

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Charles NEUGEBAUER</td> <td>11/29/2012</td> </tr> <tr> <td>Jason WONG</td> <td>08/18/2012</td> </tr> <tr> <td>Sam NIANSHENG QUI</td> <td>08/17/2012</td> </tr> <tr> <td>David KLawon</td> <td>08/17/2012</td> </tr> </tbody> </table>		Name	Execution Date	Charles NEUGEBAUER	11/29/2012	Jason WONG	08/18/2012	Sam NIANSHENG QUI	08/17/2012	David KLawon	08/17/2012
Name	Execution Date										
Charles NEUGEBAUER	11/29/2012										
Jason WONG	08/18/2012										
Sam NIANSHENG QUI	08/17/2012										
David KLawon	08/17/2012										
RECEIVING PARTY DATA											
Name:	barnesandnoble.com llc										
Street Address:	76 Ninth Avenue										
Internal Address:	9th Floor										
City:	New York										
State/Country:	NEW YORK										
Postal Code:	10011										
PROPERTY NUMBERS Total: 3											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13588945</td> </tr> <tr> <td>Application Number:</td> <td>61525641</td> </tr> <tr> <td>PCT Number:</td> <td>US1251147</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13588945	Application Number:	61525641	PCT Number:	US1251147		
Property Type	Number										
Application Number:	13588945										
Application Number:	61525641										
PCT Number:	US1251147										
CORRESPONDENCE DATA											
Fax Number:	2122944700										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	2122946635										
Email:	dkumar@winston.com										
Correspondent Name:	WINSTON & STRAWN LLP - Michael J. Scheer										
Address Line 1:	1700 K Street N.W.										
Address Line 2:	Patent Department										
Address Line 4:	Washington, DISTRICT OF COLUMBIA 200063817										
ATTORNEY DOCKET NUMBER:	86244-4000-4001-4088										

CH \$120.00 13588945

NAME OF SUBMITTER:	Michael J. Scheer
Signature:	/Michael J. Scheer/
Date:	05/16/2013
Total Attachments: 8 source=86244-4000--Executed-Assignment#page1.tif source=86244-4000--Executed-Assignment#page2.tif source=86244-4000--Executed-Assignment#page3.tif source=86244-4000--Executed-Assignment#page4.tif source=86244-4000--Executed-Assignment#page5.tif source=86244-4000--Executed-Assignment#page6.tif source=86244-4000--Executed-Assignment#page7.tif source=86244-4000--Executed-Assignment#page8.tif	

WHEREAS Charles NEUGEBAUER, Jason WONG, Sam NIANSHENG QIU and David KLAWON, as Assignor, is the inventor of the invention in **PLANAR FRONT ILLUMINATION SYSTEM HAVING A LIGHT GUIDE WITH MICRO LENSES FORMED THEREON AND METHOD OF MANUFACTURING THE SAME** for which an application for a Patent of the United States, identified by Winston & Strawn LLP Docket No. **86244-4000**, filed on August 17, 2012 as App. No. 13/588,945, and PCT App. No. PCT/US12/51147, filed August 16, 2012, both of which claim the benefit of Provisional App. No. 61/525,641, filed August 19, 2011.

WHEREAS, **barnesandnoble.com llc.**, a corporation having its principal place of business at 76 Ninth Avenue, 9th Floor, New York, New York 10011, Assignee, is desirous of acquiring all worldwide right, title and interest in and to said invention and any Patent that may be granted therefor.

NOW, THEREFORE, in exchange for good and valuable consideration to each Assignor, the receipt and sufficiency of which is hereby acknowledged, we, as Assignors, hereby sell, assign and set over to said Assignee its successors, legal representatives and assigns, his or her entire worldwide right, title and interest for the United States and all other countries in and to said invention and the aforesaid application for Patent, all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States and all other countries, including all rights of priority from the filing of said application, and all rights for past infringement, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said inventions or resulting therefrom to said Assignee herein, as Assignee of the entire interest therein; and the undersigned for ourselves and our legal representatives, heirs and assign do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Patent on said inventions and all assignments thereof to said Assignee or its assigns, to communicate to said Assignee or its representatives all facts known to the undersigned respecting said inventions, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to assist Assignee, its successors, assigns and nominees to obtain patent protection for said invention in the United States and all other countries, the expenses incident to said applications to be borne and paid by said Assignee.

And each Assignor hereby authorizes the Assignee's patent attorney to complete this form by the addition of the application number, application filing date, and attorney docket number, if necessary.

Date: 11/29/12



Charles NEUGEBAUER

Date: _____

Jason WONG

Date: _____

Sam NIANSHENG QIU

Date: _____

David KLAWON

WHEREAS Charles NEUGEBAUER, Jason WONG, Sam NIANSHENG QIU and David KLAWON, as Assignor, is the inventor of the invention in **PLANAR FRONT ILLUMINATION SYSTEM HAVING A LIGHT GUIDE WITH MICRO LENSES FORMED THEREON AND METHOD OF MANUFACTURING THE SAME** for which an application for a Patent of the United States, identified by Winston & Strawn LLP Docket No. 86244-4000, filed on August 17, 2012 as App. No. 13/588,945, and PCT App. No. PCT/US12/51147, filed August 16, 2012, both of which claim the benefit of Provisional App. No. 61/525,641, filed August 19, 2011.

WHEREAS, **barnesandnoble.com llc.**, a corporation having its principal place of business at 76 Ninth Avenue, 9th Floor, New York, New York 10011, Assignee, is desirous of acquiring all worldwide right, title and interest in and to said invention and any Patent that may be granted therefor.

NOW, THEREFORE, in exchange for good and valuable consideration to each Assignor, the receipt and sufficiency of which is hereby acknowledged, we, as Assignors, hereby sell, assign and set over to said Assignee its successors, legal representatives and assigns, his or her entire worldwide right, title and interest for the United States and all other countries in and to said invention and the aforesaid application for Patent, all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States and all other countries, including all rights of priority from the filing of said application, and all rights for past infringement, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said inventions or resulting therefrom to said Assignee herein, as Assignee of the entire interest therein; and the undersigned for ourselves and our legal representatives, heirs and assign do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Patent on said inventions and all assignments thereof to said Assignee or its assigns, to communicate to said Assignee or its representatives all facts known to the undersigned respecting said inventions, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to assist Assignee, its successors, assigns and nominees to obtain patent protection for said invention in the United States and all other countries, the expenses incident to said applications to be borne and paid by said Assignee.

And each Assignor hereby authorizes the Assignee's patent attorney to complete this form by the addition of the application number, application filing date, and attorney docket number, if necessary.

Date: _____

Charles NEUGEBAUER

Date: Aug. 18, 2012

Jason Wong
Jason WONG

Date: _____

Sam NIANSHENG QIU

Date: _____

David KLAWON

WHEREAS Charles NEUGEBAUER, Jason WONG, Sam NIANSHENG QIU and David KLAWON, as Assignor, is the inventor of the invention in **PLANAR FRONT ILLUMINATION SYSTEM HAVING A LIGHT GUIDE WITH MICRO LENSES FORMED THEREON AND METHOD OF MANUFACTURING THE SAME** for which an application for a Patent of the United States, identified by Winston & Strawn LLP Docket No. 86244-4000, filed on August 17, 2012 as App. No. 13/588,945, and PCT App. No. PCT/US12/51147, filed August 16, 2012, both of which claim the benefit of Provisional App. No. 61/525,641, filed August 19, 2011.

WHEREAS, **barnesandnoble.com llc.**, a corporation having its principal place of business at 76 Ninth Avenue, 9th Floor, New York, New York 10011, Assignee, is desirous of acquiring all worldwide right, title and interest in and to said invention and any Patent that may be granted therefor.

NOW, THEREFORE, in exchange for good and valuable consideration to each Assignor, the receipt and sufficiency of which is hereby acknowledged, we, as Assignors, hereby sell, assign and set over to said Assignee its successors, legal representatives and assigns, his or her entire worldwide right, title and interest for the United States and all other countries in and to said invention and the aforesaid application for Patent, all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States and all other countries, including all rights of priority from the filing of said application, and all rights for past infringement, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said inventions or resulting therefrom to said Assignee herein, as Assignee of the entire interest therein; and the undersigned for ourselves and our legal representatives, heirs and assign do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Patent on said inventions and all assignments thereof to said Assignee or its assigns, to communicate to said Assignee or its representatives all facts known to the undersigned respecting said inventions, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to assist Assignee, its successors, assigns and nominees to obtain patent protection for said invention in the United States and all other countries, the expenses incident to said applications to be borne and paid by said Assignee.

And each Assignor hereby authorizes the Assignee's patent attorney to complete this form by the addition of the application number, application filing date, and attorney docket number, if necessary.

Date: _____

Charles NEUGEBAUER

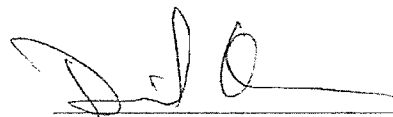
Date: _____

Jason WONG

Date: _____

Sam NIANSHENG QIU

Date: 8/17/2012



David KLAWON

PATENT APPLICATION ASSIGNMENT
SOLE OR JOINT INVENTORS

FILE NO. 86244-4000

WHEREAS Charles NEUGEBAUER, Jason WONG, Sam NIANSHENG QIU and David KLAWON, as Assignor, is the inventor of the invention in **PLANAR FRONT ILLUMINATION SYSTEM HAVING A LIGHT GUIDE WITH MICRO LENSES FORMED THEREON AND METHOD OF MANUFACTURING THE SAME** for which an application for a Patent of the United States, identified by Winston & Strawn LLP Docket No. **86244-4000**, filed on August 17, 2012 as App. No. 13/588,945, and PCT App. No. PCT/US12/51147, filed August 16, 2012, both of which claim the benefit of Provisional App. No. 61/525,641, filed August 19, 2011.


WHEREAS, **barnesandnoble.com llc.**, a corporation having its principal place of business at 76 Ninth Avenue, 9th Floor, New York, New York 10011, Assignee, is desirous of acquiring all worldwide right, title and interest in and to said invention and any Patent that may be granted therefor.

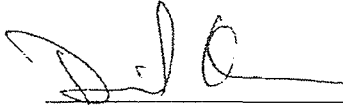
NOW, THEREFORE, in exchange for good and valuable consideration to each Assignor, the receipt and sufficiency of which is hereby acknowledged, we, as Assignors, hereby sell, assign and set over to said Assignee its successors, legal representatives and assigns, his or her entire worldwide right, title and interest for the United States and all other countries in and to said invention and the aforesaid application for Patent, all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States and all other countries, including all rights of priority from the filing of said application, and all rights for past infringement, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said inventions or resulting therefrom to said Assignee herein, as Assignee of the entire interest therein; and the undersigned for ourselves and our legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Patent on said inventions and all assignments thereof to said Assignee or its assigns, to communicate to said Assignee or its representatives all facts known to the undersigned respecting said inventions, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to assist Assignee, its successors, assigns and nominees to obtain patent protection for said invention in the United States and all other countries, the expenses incident to said applications to be borne and paid by said Assignee.

And each Assignor hereby authorizes the Assignee's patent attorney to complete this form by the addition of the application number, application filing date, and attorney docket number, if necessary.

Date: _____
Charles NEUGEBAUER

Date: _____
Jason WONG

Date: 8/17/2012

Sam NIANSHENG QIU

Date: 8/17/2012

David KLAWON