PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
Mark L. STORCH	09/09/2009
Mathew K. MATHAI	09/09/2009
Glenn THOMPSON	09/09/2009
Joseph GREENBERG	11/10/2009

RECEIVING PARTY DATA

Name:	PLEXTRONICS, INC.	
Street Address:	2180 William Pitt Way	
City:	Pittsburgh	
State/Country:	PENNSYLVANIA	
Postal Code:	15238	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	12543440	

CORRESPONDENCE DATA

Fax Number: (202)672-5399

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 202-672-5300

Email: srutt@foley.com

Correspondent Name: J. Steven Rutt

Address Line 1: Foley & Lardner LLP

Address Line 2: 3000 K Street, N.W., Suite 600

Address Line 4: Washington, DISTRICT OF COLUMBIA 20007

ATTORNEY DOCKET NUMBER: 043419-0355

NAME OF SUBMITTER: J. Steven Rutt

Total Attachments: 10

PATENT REEL: 023496 FRAME: 0447 OF \$40.00 12543440

501011439



PATENT REEL: 023496 FRAME: 0448

ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor (hereinafter referred to singly and collectively as "ASSIGNOR") has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto

Plextronics, Inc. 2180 William Pitt Way Pittsburgh, PA 15238

(hereinafter referred to as "ASSIGNEE") its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions, and all foreign countries in and to this invention relating to

Organic Light Emitting Diode Lighting Systems

as set forth in	his United States Patent Application
check one	[] executed concurrently herewith, [] executed on,
	[X] Serial No. 12/543,440 Filed <u>8/18/2009</u>

as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto for above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the International Convention and any other international agreement to which the United States adheres; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES ASSIGNEE to file patent applications in any or all countries on the above-identified invention or inventions in the name of the undersigned or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable under the International Convention or otherwise.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

Page 1 of 5

06/09 jlm

ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representative or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, and declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the law firm of Foley & Lardner LLP the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of Foley & Lardner LLP do not personally represent ASSIGNOR OR ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

Executed this day of	September, 2009.
State of Pennsylvania ss: County of Alleghen ss:	Mark Storch
On this <u>941</u> day of <u>September</u> , 20 <u>09</u> , before who is personally known to me to be the same person whose name is subthe/she signed, sealed, and delivered the said instrument as his/her free and	pseribed to the foregoing instrument, and he/she acknowledged that and voluntary act for the uses and purposes therein set forth.
NOTARIAL SEAL SARA J GRAYSON Notary Public NEWIGATINGTON CITY, WESTMORELAND COUNTY My Commission Expires Jun 12, 2010 (Scal)	My Commission Expires: 942 12,200
Executed this 9th day of September	, 20 <u>09</u> .
State of <u>Lennay lettera</u>) SS: County of <u>Allegheny</u> SS:	Mathew Mathai
who is personally known to me to be the same person whose name is subhe/she signed, sealed, and delivered the said instrument as his/her free and	
NOTARIAL SEAL SARA J GRAYSON Notary Public NEW KENENGTON CITY, WESTMORELAND COUNTY My Commission Expires Jun 12, 2010	My Commission Expires: Jane 12, 2012
(Scal)	my commission expires.

Executed this All September, 20 07.

State of Penn May of September, 20 07.

Glenn Thompson

Ss:

County of All sheer.

On this 39 day of Sentencles, 20 09, before me, a notary public in and for said county, appeared Glenn Thompson, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and he/she acknowledged that he/she signed, sealed, and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

NOTARIAL SEAL
SARA J GRAYBON
Notary Public
NEW KENENGTON CITY, WESTMORELAND COUNTY
My Commission Expires Jun 12, 2010

(Seal)

Nothing Public

My Commission Expires: Office 12,200

Executed this day of	
State of)	Joseph Greenberg
County of	
On this day of, 20 Greenberg, who is personally known to me to be the same person acknowledged that he/she signed, sealed, and delivered the said i forth.	before me, a notary public in and for said county, appeared Joseph whose name is subscribed to the foregoing instrument, and he/she instrument as his/her free and voluntary act for the uses and purposes therein set
	Notary Public
(Seal)	My Commission Expires:

ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor (hereinafter referred to singly and collectively as "ASSIGNOR") has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto

Plextronics, Inc. 2180 William Pitt Way Pittsburgh, PA 15238

(hereinafter referred to as "ASSIGNEE") its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions, and all foreign countries in and to this invention relating to

Organic Light Emitting Diode Lighting Systems

as set forth i	this United States Patent Application
check one	[] executed concurrently herewith, [] executed on [X] Serial No. 12/543,440 Filed 8/18/2009

as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto for above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the International Convention and any other international agreement to which the United States adheres; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES ASSIGNEE to file patent applications in any or all countries on the above-identified invention or inventions in the name of the undersigned or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable under the International Convention or otherwise.

Page 1 of 5

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representative or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, and declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the law firm of Folcy & Lardner LLP the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of Foley & Lardner LLP do not personally represent ASSIGNOR OR ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

Executed this	day of	, 20
	,	Mark Storch
ite of		Mark Storen
ss: unty of		
On this day of	ocraon whose name is subscribed to	notary public in and for said county, appeared Mark Storch, othe foregoing instrument, and he/she acknowledged that any act for the uses and purposes therein set forth.
		Nortary Public
(Scal)		My Commission Expires:
Executed this day o	of, 20	·
		Mathew Mathai
ate of)		
ounty of)	,	
no is nersonally known to me to be the same.	nerson whose name is subscribed to	notary public in and for said county, appeared Mathew Math o the foregoing instrument, and he/she acknowledged that ary act for the uses and purposes therein set forth.
		Notary Public
		My Commission Expires:
(Seal)		,

Page 3 of 5

Executed th	is day of		
			Glenn Thompson
te of			
unty of)		
On this	day of	, 20	
ompson, who is persona	lly known to me to be the signed, sealed, and deliver	same persor ed the said i	n whose name is subscribed to the foregoing institution, and his/her free and voluntary act for the uses and purposes therein
th.			
			Notary Public
			My Commission Expires:
(Pool)			•

Executed this 10 day of Movember, 2009.

State of Pennsylvania

COMMONWEALTH OF PENNSYLVANIA

Notariel Seal Andrea Sitter, Notary Public Franklin Park Boro, Allegheny County My Commission Expires March 6, 2012

Member, Pennsylvania Association of Notaries

My Commission Expires: March Co, 2012

Joseph Greenberg

(Seal)

Page 5 of 5

06/09 Jlm

RECORDED: 11/10/2009