

PATENT ASSIGNMENT

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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>Harumi SAKURAGI</td> <td>05/09/2012</td> </tr> <tr> <td>Wataru OGURA</td> <td>05/11/2012</td> </tr> <tr> <td>Teruo WATANABE</td> <td>05/11/2012</td> </tr> <tr> <td>Minoru KITAHARA</td> <td>05/11/2012</td> </tr> </tbody> </table>	Name	Execution Date	Harumi SAKURAGI	05/09/2012	Wataru OGURA	05/11/2012	Teruo WATANABE	05/11/2012	Minoru KITAHARA	05/11/2012	
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Wataru OGURA	05/11/2012										
Teruo WATANABE	05/11/2012										
Minoru KITAHARA	05/11/2012										
RECEIVING PARTY DATA											
Name:	NICHIA CORPORATION										
Street Address:	491-100, Oka, Kaminaka-cho, Anan-shi										
City:	Tokushima										
State/Country:	JAPAN										
Postal Code:	774-8601										
PROPERTY NUMBERS Total: 1											
Property Type	Number										
Application Number:	13447306										
CORRESPONDENCE DATA											
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NAME OF SUBMITTER:	Masayasu Mori										
Total Attachments: 2 source=P6341US00_Assignment#page1.tif source=P6341US00_Assignment#page2.tif											

OP \$40.00 13447306

Attorney Docket No.: 01109-1000

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we the undersigned, Harumi SAKURAGI, Wataru OGURA, Teruo WATANABE, and Minoru KITAHARA, hereby sell, assign, and transfer to NICHIA CORPORATION, a corporation of, having a principal place of business at 491-100, Oka, Kaminaka-cho, Anan-shi, Tokushima 774-8601 Japan ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent, entitled:

LIGHT-EMITTING DIODE DRIVING APPARATUS
FOR SUPPRESSING HARMONIC COMPONENTS

- ☐ which has been executed by the undersigned concurrently herewith,
☒ which was filed on Apr. 16, 2012 and assigned Serial No. 13/447,306

and in to said application and all divisional, continuing, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all assignments and powers of attorney; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each Inventor: Please Sign and Date Below:

May 9, 2012
Date

Harumi Sakuragi
Name: Harumi SAKURAGI

May 11, 2012
Date

Wataru Ogura
Name: Wataru OGURA

May 11, 2012
Date

Teruo Watanabe
Name: Teruo WATANABE

May 11, 2012
Date

Minoru Kitahara
Name: Minoru KITAHARA