

## 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>Richard H. Harrington</td> <td>04/22/2013</td> </tr> <tr> <td>Charles W. Krapf</td> <td>05/31/2013</td> </tr> </tbody> </table>		Name	Execution Date	Richard H. Harrington	04/22/2013	Charles W. Krapf	05/31/2013
Name	Execution Date						
Richard H. Harrington	04/22/2013						
Charles W. Krapf	05/31/2013						
RECEIVING PARTY DATA							
Name:	RTC Inc.						
Street Address:	5575 Dexter Townhall Rd.						
City:	Dexter						
State/Country:	MICHIGAN						
Postal Code:	48130						
PROPERTY NUMBERS Total: 1							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13800982</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13800982		
Property Type	Number						
Application Number:	13800982						
CORRESPONDENCE DATA							
Fax Number:	7349136007						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
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ATTORNEY DOCKET NUMBER:	RTC-10104/29						
NAME OF SUBMITTER:	John G. Posa						
Signature:	/John G. Posa/						
Date:	06/03/2013						
Total Attachments: 3 source=SCAN_A2_015815#page1.tif source=SCAN_A2_015815#page2.tif source=SCAN_A2_015815#page3.tif							

CH \$40.00 13800982

### RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies):**

Richard H. Harrington (04/22/2013) and Charles W. Krapp (05/31/2013)

Additional name(s) of conveying party(ies) attached?  Yes  No

**2. Name and address of receiving party(ies)**

Name: RTC Inc.

Internal Address: \_\_\_\_\_

Street Address: \_\_\_\_\_

5575 Dexter Townhall Rd.

City: Dexter

State: Michigan

Country: United States of America Zip: 48130

Additional name(s) & address(es) attached?  Yes  No

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s): in parentheses after inventor name

Assignment  Merger  Change of Name

Security Agreement  Joint Research Agreement

Government Interest Assignment

Executive Order 9424, Confirmatory License

Other \_\_\_\_\_

**4. Application or patent number(s):**

This document serves as an Oath/Declaration (37 CFR 1.63).

A. Patent Application No.(s)

13/800,982

B. Patent No.(s)

Additional numbers attached?  Yes  No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: John G. Posa  
GIFFORD, KRASS, SPRINKLE,  
ANDERSON & CITKOWSKI, P.C.

Internal Address: Atty. Dkt.: RTC-10104/29  
Street Address: 2701 Troy Center Drive, Suite 330  
Post Office Box 7021

City: Troy

State: MI Zip: 48007-7021

Phone Number: (734) 913-9300

Fax Number: (734) 913-6007

Email Address: docket@patlaw.com

**6. Total number of applications and patents involved:**

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

Authorized to be charged to deposit account

Enclosed

None required (government interest not affecting title)

**8. Payment Information**

Deposit Account Number 07-1180

Authorized User Name John G. Posa

**9. Signature:**

/John G. Posa/

Signature

June 3, 2013

Date

John G. Posa - 37,424

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

## ASSIGNMENT BY INVENTORS

**THIS ASSIGNMENT**, made by Richard H. Harrington and Charles W. Krapf (hereinafter referred to as Assignors), residing at 5575 Dexter Townhall Rd., Dexter, Michigan 48130; and 9911 Doris, Livonia, Michigan 48150, respectively;

**WHEREAS**, Assignors have invented certain new and useful improvements in IMPROVEMENTS IN LIGHT EMITTING DIODE CIRCUITS FOR GENERAL LIGHTING, set forth in a Utility application for Letters Patent of the United States, filed on March 13, 2013 as U.S. Application No. 13/800,982 ; and

**WHEREAS**, RTC Inc., having its principal place of business at 5575 Dexter Townhall Rd., Dexter, Michigan 48130 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

**NOW, THEREFORE**, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

**AND** for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

**AND** for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives

and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Utility application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

GIFFORD, KRASS, SPRINKLE, ANDERSON & CITKOWSKI, P.C.

All practitioners at Customer Number 25006

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

Date: 4-22-13

Signature: \_\_\_\_\_

  
Richard H. Harrington

Date: 5-31-13

Signature: \_\_\_\_\_

  
Charles W. Krapf