

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST IN INTELLECTUAL PROPERTY COLLATERAL AT REEL/FRAME NO. 32148/0851	
CONVEYING PARTY DATA		
Name		Execution Date
BRIDGE BANK, NATIONAL ASSOCIATION		08/29/2014
RECEIVING PARTY DATA		
Name:	SORAA, INC.	
Street Address:	6500 KAISER DRIVE	
City:	FREMONT	
State/Country:	CALIFORNIA	
Postal Code:	94555	
PROPERTY NUMBERS Total: 86		
Property Type	Number	
Application Number:	13025833	
Application Number:	13025849	
Application Number:	13281221	
Application Number:	13298617	
Application Number:	13482956	
Application Number:	29423725	
Application Number:	13623788	
Application Number:	12133364	
Application Number:	12478736	
Application Number:	12497289	
Application Number:	12534849	
Application Number:	12534843	
Application Number:	12534857	
Application Number:	12546458	
Application Number:	12556562	
Application Number:	12556558	
Application Number:	12569844	
Application Number:	12569337	
Application Number:	12634665	
Application Number:	12720593	

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Property Type	Number
Application Number:	12749476
Application Number:	12754886
Application Number:	12785404
Application Number:	12858379
Application Number:	12879784
Application Number:	12880803
Application Number:	12936238
Application Number:	12891668
Application Number:	12914789
Application Number:	13025791
Application Number:	13025860
Application Number:	13163498
Application Number:	13163482
Application Number:	13175739
Application Number:	13184160
Application Number:	29399524
Application Number:	29399523
Application Number:	13226249
Application Number:	13298905
Application Number:	13346507
Application Number:	13419325
Application Number:	13425304
Application Number:	13548635
Application Number:	13548770
Application Number:	13548931
Application Number:	13600988
Application Number:	12133365
Application Number:	12334418
Application Number:	12482440
Application Number:	12484095
Application Number:	12484924
Application Number:	12491176
Application Number:	12497969
Application Number:	12534848
Application Number:	12534844
Application Number:	12569841
Application Number:	12697171
Application Number:	12859153
Application Number:	12887207

PATENT

REEL. 033664 FRAME. 0561

Property Type	Number
Application Number:	12988772
Application Number:	12995946
Application Number:	13012674
Application Number:	13013697
Application Number:	13014622
Application Number:	13019897
Application Number:	13019521
Application Number:	13041199
Application Number:	13160307
Application Number:	13135087
Application Number:	13179346
Application Number:	13211145
Application Number:	13269193
Application Number:	13272981
Application Number:	13304182
Application Number:	13343563
Application Number:	13357578
Application Number:	13359846
Application Number:	13431834
Application Number:	13480767
Application Number:	13553691
Application Number:	13731453
Application Number:	13787582
Application Number:	13894220
Application Number:	13931359
Application Number:	13886547
Application Number:	14014112

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	RHONDA DELEON
SIGNATURE:	/Rhonda DeLeon/

PATENT

REEL: 033664 FRAME: 0562

DATE SIGNED:	08/29/2014
Total Attachments: 9 source=Soraa - Bridge Bank Release of Security Interest (Executed)#page1.tif source=Soraa - Bridge Bank Release of Security Interest (Executed)#page2.tif source=Soraa - Bridge Bank Release of Security Interest (Executed)#page3.tif source=Soraa - Bridge Bank Release of Security Interest (Executed)#page4.tif source=Soraa - Bridge Bank Release of Security Interest (Executed)#page5.tif source=Soraa - Bridge Bank Release of Security Interest (Executed)#page6.tif source=Soraa - Bridge Bank Release of Security Interest (Executed)#page7.tif source=Soraa - Bridge Bank Release of Security Interest (Executed)#page8.tif source=Soraa - Bridge Bank Release of Security Interest (Executed)#page9.tif	

**RELEASE OF SECURITY INTEREST IN
INTELLECTUAL PROPERTY COLLATERAL**

This RELEASE, dated as of August 29 , 2014, is made by BRIDGE BANK, NATIONAL ASSOCIATION, as Lender (the "Lender") pursuant to the Loan and Security Agreement, dated as of February 20, 2013, as amended by that certain Loan and Security Modification Agreement, dated as of March 18, 2013, that certain Second Loan and Security Modification Agreement, dated as of October 25, 2013 and that certain Third Loan and Security Modification Agreement, dated as of January, 31, 2014 (collectively, as may be further amended, revised, modified or supplemented from time to time, the "Loan Agreement") by and between Soraa, Inc., a Delaware corporation (the "Grantor") and the Lender. Capitalized terms not otherwise defined herein have the meaning assigned to them in the Loan Agreement.

W I T N E S S E T H

WHEREAS, pursuant to the Loan Agreement, the Grantor executed the Intellectual Property Security Agreement, dated January 31, 2014 and recorded with the U.S. Patent and Trademark Office ("USPTO") on January 31, 2014 at Reel/Frame Nos. 5205/0906 and 32148/0851 (the "Intellectual Property Security Agreement"), pursuant to which the Grantor granted to the Lender a security interest in all right, title, and interest of Grantor in the Intellectual Property Collateral (as defined in the Intellectual Property Security Agreement);

WHEREAS, pursuant to the Loan Agreement, the Grantor has requested that the Lender release its security interest in all of the Intellectual Property Collateral.

NOW, THEREFORE, the Lender hereby TERMINATES the Intellectual Property Security Agreement, and RELEASES its security interest in all of the Intellectual Property Collateral, including the trademark registrations and applications and patents and patent applications set forth in Schedule I, attached hereto and incorporated herein by reference.

[SIGNATURE PAGE FOLLOWS]

IN WITNESS WHEREOF, the Lender has caused this Release to be duly executed and delivered by its duly authorized officer as of the date first written above.

BRIDGE BANK, NATIONAL ASSOCIATION,
as Lender

By:



Name:

Michael Lederman

Title:

SVP

SCHEDULE I
to
RELEASE OF SECURITY INTEREST IN INTELLECTUAL PROPERTY COLLATERAL

COPYRIGHT REGISTRATIONS AND APPLICATIONS

None.

TRADEMARK REGISTRATIONS AND APPLICATIONS

Security Interest at Reel/Frame No. 5205/0906

Mark / Title:	U.S. Serial Number:	U.S. Registration Number:	USPTO Reference Number:	Filing Date:
SORAA	77982688	4150651	91756-824880	10/5/2009
SORAA	86058247		91756-887955	9/6/2013
SIMPLY PERFECT LIGHT	85870246	4431751		3/7/2013
SIMPLY PERFECT	8549244			12/14/2011
SORAA and Design (purple)	85594716	4385048		4/11/2012
SORAA SNAP SYSTEM	85895887			4/4/2013
SORAA GAN ON GAN	85593900	4336144		4/10/2012

PATENTS AND PATENT APPLICATIONS

Security Interest at Reel/Frame No. 32148/0851

Title:	Patent Number:	Application Serial Number:	Issued or Published?	Issue Date:
ILLUMINATION SOURCE WITH REDUCED INNER CORE SIZE	US-2011-0198979-A1	13/025,833	Published	
ILLUMINATION SOURCE AND MANUFACTURING METHODS	US-2011-0204779-A1	13/025,849	Published	
GALLIUM AND NITROGEN CONTAINING TRILATERAL CONFIGURATION FOR OPTICAL DEVICES	US-2012-0199841-A1	13/281,221	Published	
METHOD AND SYSTEM FOR DICING SUBSTRATES CONTAINING GALLIUM AND NITROGEN MATERIAL	8,597,967	13/298,617	Issued	12/3/13
SYSTEM AND METHOD FOR LED PACKAGING	US-2012-0235201-A1	13/482,956	Published	
HEATSINK	D664,722	29/423,725	Issued	12/3/13
POLARIZED WHITE LIGHT DEVICES USING NON-POLAR OR SEMIPOLAR GALLIUM CONTAINING MATERIALS AND TRANSPARENT PHOSPHORS	US-2013-0270516-A1	13/623,788	Published	
HIGH PRESSURE APPARATUS AND METHOD FOR NITRIDE CRYSTAL GROWTH	8,097,081	12/133,364	Issued	1/17/12
HIGH PRESSURE APPARATUS AND METHOD FOR NITRIDE CRYSTAL GROWTH	8,303,710	12/478,736	Issued	11/6/12
METHOD AND SURFACE MORPHOLOGY OF NON-POLAR GALLIUM NITRIDE CONTAINING SUBSTRATES	8,247,887	12/497,289	Issued	8/21/12
PROCESS AND APPARATUS FOR GROWING A CRYSTALLINE GALLIUM-CONTAINING NITRIDE USING AN AZIDE MINERALIZER	8,323,403	12/534,849	Issued	12/4/12
APPARATUS AND METHOD FOR SEED CRYSTAL UTILIZATION IN LARGE-SCALE MANUFACTURING OF GALLIUM NITRIDE	8,430,958	12/534,843	Issued	4/30/13
PROCESS AND APPARATUS FOR LARGE-SCALE MANUFACTURING OF BULK MONOCRYSTALLINE GALLIUM-CONTAINING NITRIDE	8,021,481	12/534,857	Issued	9/20/11

Title:	Patent Number:	Application Serial Number:	Issued or Published?	Issue Date:
NITRIDE CRYSTAL WITH REMOVABLE SURFACE LAYER AND METHODS OF MANUFACTURE	8,148,801	12/546,458	Issued	4/3/12
LARGE-AREA BULK GALLIUM NITRIDE WAFER AND METHOD OF MANUFACTURE	8,048,225	12/556,562	Issued	11/1/11
LARGE-AREA SEED FOR AMMONOTHERMAL GROWTH OF BULK GALLIUM NITRIDE AND METHOD OF MANUFACTURE	7,976,630	12/556,558	Issued	7/12/11
PHOTONIC-CRYSTAL LIGHT EMITTING DIODE AND METHOD OF MANUFACTURE	8,455,894	12/569,844	Issued	6/4/13
MICROCAVITY LIGHT EMITTING DIODE METHOD OF MANUFACTURE	8,354,679	12/569,337	Issued	1/15/13
POLYCRYSTALLINE GROUP III METAL NITRIDE WITH GETTER AND METHOD OF MAKING	8,461,071	12/634,665	Issued	6/11/13
POLARIZATION DIRECTION OF OPTICAL DEVICES USING SELECTED SPATIAL CONFIGURATIONS	8,247,886	12/720,593	Issued	8/21/12
METHOD AND STRUCTURE FOR MANUFACTURE OF LIGHT EMITTING DIODE DEVICES USING BULK GAN	8,252,662	12/749,476	Issued	8/28/12
POLARIZED WHITE LIGHT DEVICES USING NON-POLAR OR SEMIPOLAR GALLIUM CONTAINING MATERIALS AND TRANSPARENT PHOSPHORS	8,299,473	12/754,886	Issued	10/30/12
HIGH INDIUM CONTAINING INGAN SUBSTRATES FOR LONG WAVELENGTH OPTICAL DEVICES	8,306,081	12/785,404	Issued	11/6/12
BACK-END PROCESSES FOR SUBSTRATES RE-USE	8,153,473	12/858,379	Issued	4/10/12
SYSTEM AND METHOD FOR LED PACKAGING	8,207,554	12/879,784	Issued	6/26/12
MULTI COLOR ACTIVE REGIONS FOR WHITE LIGHT EMITTING DIODE	8,314,429	12/880,803	Issued	11/20/12
POWER LIGHT EMITTING DIODE AND METHOD WITH CURRENT DENSITY OPERATION	8,502,465	12/936,238	Issued	8/6/13
HIGH PRESSURE APPARATUS WITH STACKABLE RINGS	8,435,347	12/891,668	Issued	5/7/13
OPTICAL DEVICE WITH WAVELENGTH SELECTIVE REFLECTOR	8,269,245	12/914,789	Issued	9/18/12
ILLUMINATION SOURCE WITH DIRECT DIE PLACEMENT	8,525,396	13/025,791	Issued	9/3/13
MODULAR LED LAMP AND MANUFACTURING METHODS	8,324,833	13/025,860	Issued	12/4/12

Title:	Patent Number:	Application Serial Number:	Issued or Published?	Issue Date:
SINGULATION METHOD AND RESULTING DEVICE OF THICK GALLIUM AND NITROGEN CONTAINING SUBSTRATES	8,313,964	13/163,498	Issued	11/20/12
GALLIUM AND NITROGEN CONTAINING TRIANGULAR OR DIAMOND-SHAPED CONFIGURATION FOR OPTICAL DEVICES	8,293,551	13/163,482	Issued	10/23/12
AMMONOTHERMAL METHOD FOR GROWTH OF BULK GALLIUM NITRIDE	8,465,588	13/175,739	Issued	6/18/13
TECHNIQUES OF FORMING OHMIC CONTACTS ON GAN LIGHT EMITTING DIODES	8,148,180	13/184,160	Issued	4/3/12
HEATSINK FOR LED	D662,900	29/399,524	Issued	7/3/12
HEATSINK	D662,899	29/399,523	Issued	7/3/12
PROCESS AND APPARATUS FOR LARGE-SCALE MANUFACTURING OF BULK MONOCRYSTALLINE GALLIUM-CONTAINING NITRIDE	8,444,765	13/226,249	Issued	5/21/13
HIGH TEMPERATURE LED SYSTEM USING AN AC POWER SOURCE	8,541,951	13/298,905	Issued	9/24/13
METHOD FOR GROWTH OF INDIUM-CONTAINING NITRIDE FILMS	8,482,104	13/346,507	Issued	7/9/13
TECHNIQUES OF FORMING OHMIC CONTACTS ON GAN LIGHT EMITTING DIODES	8,389,303	13/419,325	Issued	3/5/13
NITRIDE CRYSTAL WITH REMOVABLE SURFACE LAYER AND METHODS OF MANUFACTURE	8,329,511	13/425,304	Issued	12/11/12
METHOD AND SURFACE MORPHOLOGY OF NON-POLAR GALLIUM NITRIDE CONTAINING SUBSTRATES	8,575,728	13/548,635	Issued	11/5/13
METHOD AND SURFACE MORPHOLOGY OF NON-POLAR GALLIUM NITRIDE CONTAINING SUBSTRATES	8,524,578	13/548,770	Issued	9/3/13
LARGE AREA NONPOLAR OR SEMIPOLAR GALLIUM AND NITROGEN CONTAINING SUBSTRATE AND RESULTING DEVICES	8,492,185	13/548,931	Issued	7/23/13
OPTICAL DEVICES HAVING REFLECTION MODE WAVELENGTH MATERIAL	8,575,642	13/600,988	Issued	11/5/13
CAPSULE FOR HIGH PRESSURE PROCESSING AND METHOD OF USE FOR SUPERCRITICAL FLUIDS	US 2009-0301388 A1	12/133,365	Published	

Title:	Patent Number:	Application Serial Number:	Issued or Published?	Issue Date:
HIGH PRESSURE APPARATUS AND METHOD FOR NITRIDE CRYSTAL GROWTH	US 2010-0147210 A1	12/334,418	Published	
SELECTIVE AREA EPITAXY GROWTH METHOD AND STRUCTURE	US 2009-0309127 A1	12/482,440	Published	
HEATER DEVICE AND METHOD FOR HIGH PRESSURE PROCESSING OF CRYSTALLINE MATERIALS	US 2009-0320745 A1	12/484,095	Published	
SELECTIVE AREA EPITAXY GROWTH METHOD AND STRUCTURE FOR MULTI-COLORED DEVICES	US 2009-0309110 A1	12/484,924	Published	
COPACKING CONFIGURATIONS FOR NONPOLAR GAN AND/OR SEMIPOLAR GAN LEDS	US-2010-0001300-A1	12/491,176	Published	
HIGH QUALITY LARGE AREA BULK NON-POLAR OR SEMIPOLAR GALLIUM BASED SUBSTRATES AND METHODS	US-2010-0003492-A1	12/497,969	Published	
BASKET PROCESS AND APPARATUS FOR CRYSTALLINE GALLIUM-CONTAINING NITRIDE	US 2010-0031873 A1	12/534,848	Published	
PROCESS FOR LARGE-SCALE AMMONOTHERMAL MANUFACTURING OF GALLIUM NITRIDE BOULES	US 2010-0031875 A1	12/534,844	Published	
TEXTURED-SURFACE LIGHT EMITTING DIODE AND METHOD-OF MANUFACTURE	US 2010-0295088 A1	12/569,841	Published	
PLANT AND METHOD FOR LARGE-SCALE AMMONOTHERMAL MANUFACTURING OF GALLIUM NITRIDE BOULES	US-2011-0100291-A1	12/697,171	Published	
RAPID GROWTH METHOD AND STRUCTURES FOR GALLIUM AND NITROGEN CONTAINING ULTRA-THIN EPITAXIAL STRUCTURES FOR DEVICES	US-2011-0056429-A1	12/839,153	Published	
REFLECTION MODE WAVELENGTH CONVERSION MATERIAL FOR OPTICAL DEVICES USING NON-POLAR OR SEMIPOLAR GALLIUM CONTAINING MATERIALS	US-2011-0186887-A1	12/887,207	Published	
METHOD FOR SYNTHESIS OF HIGH QUALITY LARGE AREA BULK GALLIUM BASED CRYSTALS	US-2011-0256693-A1	12/988,772	Published	
HIGHLY POLARIZED WHITE LIGHT SOURCE BY COMBINING BLUE LED ON SEMIPOLAR OR NONPOLAR GAN WITH YELLOW LED ON SEMIPOLAR OR NONPOLAR GAN	US-2011-0180781-A1	12/995,946	Published	

Title:	Patent Number:	Application Serial Number:	Issued or Published?	Issue Date:
GALLIUM-NITRIDE-ON-HANDLE SUBSTRATE MATERIALS AND DEVICES AND METHOD OF MANUFACTURE	US-2012-0187412-A1	13/012,674	Published	
HIGH PRESSURE APPARATUS AND METHOD FOR NITRIDE CRYSTAL GROWTH	US-2011-0183498-A1	13/013,697	Published	
QUANTUM DOT WAVELENGTH CONVERSION FOR OPTICAL DEVICES USING NONPOLAR OR SEMIPOLAR GALLIUM CONTAINING MATERIALS	US-2011-0182056-A1	13/014,622	Published	
WHITE LIGHT APPARATUS AND METHOD	US-2011-0186874-A1	13/019,897	Published	
REFLECTION MODE PACKAGE FOR OPTICAL DEVICES USING GALLIUM AND NITROGEN CONTAINING MATERIALS	US-2011-0215348-A1	13/019,521	Published	
SEMI-INSULATING GROUP III METAL NITRIDE AND METHOD OF MANUFACTURE	US-2011-0220912-A1	13/041,199	Published	
LARGE AREA NITRIDE CRYSTAL AND METHOD FOR MAKING IT	US-2012-0000415-A1	13/160,307	Published	
QUANTUM DOT WAVELENGTH CONVERSION FOR HERMETICALLY SEALED OPTICAL DEVICES	US-2011-0317397-A1	13/135,087	Published	
HIGH VOLTAGE DEVICE AND METHOD FOR OPTICAL DEVICES	US-2012-0007102-A1	13/179,346	Published	
SYSTEM AND METHOD FOR SELECTED PUMP LEDs WITH MULTIPLE PHOSPHORS	US-2012-0043552-A1	13/211,145	Published	
HIGH INTENSITY LIGHT SOURCE	US-2012-0187830-A1	13/269,193	Published	
METHOD OF MAKING BULK INGAN SUBSTRATES AND DEVICES THEREON	US-2012-0091465-A1	13/272,981	Published	
METHOD FOR MANUFACTURE OF BRIGHT GAN LEDS USING A SELECTIVE REMOVAL PROCESS	US-2012-0135553-A1	13/304,182	Published	
HIGH PRESSURE APPARATUS AND METHOD FOR NITRIDE CRYSTAL GROWTH	US-2012-0118223-A1	13/343,563	Published	
GALLIUM AND NITROGEN CONTAINING TRIANGULAR OR DIAMOND-SHAPED CONFIGURATION FOR OPTICAL DEVICES	US-2013-0026483-A1	13/337,578	Published	
METHOD AND RESULTING DEVICE FOR PROCESSING PHOSPHOR MATERIALS IN LIGHT EMITTING DIODE APPLICATIONS	US-2013-0022758-A1	13/359,846	Published	

<u>Title:</u>	<u>Patent Number:</u>	<u>Application Serial Number:</u>	<u>Issued or Published?</u>	<u>Issue Date:</u>
METHOD AND SYSTEM FOR EPITAXY PROCESSES ON MISCU/T BULK SUBSTRATES	US-2013-0075770-A1	13/431,834	Published	
HIGH INTENSITY LIGHT SOURCE WITH INTERCHANGEABLE OPTICS	US-2013-0058099-A1	13/480,767	Published	
POLARIZATION DIRECTION OF OPTICAL DEVICES USING SELECTED SPATIAL CONFIGURATIONS	US-2012-0288974-A 1	13/553,691	Published	
LARGE AREA NITRIDE CRYSTAL AND METHOD FOR MAKING IT	US-2013-0119401-A1	13/731,453	Published	
LIGHT EMITTING DIODES WITH LOW REFRACTIVE INDEX MATERIAL LAYERS TO REDUCE LIGHT GUIDING EFFECTS	US-2013-0234108-A1	13/787,582	Published	
POLYCRYSTALLINE GROUP III METAL NITRIDE WITH GETTER AND METHOD OF MAKING	US-2013-0251615-A1	13/894,220	Published	
POWER LIGHT EMITTING DIODE AND METHOD WITH CURRENT DENSITY OPERATION	US 2012-0179389 A1	13/931,359	Published	
ACCESSORIES FOR LED LAMPS	US 2013-0343062	13/886,547	Published	
ACCESSORIES FOR LED LAMPS	US 2013-0343062	14/014,112	Published	