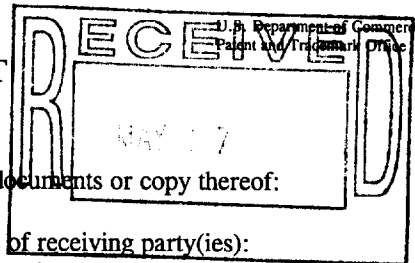


MRD

5-27-99

RECORDATION FORM COVER SHEET  
PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof:

## 1. Name of conveying party(ies):

Henryk J. Lozykowski  
W. M. Jadwisieniczak

## 2. Name and address of receiving party(ies):

Name: Ohio University

Internal Address:

Street Address: 20 East Circle Drive, Suite 190

City: Athens State: Ohio ZIP: 45701-3751

Additional name(s) of conveying party(ies) attached?

Yes \_\_\_ No X

Additional name(s) &amp; address(es) attached?

Yes \_\_\_ No X

## 3. Nature of conveyance:

Assignment X

Merger \_\_\_

Security Agreement \_\_\_

Change of Name \_\_\_

Other \_\_\_

Assignment Execution Date: 05/19/99

06-02-1999



101053461

## 4. Application number(s) or patent number(s): [Enter numbers below at A. or B.]

If this document is being filed together with a new application, the execution date of the application's declaration is: \_\_\_\_\_

## A. Patent Application No(s):

09/253,170

## B. Patent Nos:

Additional numbers attached: Yes: \_\_\_ No: X

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

Roger A. Gilcrest  
Standley & Gilcrest LLP  
495 Metro Place South  
Suite 210  
Dublin, Ohio 43017-53156. Total number of applications and registrations involved: 1

## 7. Total fee (37 CFR 3.41) \$40.00

X Enclosed (included in check covering the filing fee)

\_\_\_ Authorized to be charged to Deposit Account

## 8. Deposit Account Number:

(Attach duplicate copy of this page if paying by deposit account)

## 9. Statement and signature.

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.

Roger A. Gilcrest

Name of Person Signing

Signature

May 25, 1999

Date

Total number of pages including cover sheet, attachments, and document: -3-

Mail documents to be recorded with required cover sheet information to:

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06/01/1999 MTHAI1 00000137 09253170

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PATENT  
REEL: 009984 FRAME: 0762

## ASSIGNMENT

This assignment is made by Henryk J. Lozykowski, residing at 7350 Whitlind Lane  
, City of Athens, State of Ohio, 45701 and W. M.  
Jadwisieniczak, residing at 503 Carriage Hill Drive  
, City of Athens, State of Ohio 45701 ("ASSIGNORS") to Ohio University, a non-profit  
organization located at Innovation Center & Technology Transfer Office, Technology &  
Enterprise Building, 20 East Circle Drive, Suite 190, Athens, Ohio 45701-3751 ("ASSIGNEE").

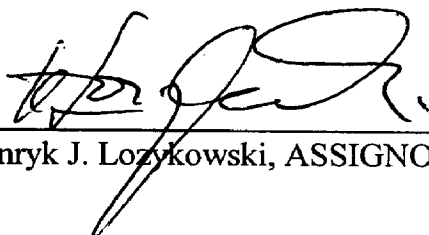
FOR ONE U.S. DOLLAR (\$1.00) AND FOR OTHER GOOD AND VALUABLE CONSIDERATION, the receipt of which is hereby acknowledged, ASSIGNORS do hereby sell, assign and transfer to ASSIGNEE the entire right, title and interest, together with all rights of priority, in and to our invention entitled GALLIUM NITRIDE DOPED WITH RARE EARTH IONS AND METHOD AND STRUCTURE FOR ACHIEVING VISIBLE LIGHT EMSSION, as described and/or claimed in an application for patent of the United States of America, Serial No. 09/253,170. A Declaration for the application has been executed on May 19, 1999. ASSIGNORS further do hereby sell, assign and transfer to ASSIGNEE the entire right, title and interest, together with all rights of priority, in and to ASSIGNORS' invention as described and/or claimed in any and all applications for patents based on the invention, including divisionals, continuations, renewals, substitutes and reissues thereof, and all rights of priority resulting from any of these patent applications, as well as all foreign counterparts and extensions thereof, together with all patents issuing on any of these applications for the full terms of all of the patents which may be granted on the invention.

ASSIGNORS HEREBY AUTHORIZE ASSIGNEE to make applications for, to prosecute such applications, and to receive patents for the invention in the United States and any foreign countries, in ASSIGNEE'S name.

ASSIGNORS HEREBY PROMISE AND AGREE that ASSIGNORS will execute or procure any further necessary assurance of title to the invention and any patents which may issue on the invention. ASSIGNORS will, at any time, upon the request and without further consideration, but at the expense of ASSIGNEE, deliver any testimony in any legal proceedings and execute all papers and do all other things that may be necessary or desirable to perfect the title to the invention, or any patents which may be granted therefor, in ASSIGNEE, its successors, assigns, or other legal representatives. ASSIGNORS will, at any time, upon the request and at the expense of ASSIGNEE, execute any continuations, divisionals, reissues, or any other additional applications for patents for the invention or any part or parts thereof and any patents issuing thereon are hereby

assigned to ASSIGNEE. ASSIGNORS will make all rightful oaths, and do all lawful acts required for procuring and enforcing any of the patents, without further compensation, but at the expense of ASSIGNEE, its successors, assigns or other legal representatives.


ASSIGNORS HEREBY AUTHORIZE AND REQUEST the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States for the invention, resulting from any of the aforesaid applications to the ASSIGNEE.

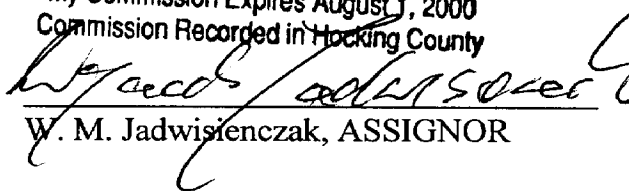
  
Henryk J. Lozykowski, ASSIGNOR

STATE OF OHIO :  
COUNTY OF Athens : SS.

Before me personally appeared Henryk J. Lozykowski, to me known to be the same person described in and who executed the foregoing instrument, and acknowledged that he executed the same, of his own free will and for the purposes set forth.

Sworn to before me and subscribed in my presence this 19<sup>th</sup> day of May, 1999.

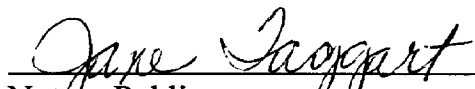
  
Notary Public JANE TAGGART  
Notary Public, State of Ohio  
My Commission Expires August 1, 2000  
Commission Recorded in Hocking County

  
W. M. Jadwisienczak, ASSIGNOR

STATE OF OHIO :  
COUNTY OF Athens : SS.

Before me personally appeared W. M. Jadwisienczak, to me known to be the same person described in and who executed the foregoing instrument, and acknowledged that he executed the same, of his own free will and for the purposes set forth.

Sworn to before me and subscribed in my presence this 19<sup>th</sup> day of May, 1999.

  
Notary Public JANE TAGGART  
Notary Public, State of Ohio  
My Commission Expires August 1, 2000  
Commission Recorded in Hocking County