

## 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>Koji Iwata</td> <td>07/27/2012</td> </tr> <tr> <td>Ken Yonaiyama</td> <td>07/27/2012</td> </tr> </tbody> </table>		Name	Execution Date	Koji Iwata	07/27/2012	Ken Yonaiyama	07/27/2012
Name	Execution Date						
Koji Iwata	07/27/2012						
Ken Yonaiyama	07/27/2012						
RECEIVING PARTY DATA							
Name:	Nichias Corporation						
Street Address:	1-26, Shibadaimon 1-chome						
City:	Minato-ku, Tokyo						
State/Country:	JAPAN						
Postal Code:	105-8555						
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>13520938</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13520938		
Property Type	Number						
Application Number:	13520938						
CORRESPONDENCE DATA							
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
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Total Attachments: 2 source=293770015_Assignment#page1.tif source=293770015_Assignment#page2.tif							

CH \$40.00 13520938

UNITED STATES OF AMERICA – ASSIGNMENT

- (1-5) Insert Name(s) of Inventors (1) Koji IWATA and  
(2) Ken YONAIYAMA  
(3) \_\_\_\_\_  
(4) \_\_\_\_\_  
(5) \_\_\_\_\_
- (6) Insert Name of Assignee (6) NICHIAS CORPORATION
- (7) Insert Address of Assignee (7) of 1-26, Shibadaimon 1-chome, Minato-ku,  
Tokyo 105-8555 Japan
- (8) Insert Legal Entity and State or Country (e.g., a (8) a corporation of Japan  
corporation or citizen of Japan) (hereinafter designated as the Assignee) the entire right,  
title and interest worldwide, including the United States,  
its territories, dependencies and possessions, in the  
invention known as
- (9) Insert Identification of Invention, such as Title, (9) Inorganic fibrous molded refractory article, method  
Case Number or Foreign Application Number for producing inorganic fibrous molded refractory  
article, and inorganic fibrous unshaped refractory  
composition
- (10) Insert Date of signing of Application, or (10) Said application having been executed/filed on  
filing date and Serial No., if known 07/06/12 (and assigned Serial  
No. 13/520,938)

1) The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or any continuing or divisional applications thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Union for Protection of Industrial Property or similar agreements.

4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States resulting from this application or any continuing or divisional applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute any agreement in conflict herewith.

LAW OFFICES OF  
STEP TOE & JOHNSON LLP  
1330 Connecticut Avenue, N.W.  
Washington, D.C. 20036-1795

6) Assignor hereby further assigns to Assignee all claims and causes of action for infringement of the patent rights assigned herein, including the right to sue for, and collect damages for, any and all acts of past and future infringement.

7) The undersigned hereby grant(s) the law firm of Steptoe & Johnson LLP, 1330 Connecticut Ave., N.W., Washington, D.C. 20036-1795, 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.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date <u>27.07.2012</u>	Name of Inventor:	<u>Koji IWATA</u> typed name	<u>Koji Iwata</u> signature (SEAL)
Date <u>27.07.2012</u>	Name of Inventor:	<u>Ken YONAIYAMA</u> typed name	<u>Ken Yonaiyama</u> signature (SEAL)
Date _____	Name of Inventor:	_____ typed name	_____ signature (SEAL)
Date _____	Name of Inventor:	_____ typed name	_____ signature (SEAL)
Date _____	Name of Inventor:	_____ typed name	_____ signature (SEAL)

This assignment should preferably be signed before a United States Consul if signed abroad, or a Notary Public if domestically signed, if not, then the execution by the inventor(s) should be witnessed by at least two witnesses who sign here:

Additional inventor's names and signatures on a separate sheet.

Witness \_\_\_\_\_

Witness \_\_\_\_\_

LAW OFFICES OF  
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