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TO THE HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

Please record the attached original documents or copies thereof.

1. Name of conveying party(ies):  
**JERRY M. WOODALL AND ROBERT D. KOUDELKA**

2. Name and address of receiving party(ies):  
**YALE UNIVERSITY  
451 COLLEGE STREET  
NEW HAVEN, CONNECTICUT 06511**

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other: \_\_\_\_\_

Execution Date: **January 4, 2001**

4. Application number(s) or application date(s):  
If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Application No. **09/666,231**      B. Application Date **September 21, 2000**

5. Name and address of party to whom correspondence concerning this document should be mailed:


Harry F. Smith, Esq.  
Ohlandt, Greeley, Ruggiero & Perle, L.L.P.  
One Landmark Square, 9th Floor  
Stamford, Connecticut 06901-2682 U.S.A.

6. Total No. of applications and patents involved: 1. 01/18/2001 AGDITOM 00000022 09666231  
02 FC:581

7. Total Fee (37 C.F.R. 3.41(h)). \$40.00/assignment. 40.00 OF  
 Enclosed  
 Authorized to be charged to deposit account.

The Commissioner is hereby authorized to charge any additional fees under 37 C.F.R. 3.41 that may be required with this communication or credit any overpayment, to Deposit Account No. 01-0467. A duplicate copy of this Form is enclosed.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Harry F. Smith            1/10/01  
Name of Person Signing      Signature      Date

Total number of pages including cover sheet, attachments and document: 4.

**ASSIGNMENT**

FOR valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, Jerry M. Woodall, a citizen of the United States, and a resident of Woodbridge, Connecticut, USA and I, Robert D. Koudelka, a citizen of the United States and a resident of New Haven, Connecticut, USA have invented certain new and useful improvements in

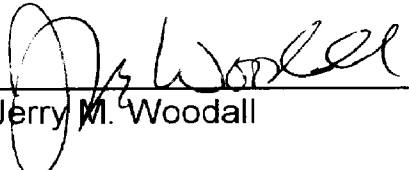
**HIGH MODULATION FREQUENCY LIGHT EMITTING DEVICE EXHIBITING SPATIAL RELOCATION OF MINORITY CARRIERS TO A NON-RADIATIVE RECOMBINATION REGION**

hereby assigns to YALE UNIVERSITY, a corporation of Connecticut, having its principal office at 451 College Street, New Haven, CT 06511(hereinafter referred to as "Assignee"), of the entire right, title and interest in and to such invention, together with the patent rights and rights of protection to the same throughout the world, including the rights to claim priority, and including any patent rights which may result from the application for United States Letters Patent which was filed in the United States Patent and Trademark Office on **September 21, 2000**, and assigned U.S. Application Serial No. **09/666,231** and any continuation, divisions, continuation-in-part applications, inventor's certificate and extensions thereof, preparatory to obtaining Letters Patent of the United States therefor; said invention, application and Letters Patent to be held and enjoyed by said Assignee for their own use and behoof and for the use and behoof of their successors and assigns, to the full end of the term for which said Letters Patent or other rights of protection may be granted as entirely as the same would have been held and enjoyed by us had the assignment not been made.

AND WE COVENANT and AGREE and WARRANT that we have a full and unencumbered title to the invention hereby assigned, and we further covenant and

agree that we have the right to grant such rights to said invention and application and Letters Patent and that we will, at any time upon request without cost to us or further compensation, execute and deliver any and all papers or instruments that, in the opinion of the Assignee, may be necessary or desirable to secure said Assignee the full enjoyment of the rights and properties herein conveyed or intended to be conveyed by this instrument.

IN WITNESS WHEREFORE, we have hereunto set our hands and seal:

Date: Jan. 4, <sup>2001</sup>/<sub>2000</sub>   
By: Jerry M. Woodall

STATE OF Connecticut )  
COUNTY OF New Haven ) SS

Sworn to before me this 4 day of January, <sup>2001</sup>/<sub>2000</sub>

 #89122  
Notary Public

Date: Jan 4, <sup>2001</sup>~~2000~~ Robert D. Koudelka  
By: Robert D. Koudelka

STATE OF Connecticut )  
COUNTY OF New Haven ) SS

Sworn to before me this 4 day of January, 2000. 01

[Signature]  
[Signature] #89122  
Notary Public



RECORDATION FORM COVER SHEET  
PATENTS ONLY

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Harry F. Smith  
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Signature

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