

PATENT ASSIGNMENT

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Compound Photonics U.S. Corporation	10/18/2011

RECEIVING PARTY DATA

Name:	Compound Photonics Limited
Street Address:	66-68 Great Suffolk Street
Internal Address:	Gunpowder House
City:	Southwark, London
State/Country:	UNITED KINGDOM
Postal Code:	SE1-0BL

PROPERTY NUMBERS Total: 8

Property Type	Number
Patent Number:	5963289
Patent Number:	6140983
Patent Number:	6275277
Patent Number:	6587172
Patent Number:	6636287
Patent Number:	6829027
Patent Number:	6867839
Application Number:	10435179

CORRESPONDENCE DATA

Fax Number: (202)496-7756

Phone: 2024967500

Email: mlaip@mckennalong.com

*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.*

Correspondent Name: McKenna Long & Aldridge LLP

PATENT

REEL: 027093 FRAME: 0569

501697254

CH \$320.00 5963289

Address Line 1:	1900 K Street NW
Address Line 2:	IP Department
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20006

ATTORNEY DOCKET NUMBER:	32458.0001
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NAME OF SUBMITTER:	Song K. Jung
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CONFIRMATION OF PATENT  
ASSIGNMENT

This Confirmation of Patent Assignment ("Assignment") is hereby made as of October 12, 2011 by and between COMPOUND PHOTONICS U.S. CORPORATION ("Compound Photonics U.S."), a Delaware corporation having its principal place of business at 1110 North 52<sup>nd</sup> Street, Phoenix, AZ 85008, and COMPOUND PHOTONICS LIMITED ("CPL"), a United Kingdom corporation having its principal place of business at Gunpowder House, 66-68 Great Suffolk Street, Southwark, London, SE1-0BL United Kingdom.

BACKGROUND

On January 21, 2010, Compound Photonics U.S. executed a Patent Assignment, assigning to CPL all of Compound Photonics U.S.'s right, title, and interest in and to the United States and foreign patents and patent applications identified on Appendix 1 ("Assigned Patents") attached hereto. The Patent Assignment was recorded with the U.S. Patent and Trademark Office on July 7, 2010. See Reel / Frame 024640 / 0332. The parties adopt this Confirmation of Patent Assignment in order to confirm, ratify, and effect the assignment of Compound Photonics U.S.'s entire right, title, and interest (past, present, and future) in the Assigned Patents to CPL.

NOW, THEREFORE, in exchange for one U.S. dollar (\$1) and other good and valuable consideration, the receipt of which is hereby acknowledged, the parties have agreed to and hereby adopt this Assignment in order to confirm, ratify, and effect the assignment of the Assigned Patents to CPL.

1. RATIFICATION OF ASSIGNMENT.

Compound Photonics U.S. hereby confirms, ratifies, and accepts the January 21, 2010 Patent Assignment (Reel / Frame 024640 / 0332) as having assigned to CPL all of Compound Photonics U.S.'s right, title, and interest in the Assigned Patents, including any inventions claimed in the Assigned Patents, any and all divisionals, continuations, re-examinations, renewals, provisionals, continuations-in-part, or re-issues, and foreign equivalents of the foregoing, the same to be held and enjoyed by CPL for its own use and enjoyment, and for the use and enjoyment of its successors, assigns, or other legal representatives, to the end of the term or terms for which the Assigned Patents are or may be granted, reissued, or extended as fully and entirely as the same would have been held and enjoyed by Compound Photonics U.S., if the Patent Assignment had not been made, and together with all claims for damages by reason of past, present, or future infringement of said Assigned Patents, with the right to sue, recover damages, and obtain injunctive relief for past, present, and future infringement, misappropriation, or any other violation of the Assigned Patents.

2. CONFIRMATION OF ASSIGNMENT.

In case Compound Photonics U.S. retains any legal, equitable, or other rights in, under, or to the Assigned Patents, Compound Photonics U.S. hereby makes a quit-claim sale, assignment, transfer, and conveyance to CPL of the Compound Photonics U.S.'s entire right, title, and interest in the Assigned Patents, including any inventions claimed in said Assigned Patents, any and all divisionals, continuations, re-examinations, renewals, provisionals, continuations-in-part, or re-issues, and foreign equivalents of the foregoing, the same to be held and enjoyed by CPL for its own use and enjoyment, and for the use and enjoyment of its successors, assigns, or other

legal representatives, to the end of the term or terms for which the Assigned Patents are or may be granted, reissued, or extended as fully and entirely as the same would have been held and enjoyed by Compound Photonics U.S., if this Confirmation of Patent Assignment had not been made, and together with all claims for damages by reason of past, present, or future infringement of the Assigned Patents, with the right to sue, recover damages, and obtain injunctive relief for past, present, and future infringement, misappropriation, or any other violation of the Assigned Patents. Compound Photonics U.S. confirms and acknowledges that it retains no right, interest, or prerogative (whether legal, equitable, or contractual) to the Assigned Patents, including (for example and not by way of limitation) any right to restrict, direct, consent to, receive notice of, or otherwise participate in any use, prosecution, licensing, or enforcement of the Assigned Patents.

3. MISCELLANEOUS.

Compound Photonics U.S. hereby authorizes and requests the Commissioner of Patents and Trademarks, and any official of any country or countries foreign to the United States whose duty it is to issue and record patent applications, registrations, renewals, reissues, extensions, assignments and title thereto, to record CPL as owner of the Assigned Patents, including any renewals, reissues, continuations, continuations-in-part, revisions, extensions, or re-examinations thereof, and to issue any and all letters patent of the United States thereon to CPL, as assignee of its entire right, title, and interest in, to, and under the same, for the sole use and enjoyment of CPL, its successors, assigns, or other legal representatives.

COMPOUND PHOTONICS U.S.  
CORPORATION

By: 

Name: Jonathan A. Sachs

Title: President & CEO

ACKNOWLEDGED, AGREED, AND ACCEPTED BY:

COMPOUND PHOTONICS LIMITED

By: 

Name: Jonathan A. Sachs

Title: President & CEO

APPENDIX I  
To  
CONFIRMATION OF PATENT ASSIGNMENT

Patent No.	Title
U.S. Patent 5,963,289	Asymmetrical scribe and separation method of manufacturing liquid crystal devices on silicon wafers
U.S. Patent 6,140,983	Display system having multiple memory elements per pixel with improved layout design
U.S. Patent 6,275,277	Micro liquid crystal displays having a circular cover glass and a viewing area free of spacers
U.S. Patent 6,587,172	Controlled angle retarder with liquid crystal cell bias tuned for a sequence of wavelengths
U.S. Patent 6,636,287 B1	Display systems with pixel electrodes at different distances from a control electrode
U.S. Patent 6,829,027	Controlled angle retarder
U.S. Patent 6,867,839 B2	Liquid crystal display system with a dielectric layer disposed above a first pixel electrode surface and not above a second pixel electrode surface
U.S. Patent 10/435,179	Display with Pixel Electrodes Separated from a Common Electrode by Different Optical Distances

Invention Write-Up	Title
	Laser illuminator, Johnson Liu
	A set of methods and algorithms that improve the gamma correction and the gray tracking performance for color rendering devices