

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3301080

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
George E. Smith	02/19/2015
Robert C. Gardner	03/16/2015
Roland H. Haitz	01/09/2015
Louis Lerman	02/17/2015
RECEIVING PARTY DATA	
Name:	QUARKSTAR LLC
Street Address:	3455 CLIFF SHADOWS PKWY., SUITE 150
City:	LAS VEGAS
State/Country:	NEVADA
Postal Code:	89129
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14428147
CORRESPONDENCE DATA	
Fax Number:	(877)769-7945
<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:	(212) 641-2285
Email:	apsi@fr.com
Correspondent Name:	RICHARD WONG
Address Line 1:	FISH & RICHARDSON P.C.
Address Line 2:	P.O.BOX 1022
Address Line 4:	MINNEAPOLIS, MINNESOTA 55440-1022
ATTORNEY DOCKET NUMBER:	35864-0026US1
NAME OF SUBMITTER:	NANCY GRANT
SIGNATURE:	/Nancy Grant/
DATE SIGNED:	04/07/2015
Total Attachments: 8	
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POST PCT ASSIGNMENT

ASSIGNMENT

For valuable consideration, we, GEORGE E. SMITH of 920 Bluebonnet Drive, Sunnyvale, CA 94086; ROBERT C. GARDNER of 23 Holbrook Lane, Atherton, CA 94027; ROLAND H. HAITZ of 25 Adair Lane, Portola Valley, CA 94028; LOUIS LERMAN of Las Vegas, NV; hereby assign to:

Quarkstar LLC, a Nevada corporation having a place of business at:

3455 Cliff Shadows Pkwy
Suite 150
Las Vegas, NV 89129;

and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of a PCT application entitled SOLID STATE ILLUMINATION DEVICES INCLUDING SPATIALLY-EXTENDED LIGHT SOURCES AND REFLECTORS, filed September 12, 2013, and assigned PCT Serial Number PCT/US2013/059525, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known, this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under all treaties; and we hereby confirm our prior authorization of the Assignee, as of September 12, 2013, to apply in all countries in our names or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

ASSIGNMENT OF PATENT RIGHTS

George E. Smith Date: 02/19/2015
 GEORGE E. SMITH

Robert C. Gardner Date: _____
 ROBERT C. GARDNER

Ronald H. Hartz Date: _____
 RONALD H. HARTZ

Louis Lerman Date: _____
 LOUIS LERMAN

The Assignee hereby acknowledges and accepts the forgoing assignment.

Assignee: QUARKSTAR LLC

Signature: _____ Date: _____

Name: _____

Title: _____

POST PCT ASSIGNMENT

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For valuable consideration, we, GEORGE E. SMITH of 920 Bluebonnet Drive, Sunnyvale, CA 94086; ROBERT C. GARDNER of 23 Holbrook Lane, Atherton, CA 94027; ROLAND H. HAITZ of 25 Adair Lane, Portola Valley, CA 94028; LOUIS LERMAN of Las Vegas, NV; hereby assign to:

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Date: _____
GEORGE E. SMITH

Robert C. Gardner _____ Date: 16 MAR 15
ROBERT C. GARDNER

Date: _____
RONALD H. HAITZ

Date: _____
LOUIS LERMAN

The Assignee hereby acknowledges and accepts the forgoing assignment.

Assignee: QUARKSTAR LLC

Signature: _____ Date: _____

Name: _____

Title: _____

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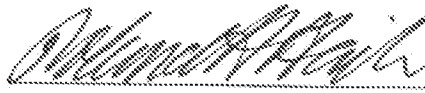
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Date: _____
GEORGE E. SMITH

Date: _____
ROBERT C. GARDNER



Date: 1/9/15
RONALD H. HARTZ

Date: _____
LOUIS LERMAN

The Assignee hereby acknowledges and accepts the forgoing assignment.

Assignee: QUARKSTAR LLC

Signature: _____ Date: _____

Name: _____

Title: _____

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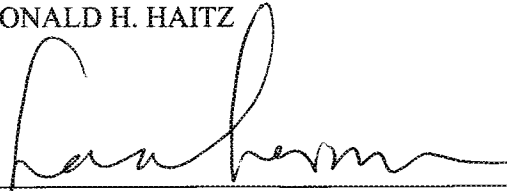
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LC

GEORGE E. SMITH Date: _____

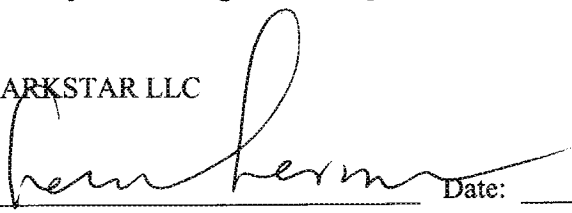
ROBERT C. GARDNER Date: _____

RONALD H. HAITZ


LOUIS LERMAN Date: 2/17/2015

The Assignee hereby acknowledges and accepts the forgoing assignment.

Assignee: QUARKSTAR LLC

Signature:  Date: 2/17/2015

Name: Louis Lerman

Title: CEO