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Please record the attached document

Name of conveying party(ies):	2. Name and address of receiving party(ies):	
<ol> <li>Hiroyuki OTA</li> <li>Toshiyuki TANAKA</li> <li>Atsushi WATANABE</li> </ol>	Name: Pioneer Corporation	
Additional name(s) of conveying party(ies) attached?	Address: 4-1, Meguro 1-chome Meguro-ku	
3. Nature of Conveyance:		
	City: Tokyo State: ZIP Code:  Country: Japan	
English Data All throng granned on July 26, 1000	Additional name(s) & address(es) attached?   Yes  No	
Execution Date: All three signed on July 26, 1999	Additional name(s) to address(es) attached:	
<ol> <li>Application number(s) or patent number(s):         If this document is being filed together with a new application, the A. Patent Application No.(s):     </li> </ol>	B. Patent No.(s):	
Additional numbers atta	ched? ☐ Yes ⋈ No 04/368535	
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and/or patents involved:	
	7. Total fee (37 CFR 3.41):\$40.00	
Name: Clarence A. Green	M. England	
Address: Perman & Green, LLP 425 Post Road	<ul><li>☑ Enclosed</li><li>☐ Charge deposit account</li></ul>	
42.5 Post Road	☐ Charge deposit account ☐ Please charge any fee deficiency to deposit account	
City: Fairfield	1 rease charge any fee deficiency to deposit account	
State: CT ZIP Code: 06430-6232	8. Deposit account number: 16-1350	
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9. Statement And Signature:		
To the best of my knowledge and belief, the follogoing information is true and correct and, the attached document is either an original document or a true copy of the original document.  Clarence A. Green  Our Page 99		
	Signature / B Date	
	Total number of pages including cover sheet(s): 3.	
	Page 1 of 1.	

## ASSIGNMENT

In consideration of the sum of ten dollars (\$10.00) and other good and valuable consideration paid to each of the undersigned, the undersigned agree to assign, and hereby do assign, transfer, and set over to:

Pioneer Corporation

having the address:

4-1, Meguro 1-chome, Meguro-ku, Tokyo, Japan

(hereinafter designated as the "ASSIGNEE") the entire right, title, and interest for the United States and all foreign countries (including protection in foreign countries via the Patent Cooperation Treaty), in the invention, and all applications for patent and any Letters Patent which may be granted therefor, the application being known by the Title:

GROUP III NITRIDE SEMICONDUCTOR LIGHT-EMITTING DEVICE:

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

filed o	n	·
serial	No.	

- 1. The undersigned agree to execute all papers necessary in connection with the 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 to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the ASSIGNEE in every way possible in obtaining evidence and going forward with such interference.
- 3. The undersigned agree to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial property or similar agreements.
- 4. The undersigned agree 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 and request the commissioner of Patents in the Unite States and the appropriate national or regional authority in each foreign country to issue any and all Letters Patents resulting from said application or any division or divisions or continuing applications thereof to the said ASSIGNEE, as ASSIGNEE of the entire interest, and hereby covenants that they have full right to convey the entire interest herein assigned, and that they have not executed and will not execute, any agreement in conflict herewith.

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

The undersigned hereby authorize the firm of

PERMAN & GREEN, LLP at the address of 425 Post Road, Fairfield, CT. 06430, U.S.A.

to insert hereon any further identification necessary or desirable for recordation of this document.

July 26 1999

Date

Typed Name: Hiroyuki OTA

July 26, 1999

Date

Toshiyuki Tenaka

Typed Name: Toshiyuki TANAKA

July 26, 1999

Date

Atsushi Watanahe

Typed Name: Atsushi WATANABE