junction Solar Cell And A Process For Fabrication Thereof | China | CN20008006889 | 02/01/00 | 1179421 | Patent granted December 8, 2004 |
| 371100 | A Solar Cell And A Process For Fabricating A Solar Cell | India | IN/PCT/2001/1287/CHE | 02/01/00 | 221312 | Patent granted June 20, 2008 |
| 371101 | Aluminum Alloy Back Junction Solar Cell And A Process For Fabrication Thereof | Mexico | 20019280 | 02/01/00 | 234987 | Patent granted March 17, 2006 |
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|---|---|---|---|---|---|---|
| 371105 | Method For Self-Doping Contacts To A Semiconductor. | USA | 09/538,034 | 03/29/00 | 6632730 | Patent granted October 14, 2003 |
| 371102 | Method And Apparatus For Self-Doping Contacts To A Semiconductor | Australia | 200117983 | 11/22/00 | 780960 | Patent granted August 11, 2005 |
| 371103 | Method And Apparatus For Self-Doping Contacts To A Semiconductor | Brazil | BR20000015803 | 11/22/00 | | Abandoned |
| 371107 | Method And Apparatus For Self-Doping Contacts To A Semiconductor | Canada | 2392342 | 11/22/00 | 2392342 | Patent granted June 7, 2001 |
| 371108 | Method And Apparatus For Self-Doping Contacts To A Semiconductor | China | CN20008017914 | 11/22/00 | 1260830 | Patent granted June 21, 2006 |
| 371109 | Method And Apparatus For Self-Doping Contacts To A Semiconductor | EPC | 980763.7 | 11/22/00 | | Abandoned |
| 371111 | A Method Of Manufacturing A Semiconductor Device | India | IN/PCT/2002/763/CHE | 11/22/00 | 202446 | Patent granted October 3, 2006 |
| 371113 | Method And Apparatus For Self-Doping Contacts To A Semiconductor | USA | 10/176,451 | 06/19/02 | 6737340 | Patent granted May 18, 2004 |
| 371106 | Apparatus For Self-Doping Contacts To A Semiconductor | USA | 10/177,880 | 06/20/02 | 6664631 | Patent granted December 16, 2003 |
| 371110 | Method And Apparatus For Self-Doping Contacts To A Semiconductor | USA | 10/405,298 | 04/01/03 | 6703295 | Patent granted March 9, 2004 |

## Suniva-Originated Applications and Patents

| A+B Ref | Title | Country | Application Number | Appl'n Date | Patent Number | Status |
|---|---|---|---|---|---|---|
| | **Alpha-STAR** | | | | | |
| 338576 | Solar Cell Having Crystalline Silicon P-N Homojunction And Amorphous Silicon Heterojunctions For Surface Passivation | USA | 12/036,766 | 02/25/08 | | Application submitted and in patent office review |
| 344794 | Solar Cell Having Crystalline Silicon P-N Homojunction And Amorphous Silicon Heterojunctions For Surface Passivation | PCT | PCT/US2008/007356 | 06/11/08 | | National phase applications filed August 2010 |
| 344796 | Solar Cell Having Crystalline Silicon P-N Homojunction And Amorphous Silicon Heterojunctions For Surface Passivation | Taiwan | 97124397 | 06/11/08 | | Published September 1, 2009; first Office Action not yet received |
| 371829 | Solar Cell Having Crystalline Silicon P-N Homojunction And Amorphous Silicon Heterojunctions For Surface Passivation | Europe | 8779636.3 | 06/11/08 | | Application filed June 11, 2008 |
| 380480 | Solar Cell Having Crystalline Silicon P-N Homojunction And Amorphous Silicon Heterojunctions For Surface Passivation | Europe | 8175495.2 | 06/11/08 | | Application filed June 11, 2008 |
| 371831 | Solar Cell Having Crystalline Silicon P-N Homojunction And Amorphous Silicon Heterojunctions For Surface Passivation | Japan | N/A | 06/11/08 | | Application filed June 11, 2008 |
| 394786 | Solar Cell Having Crystalline Silicon P-N Homojunction And Amorphous Silicon Heterojunctions For Surface Passivation | Brazil | N/A | 08/20/10 | | Application filed August 20, 2010 |
| 394787 | Solar Cell Having Crystalline Silicon P-N Homojunction And Amorphous Silicon Heterojunctions For Surface Passivation | Canada | N/A | 08/25/10 | | Application filed August 25, 2010 |
| 394788 | Solar Cell Having Crystalline Silicon P-N Homojunction And Amorphous Silicon Heterojunctions For Surface Passivation | China | N/A | 08/20/10 | | Application filed August 20, 2010 |
| 394819 | Solar Cell Having Crystalline Silicon P-N Homojunction And Amorphous Silicon Heterojunctions For Surface Passivation | Mexico | MX/A/2010/009367 | 08/25/10 | | Application filed August 25, 2010 |
| 394860 | Solar Cell Having Crystalline Silicon P-N Homojunction And Amorphous Silicon Heterojunctions For Surface Passivation | India | N/A | 08/26/10 | | Application filed August 26, 2010 |
| | **Alpha-STAR** | | | | | |
| 338564 | Method For Making Solar Cell Having Crystalline Silicon P-N Homojunction And Amorphous Silicon Heterojunctions For Surface Passivation | USA | 12/036,829 | 02/25/08 | | Published August 27, 2009; first Office Action not yet received |
| 344795 | Method For Making Solar Cell Having Crystalline Silicon P-N Homojunction And Amorphous Silicon Heterojunctions For Surface Passivation | PCT | PCT/US2008/007355 | 06/11/08 | | National phase applications filed August 2010 |
| 345279 | Method For Making Solar Cells Having Crystalline Silicon P-N Homojunction And Amorphous Silicon Heterojunctions For Surface Passivation In A Furnace Having Doped Sources | PCT | PCT/US2008/007358 | 06/11/08 | | National phase applications filed August 2010 |
| 344797 | Method For Making Solar Cell Having Crystalline Silicon P-N Homojunction And Amorphous Silicon Heterojunctions For Surface Passivation | Taiwan | 97124389 | 06/11/08 | | Published September 1, 2009; first Office Action not yet received |
| 345280 | Method For Making Solar Cells Having Crystalline Silicon P-N Homojunction And Amorphous Silicon Heterojunctions For Surface Passivation In A Furnace Having Doped Sources | Taiwan | 97124422 | 06/11/08 | | Published September 1, 2009; first Office Action not yet received |
| 394881 | Method For Making Solar Cells Having Crystalline Silicon P-N Homojunction And Amorphous Silicon Heterojunctions For Surface Passivation In A Furnace Having Doped Sources | India | 6228/DELNP/2010 | 08/27/10 | | Application filed August 27, 2010 |
| 394882 | Method For Making Solar Cells Having Crystalline Silicon P-N Homojunction And Amorphous Silicon Heterojunctions For Surface Passivation In A Furnace Having Doped Sources | EP | N/A | 08/26/10 | | Application filed August 26, 2010 |
| | **Alpha-STAR** | | | | | |

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|---|---|---|---|---|---|---|
| 341210 | Solar Module With Solar Cell Having Crystalline Silicon P-N Homojunction And Amorphous Silicon Heterojunctions For Surface Passivation | USA | 12/036,839 | 02/25/08 | | Application submitted and under patent office review |
| 344811 | Solar Module With Solar Cell Having Crystalline Silicon P-N Homojunction And Amorphous Silicon Heterojunctions For Surface Passivation | PCT | PCT/US2008/007353 | 06/11/08 | | National phase applications filed August 2010 |
| 344812 | Solar Module With Solar Cell Having Crystalline Silicon P-N Homojunction And Amorphous Silicon Heterojunctions For Surface Passivation | Taiwan | 97124421 | | | Published September 1, 2009; first Office Action not yet received |
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| | **Inventor Dicsclosure 09-04** | | | | | |
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| 371915 | Solar Cells And Methods Of Fabrication Thereof | USA | 12/701,808 | 02/08/10 | | Application filed February 8, 2010; Foreign filing due in <6 months. |
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| | **Inventor Disclosure 09-08** | | | | | |
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| 371920 | Solar Cell Including Sputtered Reflective Layer And Method Of Manufacture Thereof | USA | 12/684,682 | 01/08/10 | | Application filed January 8, 2010; Foreign filing due in <6 months. |
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| | **Inventor Disclosure 09-11** | | | | | |
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| 383240 | Selective Emitter Solar Cells Formed By A Hybrid Diffusion And Ion Implantation Process | USA | 12/793,334 | 06/03/10 | | Application filed June 3, 2010 |
| | | | | | | |
| | **Inventor Disclosure 09-10** | | | | | |
| | | | | | | |
| 383245 | Selective Front Surface Field Back Junction Solar Cell | USA | | | | Application filed August 25, 2010 |
| | | | | | | |
| | **Inventor Disclosure 09-09** | | | | | |
| | | | | | | |
| 383246 | Ion Implanted Selective Emitter Solar Cells With In SITU Surface Passivation | USA | 12/793,363 | 06/03/10 | | Application filed June 3, 2010 |
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## EXHIBIT C

### TRADEMARKS

| Registrant | Trademark | Serial/Reg. No. |
|---|---|---|
| Suniva, Inc. | SUNIVA | 85041752 |
| Suniva, Inc. | THE BRILLIANCE OF SOLAR MADE SENSIBLE | 85027584 |
| Suniva, Inc. | OPTIMUS | 85128307 |
| Suniva, Inc. | ARTISUN OPTIMUS | 77856093 |
| Suniva, Inc. | POWERED BY SUNIVA | 77897955 |
| Suniva, Inc. | SUNIVA | 3679110 |
| Suniva, Inc. | ARTISUN | 3652250 |
| Suniva, Inc. | SUNIVA | 3599460 |
| Solarity, Inc. | SOLARITY | 85035220 |

Bank's security interest recorded at the US Patent and Trademark Office on 11/19/2010 at Reel and Frame Number 4418/0980.