

Form PTO-1592 (modified) SIDIVD	449429
To the Honorable Commissioner of Patents and Trademarks: F thereof:	Please record the attached original documents or copies
1. Name of Conveying Party or Parties:	2. Name and address of receiving party or parties:
Archie E. Cromer, III  Additional Names of conveying party or parties attende?  ☐ Yes ■ No	Virginia Polytechnic Institute & State University Blacksburg, Virginia 24061
3. Nature of Conveyance:	
Assignment	
Security Agreement Change of Name  Other  Execution Date: June 9, 2000	Additional Name(s) and address(es) attached?   Yes No
4. Application Number(s) or Patent Number(s):	
If this document is being filed together with a new application, the execution date of the application is:	
A. Patent Application Number(s):	B. Patent Number(s):
29/113,717	
Additional Name(s) and address(es) attached? □ Yes ■ No	
5. Name and address of party to whom correspondence concerning the document should be mailed:  Brian E. Hanlon Banner & Witcoff, Ltd. 1001 G Street, N.W. Eleventh Floor Washington, D.C. 20001	<ul> <li>6. Total Number of Applications and patents involved:</li> <li>7. Total fee (37 CFR 3.41)  Enclosed  Authorized to be charged to deposit account Please charge or credit our deposit account for any additional or refunded fees associated with recording this assignment</li> <li>8. Deposit Account No.:  19-0733 (in the event additional fees are required)</li> </ul>
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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.	
-	n E. Hanlon 8/10/00 Date

PATENT REEL: 011034 FRAME: 0604

## ASSIGNMENT OF INVENTION

whereas, I, Archie E. Cromer, III , have invented certain new and useful improvements in application no. 29/113,717 filed on November 12, 1999 ; and

WHEREAS, Virginia Polytechnic Institute & State University, an institute of higher education organized under the laws of the Commonwealth of Virginia, having an office and principal place of business at Blacksburg, Virginia hereinafter referred to as Assignee, is desirous of acquiring an interest in said invention and in any Letters Patent which may be granted therefore.

NOW THIS INDENTURE WITNESSETH, That for a valuable consideration, the receipt of which is hereby acknowledged, we hereby assign, sell and transfer unto the said assignee, the entire right, title and interest in and to inventions disclosed in said application and in and to any Letters Patent of the United States and in and to any Letters Patent or Inventor's Certificates of any and all foreign countries which may be granted therefore, and in and to any and all priority and/or Convention rights or benefits accruing or to accrue to us with respect to the filing or securing of patents in the United States and/or securing of patents or inventor's certificates in any and all countries foreign thereto.

AND WE hereby grant to assignee the right to apply in its own name for patents or inventor's certificates corresponding to the above invention in countries foreign to the United States.

AND WE hereby further agree to sign and properly execute such necessary and lawful papers for application for foreign patents and inventor's certificates for filing applications for United States, foreign patents and inventor's certificates for subdivisions of any applications for patent or inventor's certificate and/or for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid invention and to perform such further acts as may be required to carry out the intent of this agreement as the assignee thereof shall hereafter require and prepare at assignee's expense.

Signed

Archie E. Cromer, III

**RECORDED: 08/10/2000** 

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