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2 Ken KATSURAGI	1) Name: Nichia Corporation	
3 Hiroaki MATSUMURA	Street Address: 491-100, Oka, Kaminaka-cho	
	City: Anan-shi, Tokushima	
3 Hiroaki MATSUMURA  Additional name/s of conveying party/ies attached?   3. Nature of conveyance:	S	
Additional name/s of conveying party/ies attached?	State/Country: Japan Zip: 774-8601	
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S. Nature of conveyance:	2) Name	
Security Assignment Change of Name	Street Address:	
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Execution Date: September 13, 2006	Additional name/s & address/es attached?  Yes  No	
4. Application number(s) or patent number(s):	o omnibostica in heiro Citata at a titata at a titata	
A. Patent Application No(s).	s application is being filed together with a new application.  B. Patent No(s).	
(1) unknown		
(2)	$\binom{1}{(2)}$ $\sqrt{0/594422}$	
(3)	$\begin{pmatrix} 2 \\ 3 \end{pmatrix}$	
Additional numbers at	• • • = =	
5. Name and address of party to whom correspondence	6. Total number of applications & patents involved:	
concerning document should be mailed:	2 round manager of approactions at patents involved.	
	7. Total fee (37 CFR 3.41) \$ 40.00	
Name: Arthur R. Crawford	Enclosed	
	Authorized to be charged to deposit account #14-1140	
Internal Address:	Transcribed to be charged to deposit account #14-1140	
	8. The Commissioner is hereby authorized to charge any	
Street Address: Nixon & Vanderhye P.C.	deficiency in the fee(s) filed, or asserted to be filed, or which	
901 North Glebe Road	should have been filed herewith (or with any paper thereafter	
11th Floor	filed in this application by this firm) to our <b>Account No.</b>	
City: Arlington State: VA Zip: 22203	14-1140.	
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To the best of my knowledge and belief, the foregoing informat	tion is true and correct and any attached conv is a true conv	
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/ ` )		
Arthur R. Crawford	September 26, 2006	
Name of Person Signing  Signature  Date		
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Total number of pages including origin	nal cover sheet, attachments, and document: [3]	
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Documents to be recorded (including cover sheet) should be faxed	to (571) 273-0140, or mailed to:	
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**REEL: 018371 FRAME: 0478** 

**PATENT** 

## ASSIGNMENT

In consideration of value received, I, having a mailing address at c/o Nichia Corporation, 491-100, Oka, Kaminaka-cho, Anan-shi, Tokushima 774-860 Japan, and a residence as stated below next to my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of an invention described in an application for United States patent entitled:

## NITRIDE SEMICONDUCTOR LASER ELEMENT

said application having been filed on and assigned Application No.

sell and assign to
Nichia Corporation
a corporation of Japan, having a business address at
491-100, Oka, Kaminaka-cho, Anan-shi, Tokushima 774-8601 Japan

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said application for United States patent: (check one)

[X] executed concurrently herewith;[ ] executed separately herefrom;

and in and to all applications for patent and patents for said invention including all divisions, reissues, continuations, substitutions and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention in all countries.

I hereby grant the following law firm 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 U.S. Patent and Trademark Office for recordation of this document.

Nixon & Vanderhye P.C., 11th Floor 901 North Glebe Road, Arlington, Virginia 22203-1808

PATENT REEL: 018371 FRAME: 0479

## ASSIGNMENT

Inventor: (Signature)	Date	Residence
Okira Kitano Akira Kitano	September 13, 2006	Komatsushima-shi, Japan
Ken Katsuragi Ken Katsuragi	September 13, 2006	Anan-shi, Japan
Hiroaki Matsumura  Hiroaki Matsumura	September 13, 2006	Tokushima-shi, Japan

PATENT REEL: 018371 FRAME: 0480

**RECORDED: 09/26/2006**