

## 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>Hiroshi MIZUNO</td> <td>07/31/2012</td> </tr> <tr> <td>Motohiro AOKI</td> <td>07/31/2012</td> </tr> </tbody> </table>		Name	Execution Date	Hiroshi MIZUNO	07/31/2012	Motohiro AOKI	07/31/2012						
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<table border="1"> <tr> <td>Name:</td> <td>HAYASHI ENGINEERING INC.</td> </tr> <tr> <td>Street Address:</td> <td>4-5, Kamimaezu 1-chome</td> </tr> <tr> <td>Internal Address:</td> <td>Naka-ku</td> </tr> <tr> <td>City:</td> <td>Nagoya-shi, Aichi</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>460-0013</td> </tr> </table>		Name:	HAYASHI ENGINEERING INC.	Street Address:	4-5, Kamimaezu 1-chome	Internal Address:	Naka-ku	City:	Nagoya-shi, Aichi	State/Country:	JAPAN	Postal Code:	460-0013
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CORRESPONDENCE DATA													
Fax Number:	2022937860												
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>													
Correspondent Name:	Sughrue Mion PLLC												
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ATTORNEY DOCKET NUMBER:	Q141725												
NAME OF SUBMITTER:	Alexander E. Auerbach, New App. Spec.												
Total Attachments: 1 source=ASSIGNMENT#page1.tif													

OP \$40.00 13594062

## Assignment

Whereas, I/We, Hiroshi MIZUNO and Motohiro AOKI, both of AICHI, JAPAN  
hereinafter called assignor(s), have invented certain improvements in  
PLANAR LIGHTING DEVICE

and executed an application for Letters Patent of the United States of America  
therefor on July 31, 2012; and

Whereas, HAYASHI ENGINEERING INC.  
of 4-5, Kamimaezu 1-chome,  
Naka-ku, Nagoya-shi,  
AICHI 460-0013 JAPAN

(assignee), desires to acquire the entire right, title, and interest in the application and  
invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above  
named assignee, its successors and assigns, the entire right, title and interest in the application  
and the invention disclosed therein for the United States of America, including all divisions,  
and continuations thereof, and all Letters Patent of the United States that may be granted  
thereon, and all reissues thereof, including the right to claim priority under 35 U.S.C. §119,  
and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters  
Patent granted upon the invention set forth in the application to the assignee, its successors  
and assigns; and I/we will execute without further consideration all papers deemed necessary  
by the assignee in connection with the United States application when called upon to do so by  
the assignee.

I/We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100  
Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses  
(Application number 13/594,062 and Confirmation number  
6652, filed August 24, 2012) the application  
number and filing date of said application when known.

Date: July 31, 2012 Hiroshi Mizuno  
s/

Date: July 31, 2012 Motohiro Aoki  
s/

Date:

s/

Date:

s/

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)